

NORTHERN PASS TRANSMISSION PROJECT  
*Assessment of Historic Properties*

PRESERVATION COMPANY



October 2015

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**Attachment A: Historic Resource Assessments**

1. Deerfield
2. Allenstown
3. Epsom
4. Pembroke
5. Concord
6. Canterbury
7. Boscawen
8. Northfield
9. Franklin
10. Hill
11. Bristol
12. New Hampton
13. Bridgewater
14. Ashland
15. Plymouth
16. Bethlehem
17. Dalton
18. Whitefield
19. Jefferson
20. Lancaster
21. Littleton
22. Northumberland
23. Stark
24. Dummer
25. Millsfield
26. Dixville
27. Stewartstown (see also underground section)
28. Clarksville (see also underground section)
29. Pittsburg (see also underground section)

**Attachment B: Deerfield Substation to Scobie Pond Substation Transmission Upgrades****Attachment C: Railroads****Attachment D: Transmission Line****Attachment E: Project Database****Attachment F: Town Maps for Overhead Route****Attachment G: Maps for Underground Route Sections**

## I. Executive Summary

Preservation Company<sup>1</sup> has completed this assessment of historic properties within the Area of Potential Effect (APE)<sup>2</sup> for both above-ground and underground portions of the Northern Pass Transmission Project (“the Project”). This study was undertaken for use in the Project’s application to the New Hampshire Site Evaluation Committee (NHSEC).

This report summarizes the results of a multi-year study of historic resources located within the two-mile-wide APE for the above-ground section of the route and the 20'-from-edge-of-pavement APE for underground segments of the Project. The Project route travels roughly 132 miles above ground (100 miles on existing right-of-way) and 60 miles below ground. The corridor runs from Deerfield, New Hampshire, in the south, to the Canadian border in Pittsburg, New Hampshire, in the north. See Project Overview map, immediately following (Figure 1).

Our major emphasis was on visual (indirect) effects.<sup>3</sup> To address these, Preservation Company conducted a field assessment of the APE to identify resources fifty years old or older, mapped and recorded these resources in a database, and prepared additional documentation for properties that appeared to have more than minimal views of the Project. We identified 1,284 resources (including both individual and large area/multi-resource properties) fifty years old or older in 29 towns/cities/unincorporated areas within the APE for the above-ground part of the route.<sup>4</sup> A very small percentage of these (under 5 percent) had been previously documented [See Section IV (H)].

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<sup>1</sup> The work described in this report was completed by Preservation Company of Kensington, New Hampshire. Cheryl Widell, Principal of Widell Preservation Services, LLC of Chestertown, Maryland, has consulted with Preservation Company on this work and has participated in the assessment of potential eligibility and effects.

<sup>2</sup> The APE for above-ground resources was proposed in a 3/21/2013 letter from the Department of Energy: “DOE proposes an indirect APE for assessing potential for adverse visual effects on terrestrial historic properties to be approximately one mile on either side of the center line (will vary with topography) of the PSNH ROW.” NHDHR concurred with the APE in a 3/28/13 letter which stated, “The APE for assessing visual effects on historic properties is defined as approximately one mile on either side of the center line of the PSNH ROW... the approximate determination is appropriate because there may be some situations where the visual effects may extend somewhat beyond the one mile limit due to local topographic and historic factors.”

<sup>3</sup> Indirect effects are those where there are no physical effects to the historic property. Visual effects relate to the introduction of “visual elements” such as views of the Project.

<sup>4</sup> The APE for the above-ground portion of the Project extended into an additional three towns: Colebrook, Wentworth Location, and Dix’s Grant. However no historic resources were identified in the APE in these locations. Access roads are also located in the town of Errol but no historic resources were located there. The number of resources does not include resources in Canaan, Vermont, or resources dating from between 1966 and 1968.

We identified 194 historic resources (again both individual and multiple-resource properties) that had the potential for more-than-minimal views of the Project. For these properties, we assessed likely National Register eligibility and, if it appeared that they had potential National Register eligibility in visually related areas of significance, we assessed the likely effect of the Project on the resource. After identifying potentially adversely affected resources, we provided this information to Project design engineers who in many cases were able to reduce effects to those resources through minimization and avoidance techniques. This resulted in reduced effects to a number of resources.

Using modeling and viewshed mapping in addition to on-site survey to understand the visual relationship between the resources and transmission line, we found that twelve (12) potentially National Register-eligible properties might have adverse indirect effects caused by the Project. Only one of the potentially adversely affected resources (LANC02 Weeks State Park) is a previously identified historic resource. The potentially affected resources include eight properties that were significant primarily for agriculture and three properties that were significant primarily for recreation. These adversely affected resources are located in Deerfield, Pembroke, Concord, Bristol, Bethlehem, Lancaster, Stark, and Dummer. The affected resources include both single resources and areas/districts.<sup>5</sup>

The Project appears to have direct (i.e., actual physical) effects on one potentially National Register-eligible historic resource. An early-1950s Ranch-style house will be demolished, which will potentially result in an adverse effect to the (albeit greatly deteriorated) Baker Brook cabin colony in Bethlehem.

For the underground part of the Project, Preservation Company identified, photographed and mapped pre-1968 historic resources within the 20' APE (on both sides of the roadways). Because (1) the transmission line will be buried under the paved or already disturbed portion of the road, and (2) the line will avoid bridges by directional drilling under the water body, we believe that very few if any historic resources will be affected by the underground segments of the Project.

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Resources within the APE for the Deerfield Substation to Scobie Pond Substation Transmission Upgrades are also not included in this number (see section V. B.2). Although the Project extends into Campton, Thornton, Woodstock, Franconia, and Sugar Hill the transmission line in these towns will be underground.

<sup>5</sup> Many of the resources had multiple areas of significance; we concluded that Weeks State Park, for example, has significance for conservation and architecture in addition to recreation.

## **II. Introduction**

Preservation Company has prepared this assessment of historic properties (both individual and large area/multi-resources) within the Area of Potential Effect (APE) for both above-ground and underground portions of the Northern Pass Transmission Project. The assessment was prepared for use in the Project's application to the New Hampshire Site Evaluation Committee (NHSEC). This assessment is not intended to replace the identification and analysis of historic properties being conducted by the SE Group and SEARCH Inc., the contractors performing the assessment for the U.S. Department of Energy in fulfillment of the agency's responsibility under Section 106 of the National Historic Preservation Act.<sup>6</sup> The historic resources assessment described in this document is, nonetheless, consistent with the Section 106 process and is being conducted by professionals who meet the requirements of the Secretary of Interior's Historic Preservation Professional Qualification Standards (36 CFR 61). The identification and evaluation methodology being used is fully consistent with 36 CFR 800.4 Identification of historic properties, 36 CFR 800.5 Assessment of adverse effects, 36 CFR 60.4 and National Park Service publications and directives related to the identification of properties eligible for the National Register of Historic Places.

In this project, as in prior SEC cases, the Section 106 process is being carried out by the federal lead agency in consultation with NHDHR, and the Section 106 process will result in the official identification of National Register-eligible resources that will be affected by the Project, the determination of effects to those resources, and the mitigation of any unavoidable adverse effects. Project Area Forms have been completed by the contractor doing the Section 106 work (SEARCH) and reviewed by NHDHR; they are currently being revised by the contractor.<sup>7</sup> It is expected that a Programmatic Agreement will be entered into by DOE, NHDHR, the Advisory Council on Historic Preservation, and other federal agencies and consulting parties. We anticipate that the Programmatic Agreement will assign the specific responsibilities required to complete the assessment of eligibility and effect and to determine the appropriate mitigation for the Project as the Section 106 process is completed.

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<sup>6</sup> The National Historic Preservation Act was originally codified in Title 16 of the United States Code. In 2014, Public Law 13-287 moved the Act's provisions to title 54 of the United States Code. The provision that was formerly Section 106 of Title 16 became Section 306108 in Title 54. In this document we will continue to use the common parlance of "Section 106" when referring to this provision.

<sup>7</sup> Information and insights from the Project Area Forms have been integrated into our analysis.

### III. Criteria for Assessing Resources

Under RSA 162-H:16(c) the SEC must determine whether the Project has “an unreasonable adverse effect on ... historic sites...”<sup>8</sup> The term “adverse effect” is also the cornerstone of the Section 106 process of the National Historic Preservation Act. Under that federal law, adverse effects to historic resources occur when a project alters the qualities of the property that qualify it for the National Register in a way that diminishes its integrity. For purposes of its analysis for the SEC application, Preservation Company has used these established standards as set out in 36 CFR 800.5.

Although being completed for a different process, as will be apparent in the explanation below, the approach followed by Preservation Company closely follows that of NHDHR in this state and ACHP nationally to ensure a reasonable and good faith effort has been made to identify historic properties within the area of potential effect. (See the ACHP’s *Meeting the “Reasonable and Good Faith” Identification Standards in Section 106 Review* online at: [http://www.achp.gov/docs/reasonable\\_good\\_faith\\_identification.pdf](http://www.achp.gov/docs/reasonable_good_faith_identification.pdf) and *Information Policy for Identification of Historic Properties for Telecommunications Projects* posted on the NHDHR website at: <http://www.nh.gov/nhdhr/review/106identification.html>.)

Integrity and significance evaluations to gauge National Register eligibility followed National Park Service publications such as: *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation*, *National Register Bulletin 18: How to Evaluate and Nominate Designed Historic Landscapes*, *National Register Bulletin 38: Guidelines for Evaluation and Documenting Traditional Cultural Properties*, *National Register Bulletin 41: Guidelines for Evaluating & Registering Cemeteries and Burial Places*, and *National Register Bulletin 30: Guidelines for Evaluating and Documenting Rural Historic Landscapes*. These documents are available online at: <http://www.nps.gov/nr/publications/>.

The final step in our evaluation was to assess the potential effects of the Project on potentially eligible historic resources. Because New Hampshire does not have guidance

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<sup>8</sup> Currently there is no definition in state regulations of “historic site.” RSA 227-C:1, VI defines “Historic property” to be “any building, structure, object, district, area or site that is significant in the history, architecture, archeology or culture of this state, its communities, or the nation.” Under RSA 227-C:1, VII an “Historic resource” is a historic property which has been listed in the New Hampshire State Register of Historic Places or listed or determined eligible for the National Register of Historic Places. In this document we will use the terms historic site, historic property, and historic resource to refer generally to historic resources that could potentially meet the requirements for listing on the National Register.

specifically relating to determining visual effects, our visual effects assessment was based principally on the federal regulations promulgated by the Advisory Council on Historic Preservation and found at 36 CFR 800.5. We also consulted other sources, including published guidance used by two other states in the Section 106 process to determine effect: the Vermont Division for Historic Preservation's (Vermont's SHPO) *Criteria for Evaluating the Effect of Proposed Telecommunications Facilities, Transmission Lines, and Wind Power Facilities on Historic Resources*, and the Virginia Department of Historic Resources' (Virginia's SHPO) *Assessing Visual Effects on Historic Properties*. These are helpful sources of information about the types of situations that result in indirect effects relative to transmission facilities and "flesh out" the 36 CFR 800.5(a)(2) "Examples of Adverse Effect" relative to indirect (in this case visual) effects.

## IV. Methodology

### A. Field Study – Above-Ground Segments of the Project<sup>9</sup>

Our efforts began with a comprehensive windshield survey of the two-mile (one mile on either side of the transmission line) indirect Area of Potential Effects (APE) for the Project's 132 miles of above-ground right-of-way. This windshield survey took place largely over the summer and early fall of 2013 although parts of the APE were again viewed in November 2014 and April and July 2015. The field study involved viewing all pre-1968<sup>10</sup> resources visible from the public right-of-way within the visual APE, an area that included a total of twenty-nine towns, cities and unincorporated places.<sup>11</sup> Most resources that were not visible from public thoroughfares (i.e., those with long driveways or those that were inaccessible) were later identified using aerial mapping (i.e., Google Maps) and/or assessment records. In certain situations (i.e., where local topographic and historic factors required it, where resources straddled the line of the APE or where previously identified historic resources were in the vicinity of the APE), we extended the survey area to take in nearby historic resources. Where field survey was conducted during “leaf-on” conditions, a second assessment was done during “leaf off” conditions to insure that findings would not change based on leaf cover. Identification of historic properties was undertaken to the degree necessary to inform our findings regarding the potential effect of the Project on historic properties, an effort that meets the reasonable and good faith identification standard required (of federal agencies) for the Section 106 process in 36 CFR 800.4(b) (1).

Properties<sup>12</sup> in the indirect APE that were likely built before the National Register fifty-year age eligibility criterion were preliminarily identified in the field. Dating was based on

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<sup>9</sup> See Section V.4 of the Report for information on the onsite survey done for underground segments of the Project.

<sup>10</sup> Properties from the mid-to-late 1960s were identified in the field and their dates verified using tax cards, historic maps, etc. Initially only pre-1965 properties were considered, but properties from 1965 were later included in the study. Properties dating from between 1966 and 1968 were identified and added to the database and mapped but, because they do not currently qualify for the National Register, were not given further analysis. None appeared to have the “exceptional importance” required to satisfy the requirements of National Register Criterion Consideration G.

<sup>11</sup> All of these political units are more generally referred to as “towns” in this report.

<sup>12</sup> Isolated minor secondary structures (i.e., garages, sheds or similar structures) on parcels without a primary structure were not surveyed. Barns, however, even if they lacked, for instance, accompanying farmhouses were included. In addition, structures (bridges, culverts etc.) that clearly had no visual significance, were not surveyed or included in our database (whether previously identified or not). Railroads and other linear resources were studied using a separate methodology (see below).

historic maps and the architectural historians' extensive knowledge of New Hampshire architectural styles, materials and development patterns, as well as basic knowledge of the history of the towns. Properties were marked by hand on USGS maps and were assigned unique identifiers using a four-letter abbreviation for the town as the prefix (*e.g.*, FRAN11 for the eleventh Franklin property).<sup>13</sup> In certain situations, multiple properties were grouped together under a single number. These were potential historic districts or, in areas without potential views of the Project, resources grouped together based on geographic locality and visual relationship to the Project.<sup>14</sup>

In order to judge whether the Project would be potentially in view of a property, architectural historians in the field relied on both actual sight analysis and viewshed mapping. As to the former, we first located the existing line relative to the historic property. If the existing transmission line was in sight, the new line and taller structures obviously would also be in sight. Where the existing line was not in view (including where the line will be built on new right of way) we located the existing line and its location relative to the historic resource using USGS maps. Then taking into account the tree cover and topography of the location (as shown on USGS maps and actual views) we estimated whether or not the new line and taller structures would be in view. For properties where it was not clear whether or not there would be a view, we made a common sense estimate and erred on the side of inclusion.

Viewshed mapping used LiDAR data (derived by, and purchased from, InterMap at <http://www.intermap.com/data/nextmap>) in geographical information systems (GIS) to determine the areas from which the Project could be seen (generally the purple colored area on the mapping). The LiDAR data provided data on topography, as well as vegetative cover (*i.e.* trees) and cultural features (*i.e.* buildings).<sup>15</sup> As discussed below, conclusions based on on-site and viewshed mapping were augmented with other types of review.

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<sup>13</sup> Properties were numbered as they were encountered in the field, with additional properties added later based on revised viewshed mapping or removed based on dating or changes in groupings. As a result, the property numbers are not always in geographical order or sequential. Town abbreviations used in the study can be distinguished from those used by NHDHR by the fact that they consist of four, rather than three letters.

<sup>14</sup> For instance, where there were unrelated houses of different eras adjacent to one another along a road where none of the houses were in view of the Project they were often grouped together under a single number.

<sup>15</sup> Viewshed mapping is a useful tool to assist in gauging visibility of the Project. In their Visual Impact Assessment report the Project's visual consultant, Terrence J. DeWan & Associates, provides a more extensive discussion of viewshed mapping used in the Project.

Most properties fifty years old or older where the Project was potentially in view were photographed using a Canon D70 camera with a built-in Global Positioning Software (GPS) unit. The GPS unit added EXIF data to the photo files, allowing them to have a permanent geographical location. Where possible, photographs of the resources were taken towards the Project at 35mm focal length (50mm equivalent) to simulate the closest facsimile of the human eye. For many resources a series of photographs, later linked together digitally, provided panoramic views of the resource and its relationship to the existing transmission line. While in the field and continuing thereafter, Preservation Company historians entered basic ID, location, and photo information on the historic properties into a database.

In addition to the actual transmission line route, field review was also conducted on a number of other types of facilities associated with the Project. (In some cases where the site was difficult to reach these were conducted through review of Google Earth/aerial mapping.) In this category are improvements to access roads (largely to the new right-of-way), the new converter terminal in Franklin, the six transition stations (where the line transitions from underground to above ground), and the replacement of ten structures between Deerfield and Scobie Pond substations. No historic resources were identified that would appear to be affected by any work on the access roads. The converter terminal site and some transition station sites did have historic resources which could be affected, and assessment forms were prepared on these resources. A discussion of the historic resources in the vicinity of the Deerfield to Scobie Transmission Upgrades is included in the results section of the report.

## **B. Post-Field Study Database and Parcel Mapping**

Subsequent to our fieldwork, Preservation Company amplified and revised the extensive field data in our database. Information from the field was augmented and revised to add or correct technical details such as latitude/longitude, addresses, and photo image file names.

In addition, Preservation Company took the additional step of mapping the parcels associated with all properties included in the database. The starting point for this effort was mapping based on KMZ files provided by Northern Pass which located the proposed transmission line and parcels that were adjacent or very close to the line.<sup>16</sup> For parcels located beyond those mapped by Northern Pass, we overlaid town tax parcel maps into Google Earth to find and

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<sup>16</sup> KMZ files are zipped KML (Keyhole Markup Language) files. These are Google Earth's file format for storing geographically related information. KMZ files are "read" by and can be seen through Google Earth.

create the correct polygon around the historic properties. In many cases we corrected parcel lines with physical evidence from the satellite imagery. Where appropriate, we grouped adjacent parcels that fell under the same ownership. This mapping of parcels associated with historic buildings informed all of our later work. By understanding what land was associated with the buildings we could better understand the significance, integrity and the Project's potential effect to the property.<sup>17</sup>

### **C. Refinement of Viewshed Review and Selection of Properties for Further Analysis**

In order to pinpoint those properties that were at least fifty years old and which had potential views of the Northern Pass Project that could potentially result in adverse effects to the resource, further refinement of viewshed findings was done using aerial mapping (Google Maps, Bing Maps), Google Street View (where available) and Google Ground-level View (which models the topography of a given area.) These served as “checks” on the actual site analysis and viewshed mapping and the combination of these methods allowed us to better identify those properties that warranted further analysis. Using these methods, we identified the historic properties where there were views of the Project that were other than isolated, small or very distant, or views of the Project that did not relate to the property's significance. (See discussion below for the relevance of the property's type of historic significance.) For these historic properties we completed Northern Pass Project Historic Resources Assessment forms, which were developed by Preservation Company specifically for this project.<sup>18</sup> For properties having no view or only isolated, small or very distant views, the visual relationship to the Project was addressed in a brief manner in the database.

### **D. National Register Eligibility Analysis**

For those properties identified as warranting preparation of an Assessment Form, we began by evaluating potential for National Register eligibility. We first determined whether the resource appeared to possess the requisite baseline significance (for significance areas having

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<sup>17</sup> This effort also eliminated the need to have a standard distance “buffer” around the built resource relative to the viewshed mapping.

<sup>18</sup> These forms were designed specifically to be used in the SEC process and included an effects component; we did not use NHDHR inventory forms which are used for the Section 106 process. As discussed above, we followed the same National Register standards to identify eligible properties as are used for NHDHR inventory forms, and we were informed by the contextual research in the NHDHR Project Area Forms prepared by SEARCH.

a visual component) and sufficient integrity to potentially qualify for listing in the National Register. This analysis followed standard National Register guidelines (see *Criteria for Assessing Resources* section above). For properties where National Register eligibility was not clear, we erred on the side of inclusion. Our assessments were done only for the use of this study, and formal determinations of eligibility for purposes of Section 106 of the National Historic Preservation Act will be made by USDOE in consultation with the NHDHR and the Keeper of the National Register as necessary.

As mentioned above, we focused our efforts on areas of significance where visual components/setting were elements of significance. These included the following National Register Areas of Significance: Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture and Recreation. Properties with these areas of significance have historic settings that are particularly important components of the significance of the property and are the types of properties which could be affected by views of the Project. Although potential significance was judged largely on a visual basis, information from other sources including photographs, Project materials, historic maps, easily accessed online sources, and our extensive expertise relating to New Hampshire properties were used in making our findings.<sup>19</sup>

As in the typical Section 106 process, we judged integrity based on the National Register evaluation criteria (location, design, setting, materials, workmanship, feeling, and association), following National Register guidance.

### **E. Analysis of Potential Visual Effects**

For those properties that we considered to have potential National Register integrity and significance under visual areas of significance, we made assessments of the potential visual effect of the Project on the historic property. As stated above, our assessment was based principally on standards set forth in 36 CFR 800.5 (a)(1) as “fleshed out” in the 36 CFR 800.5(a)(2) (“Examples of Adverse Effect”) relative to indirect (in this case visual) effects.

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<sup>19</sup> Complete archival research and a full National Register eligibility assessment of properties were not done. For instance, we did not generally assess a property’s qualifications for listing on the National Register in areas of significance that did not have a visual basis (areas such as engineering, industry and commerce). In a few cases, particularly where the Project was located within the domestic space of a property having integrity, significance relating to non-visual areas was found or assumed. Properties were generally given “the benefit of the doubt” in terms of eligibility so they could be included in the Project evaluation; it is possible many would not be actually determined National Register-eligible.

In the absence of New Hampshire-specific rules or guidance we also relied on SHPO guidance from Virginia and Vermont on the criteria for evaluating visual effects on historic properties.<sup>20</sup>

In assessing whether the Project would affect a historic property, our analysis began with the property's type/area of historical significance and its setting.<sup>21</sup> For instance, agricultural districts consisting of adjacent historic farms had significance under National Register Criterion A, and they conveyed that significance in part through their setting of large open fields and cultural landscapes. Properties significant under Criterion C for Architecture in many cases had smaller geographical settings – often times it was only their immediate domestic space that conveyed their historical significance.<sup>22</sup> We then looked at whether and how those settings/character-defining features would be affected by the Project. In particular we looked for the following common situations: 1) where the Project will be substantially visible in the main public views *of* the historic resource; 2) where the Project will be substantially visible in historically significant views *from* the historic resource; 3) where the Project will create a focal point that distracts from the appreciation of an historic resource; 4) where the Project will isolate the historic resource from its historic setting.

These four considerations were evaluated on every assessment form for properties that we considered to be potentially National Register-eligible. A significant aspect of these considerations is that the view of or from the historic property is substantial enough that it diminishes the historical integrity of the resource or its setting. In each form, we provided the basis of our evaluation on effects and concluded for each whether we thought there was the potential for a finding of adverse effect to be made by the appropriate agencies. The conclusion we reached on a given assessment form is that the Project either will or will not have an adverse effect on the property. We have not made any assessments in this report relative to the RSA 162-H criterion on unreasonable adverse effects.

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<sup>20</sup> See Criteria for Assessing Resources section above.

<sup>21</sup> This analysis is summarized in the Virginia guidance referenced above in the following way: “Why is the historic property significant? What characteristics of the historic property convey that significance? How and to what degree are those characteristics diminished by the visibility of the project facility from the historic property? Does the diminishment of those characteristics lessen one’s understanding or appreciation for the historic property? If one’s understanding or appreciation for the historic property is lessened, how is it lessened and to what degree?”

<sup>22</sup> In other instances however, a property could be significant for its architecture and have sweeping views from the property as part of its design significance, in which case it would have a far larger setting.

Our photographs, field observations, viewshed maps and digital mapping (e.g., Google Earth and Bing maps) informed our findings. Some of the onsite conditions that went into our assessment included: the distance between the Project and the resource; differences in elevation between the Project and the resource; deciduous and non-deciduous vegetative screening; viewing angle; visual contrast (*i.e.*, what background the structures would be viewed against) and existing transmission facilities/overall integrity of the setting.<sup>23</sup> Finally, where effects were not clear, we used innovative digital tools, namely 3-D modeling and Google Earth photo-overlay, to assess the type and degree of effect of the Project on historical properties.

### **F. 3-D Modeling and Photo-Overlays**

For most potentially National Register-eligible properties where effect was considered to be possible, we used Google Earth Ground-Level View in conjunction with a digital 3-D model of the Project to verify onsite and viewshed mapping findings regarding views of the transmission line. This analysis was conducted using a geo-referenced digital 3-D model of the Project in Google Earth.<sup>24</sup> 3-D modeling of structures and landscape features is necessary because Google Earth's three-dimensional terrain is only a satellite image placed on the topography of the ground and does not account for trees, walls, or any other structures above ground level. Google Earth Ground-Level View provides a view from 7' above the surface elevation and one can have a 360-degree view of the surrounding terrain from any point. A Photo Overlay can also be used to superimpose a photograph onto this terrain with its 3-D models to gain a more accurate simulation of views in question.

For 3-D modeling, we first created tree lines in Google Earth using the line tool and extruded it to a conservative height of 40' (12.5 meters) to give a rough model of a "tree wall."<sup>25</sup>

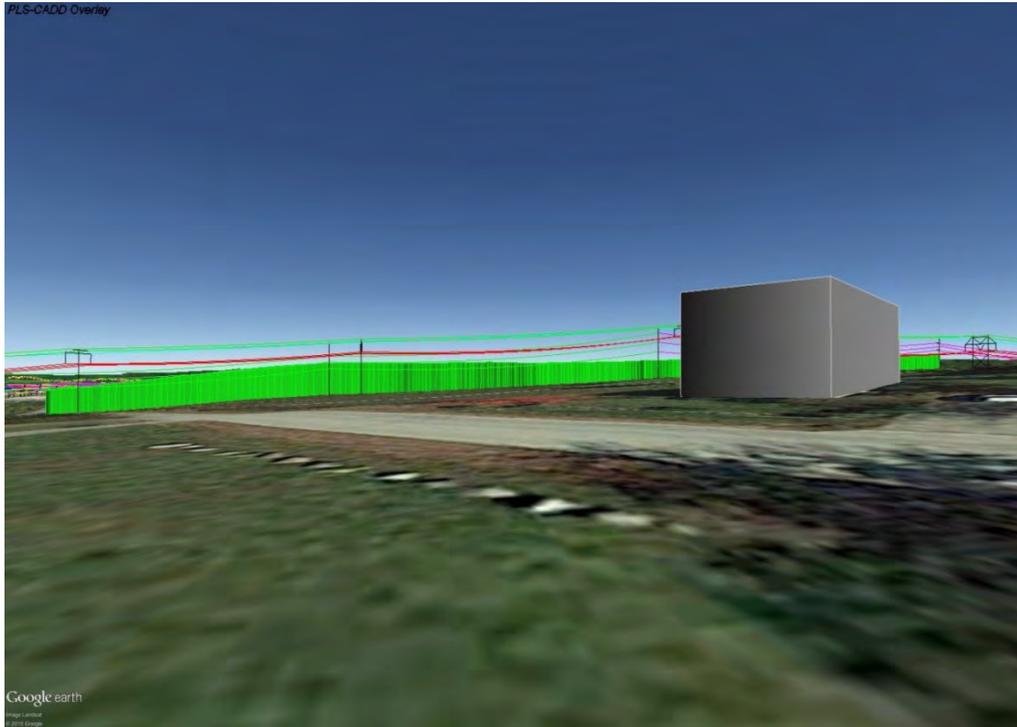
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<sup>23</sup> We also had access to Project design data showing areas where vegetation clearing would be necessary along the transmission line and integrated that into our analysis.

<sup>24</sup> The model was generated by Burns & McDonnell design engineers using PLS-CADD, a software program developed to design overhead transmission lines. The base elevations of the structures are set using high resolution LiDAR survey data. The computer model of the transmission line provides an accurate representation of conductors and shield wires, conductor sag between structures, structure height, structure spacing, and base elevations. More information on these processes can be found in the report of the Project's visual consultant Terrence J. DeWan & Associates (DeWan).

<sup>25</sup> As noted in the DeWan Report 40' is a conservative estimate of average forest vegetation height that is typically used in visual impact assessments in the eastern United States.

Where appropriate, three-dimensional polygons were built to model the historic structures.<sup>26</sup> “Peg man” (the Google symbol which is picked up and dragged to go to a particular location to see the Streetview or Ground-Level View) could then be placed anywhere around the site—on the street, by the building, or on a neighboring property—to view the structure and the proposed transmission line in ground-level view, as shown in the following visuals.



*Image taken from Google Earth 3-D modeling of 621 Fourth Range Road, Pembroke (PEMB01), showing the model of the proposed transmission line, a 40' tree line (in green), and a 3-D polygon built to represent the historic structure (in gray)*

Using these tools, the visibility of the Project from a particular resource was evaluated by viewing the 3-D model in relation to the Google Earth terrain and modeled site features (tree lines and built structures). The model provided a means to confirm or revise findings on views of the Project from historic resources. Commonly it was found that trees (as represented by the modeled “tree wall”) would block visibility of the Project, even at the conservative 40' tree height. The modeling confirmed views of the Project in other locations. In a small number of cases, further modeling using slightly taller tree heights (where tree

<sup>26</sup> For more information on creating three-dimensional paths and polygons in Google Earth see: <http://www.google.com/earth/outreach/tutorials/annotate.html> and <https://developers.google.com/kml/documentation/altitudemode?csw=1>

heights above 40' could be field verified) showed that existing tree-cover would prevent views of the Project or that the Project would be in view of the resource.

For certain historic properties where additional analysis was desired and where appropriate photographs were available, a digital Photo Overlay<sup>27</sup> was conducted in Google Earth. This permitted a more accurate digital representation of the visual relationship between the Project and the historic properties and helped us to gauge how much of the Project might be visible. This was particularly helpful where the line was located in a new right of way and there was no existing transmission line or cleared vegetation.

For the Photo Overlay, photographs of the historic resource were first inserted into Google Earth at ground-level view, using the GPS coordinates captured when they were taken. The photographs were aligned to the Google Earth topography using vertical and horizontal reference points (buildings, walls, flagpoles, and background terrain). Once aligned to the terrain, the opacity of the photograph could be lessened, making the model of the transmission line appear through the transparency of the photograph, and showing if and where the proposed structures would be seen from that particular vantage point.

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<sup>27</sup> See <http://www.google.com/earth/outreach/tutorials/earthoverlays.html> for more information about the Photo Overlay process.



*Image taken from Google Earth photo overlay of 405 Bell Hill Road (STRK26) showing a view toward the Project from the public right-of-way; photograph shown with no transparency*



*Same image with 75% transparency, showing 3-D model of the Project and 40' line of trees*

The Google Earth Photo Overlay method was not possible for every property. In some cases, because we photographed only from the public right-of-way, no image of the relationship between the line and the historic resource was possible. In other cases there was no visible horizon or alignment feature to align the photograph with the topography. Additionally, photographs shot with a 35mm focal length (50mm equivalent) are optimal for overlaying in Google Earth, thus limiting the framing of a shot in terms of what could be included in the view.

### **G. Cultural Landscapes, Traditional Cultural Places, and Large Area Considerations**

Today there is an increased emphasis on taking a broad, comprehensive, and integrated perspective in assessing historic resources by looking at them as part of larger geographical or cultural groupings. One example of this are cultural landscapes which are “geographic areas, including both cultural and natural resources and the wildlife or domestic animals therein, associated with a historic event, activity, or person or exhibiting other cultural or aesthetic values.” Another example is Traditional Cultural Places (TCPs), properties associated with “the cultural practices, traditions, beliefs, lifeways, arts, crafts, or social institutions of a living community.” Identifying TCPs requires an extensive knowledge of the community and the community’s cooperation to understand what places are significant to it and why.

In conducting field survey and other types of research for this Project we have incorporated these perspectives into our thinking about the historic resources within the APE and the resources we grouped together into areas or districts. A broader geographic view was also an important component of contexts and themes included within the NHDHR Project Area Forms. As an example, roughly half of the Project’s total length, running from Concord to North Woodstock falls within the Merrimack/Pemigewasset River Valley (see “Roads” in linear resources section). Other parts of the Project route relate to other rivers or river valleys (Ammonoosuc, Upper Ammonoosuc, Johns, Connecticut Rivers). Some of the many large rural agricultural groupings that we have identified are defined by their locations such as ridges, river flood plains or intervalles and therefore could be considered cultural landscapes. We also looked for and identified other types of cultural landscapes, such as historically identified forested parkland (e.g., Weeks State Park, Forest Lake State Park, Bear

Brook State Park), village centers, summer lake recreational groupings, neighborhoods areas, and ski slope hill/mountain view areas.

Another type of large-area historic resource is the linear resource. Preservation Company conducted separate assessments for four types of linear resources within the APE: trails, roads, railroads, and the existing PSNH transmission lines. These types of resources are treated separately because they generally cross through multiple towns and include numerous individual components within long corridors. For these reasons, linear resources were not included in the database and do not appear in the town/Project digital mapping. (The Project route corresponds to the route of the existing transmission line, so it does appear on our maps.) Individual Property Assessment Forms were completed for the existing Northern Pass Transmission line and for seven railroads which run through the APE and are found in Attachments C and D. A discussion of our findings relative to Trails and Roads can be found in the Results section of this report.

## **H. Discussion of Research Sources/NHDHR File Review**

In general the information we relied upon in preparing Town Summaries and Historic Resources Assessment Forms for this Project was largely commonly available, non-archival sources. In addition, Project archeological reports provided historic background and Project details were used in particular in the preparation of the Town Summaries. SEARCH's Project Area Forms provided additional contextual information which was incorporated in Town Summaries and individual assessment forms. The results of an NHDHR file search completed in December 2014 and January 2015 provided information on previously identified historic properties, including National Historic Landmarks, National Register of Historic Places, NHDHR individual, project area and town wide forms, and other types of official documentation such as barn surveys and planning surveys.)

Public comments from the four 2013 and seven 2011 public scoping meetings held by DOE were also reviewed for their relevance to historic properties. Master plan information for each town was also reviewed.

Other readily available online sources were also consulted in some cases. On-line research was conducted only to answer key questions when information was readily accessible using basic search engines. Historic maps including the county wall maps of 1856-1861, the 1892

Hurd atlas, historic USGS maps and historic aerial images from [Historicaerials.com](http://Historicaerials.com) were used in some instances. *Ancestry.com* sources, including the U.S. Census, City Directories, Family Trees, Social Security Death Index, etc., were consulted for some properties. Limited deed research for a few properties was conducted, aimed at specific questions and was only done to the extent the sources are available on-line. Town histories indexed in Google Books or [Archive.com](http://Archive.com) were consulted in a very few cases. Tax records and GIS mapping were consulted for each town (although these were not available for a number of towns). Limited bibliographical information was included in the forms, database or Town Summaries that are a part of this report.

## **I. Avoidance, Minimization and Mitigation**

The Project's largest single effort to avoid/minimize effects to historic resources has been the modification of its original design to build 60.5 miles of the transmission line underground. The largest underground section begins in Bridgewater and continues north through the towns of Plymouth, Campton, Thornton, Woodstock, Easton, Franconia, Sugar Hill and Bethlehem under Route 3, Route 112, Route 116, Route 18, and Route 302. This modification addresses historical, environmental, and scenic issues related to the original route which traveled above ground through the towns of Holderness, Campton, Thornton, Woodstock, Lincoln, Easton and Sugar Hill. The underground section eliminates some 283 historic properties from the Project's visual APE in these nine towns and avoids several large historical agricultural districts in Sugar Hill and Campton and historic summer residences in all towns. It also avoids an above-ground crossing of the National Register-eligible Appalachian Trail. The underground line through sections of Stewartstown, Clarksville, and Pittsburg also avoids effects to known and potential historic resources.

The Project has also made adjustments along the overhead route to minimize the effects of the Project on specific historic properties. We provided information about potentially affected historic resources and the nature of the potential effects to Project managers and engineers, and we discussed possible design changes with them. The Project modified the design in certain locations, replacing galvanized steel lattice structures with monopoles of weathering steel construction. The monopoles are a darker color and have a smaller silhouette/profile and simpler visual form than the lattice design; in certain settings, their use can reduce contrast in form and color with the surrounding landscape. For a few properties,

the Project moved structure locations to avoid positioning a structure where it would be directly in the main view of a historic resource or would create a focal point that distracts from the appreciation of an historic resource.

The following table summarizes the design changes that were made for historic properties.

RESOURCE ID NUMBER	ADDRESS/NAME	AVOIDANCE/MINIMIZATION
ALLE63	Bear Brook State Park, Allenstown	Lattice structures will be replaced with weathering steel monopoles within and in view of the park
PEMB01	621 4th Range Road, Pembroke	Plantings on land between the Project and the house will be designed to screen it from view and will eliminate an adverse effect to the property
PEMB37	Montminy Farm, 105 N. Pembroke Road, Pembroke	Two lattice structures will be replaced with two weathering steel monopoles
PEMB32	Bachelor Farm, Pembroke	Replacing one lattice structure with a weathering steel structure that may be visible from one location eliminates an adverse effect to the property.
FRAN62	Franklin Falls Dam, Franklin	Four lattice structures will be replaced with weathering steel monopoles; the height of one structure will shift
BRIS10	Locke Road Neighborhood, Bristol	Two lattice structures will be replaced with weathering steel monopoles; the new design permits 15' of vegetative buffer on the southwest edge of the ROW
BRIS51	Jeffers Farm, 171 Jeffers Road, Bristol	Two lattice structures will be replaced with weathering steel monopoles
ASHL45	Boston, Concord and Montreal Railroad Bridge, Ashland	A lattice structure will be moved north away from the river and replaced with a weathering steel monopole; this change will likely eliminate the Project's adverse effect on the property
BETH12	The Rocks, Bethlehem	The extension of the underground section will eliminate any indirect adverse effects to the property; use of weathering steel monopoles to the north further minimizes effect

<b>RESOURCE ID NUMBER</b>	<b>ADDRESS/NAME</b>	<b>AVOIDANCE/MINIMIZATION</b>
BETH16	Baker Brook Cabins, Bethlehem	The extension of the underground will eliminate views of the line from cabins on the south side of the road across the pond. However the new underground will require the demolition of one contributing building for the construction of the transition station. There will be a view of the new transition station in the view of the cabins when traveling west. Monopoles to the north (to minimize views from the Rocks Estate) reduce visibility of the line from northern cabins.
WHIT02	Burns Lake Property, Whitefield	A total of 18 lattice structures will be replaced with weathering steel monopoles to minimize effects to WHIT02 and WHIT132
WHIT49	Mountain View Grand, Whitefield	A total of 12 lattice structures will be replaced by weathering steel monopoles to minimize effects to this resource
WHIT132	248 Kimball Hill Road, Whitefield	A total of 18 lattice structures will be replaced with weathering steel monopoles to minimize effects to WHIT02 and WHIT132
LANC42	North Road Agricultural District, Lancaster	Six lattice structures will be replaced with weathering steel monopoles
STRK14	Northside Road Agricultural Area, 404, 496 Northside Road, Stark	Lattice structures will be replaced with weathering steel monopoles in this area
STRK26	405 Bell Hill Road, Stark	Lattice structures will be replaced with weathering steel monopoles in this area

## V. Results of Historic Resources Assessment

### A. Explanation of Components of Assessment

The results of the historic resources assessment for each town having potentially affected resources consist of the components described below.

#### 1. Town Summaries and Mapping

Town Summaries include the overall results of the Historic Resource Assessment for the town, an overview of the historic properties within the APE, an abbreviated geographical and historical context relative to the project area, and general description of the existing and proposed transmission line in each town. They also include screen shots of the KMZ mapping files for each town (see discussion below under “KMZ Files”). These maps show the parcels associated with all pre-1968 resources within the APE in that town.

Parcels on the maps are outlined in colors that relate to the resources’ visual relationship to the Project (using the same color scheme as the “Category” column in the database). Thus:

**Yellow** These are properties where viewshed mapping and field survey showed no views of the Project; basic identification/descriptive information on these properties appears in the database, but no further analysis of these properties was completed.

**Blue** These are properties where viewshed mapping and/or field survey found very isolated, limited, or minimal views of the Project (or views unrelated to the property’s significance); in addition to basic identification/descriptive information, further explanation of the property’s visual relationship to the line is provided in the “Visual Relationship to Project” column of the database.

**Green** These are properties where viewshed mapping and/or field survey identified more than minimal potential views of the Project; *Historic Resources Assessment Forms* were completed for these properties (including potential National Register significance and effects analysis).

**Red** These are properties for which *Historic Resources Assessment Forms* were completed and after analysis, they were considered to be potentially National Register-eligible and potentially adversely affected by the Project.

**Brown** These properties date from between 1966-1968 and do not currently meet the National Register 50-year age-eligibility criterion. Basic identification/descriptive information for them is provided in the Database.

In addition, **Aqua** properties are those that are already listed on the National Register of Historic Places, or the New Hampshire State Register of Historic Places or which are National Historic Landmarks. (Properties determined eligible for the National Register and historic properties previously identified in other ways are noted in the database but are not given a particular color in maps and in the database.) The documentation for these resources is available at the NHDHR. National Register and National Historic Landmarks documentation is also available online at: <http://www.nps.gov/nR/research/>.

## **2. Historic Resources Database**

The database lists properties constructed before 1968 in the APE for the town. Properties outside of the APE were also included when they were close to, or straddled, the APE or when they were near the APE and were previously recognized historic resources. An explanation of certain fields in the database follows:

### *Category*

Properties are identified by color relative to the extent to which they may be affected by the Project. The same color scheme used in the mapping has been used in the database. (See above.)

### *ID*

This is a unique identifier created for each historic resource in the APE. The first four places/letters are an abbreviation of the town and the next digits represent a number assigned to the resource in that town. The property ID is used to refer to the same resource in the database, on the mapping and photography files as well as on the individual *Historic Resources Assessment* forms completed for “green” and “red” resources.

### *Single or Multiple*

The “S or M” in this column explains whether the property consists of a single resource (i.e., a single building, or one farm) or multiple resources (i.e., a grouping of multiple buildings that are unrelated but geographically close, or a potential historic district). The word

“district” appears in the name of potential historic districts, while unrelated but geographically linked resources are generally referred to as “area.”

#### *Property Information*

This provides a short description of the property; specific construction dates are generally taken from town tax cards and do not reflect date research. For “green” and “red” properties this information is located in the *Historic Resources Assessment* forms.

#### *Photo ID*

This field lists the photo numbers that correspond with each property. All photo files are JPG files that include GPS information. Some additional images are included in Assessment Forms where relevant. Other views, and views of some properties which did not have Assessment Forms prepared, have been archived but are not included in this report.

#### *DOE/DHR and Previous Determinations*

This column lists previously identified historic resources. “NHL” indicates that the resource is a National Historic Landmark; “NR” indicates that the resource is listed on the National Register of Historic Places; “SR” indicates the resource is listed on the New Hampshire State Register of Historic Places; “DOE” indicates that the resource has been determined eligible for the National Register; “DOE (Not Eligible)” indicates that the resource was determined not eligible for the National Register.

#### *Visual Relationship to Project*

This describes the resource’s visual relationship to the Project. For “green” and “red” properties this information is discussed in the *Historic Resources Assessment* forms.

### **3. Historic Resources Assessment Forms**

*Historic Resources Assessment* forms were completed for all properties (individual and multiple resources) in the database where viewshed mapping or onsite survey indicated more than minimal potential views of the Project. Certain towns (Epsom, Plymouth, Jefferson, Littleton, and Dixville) did not have any resources in this category and therefore no forms were prepared for resources in these towns. The forms include the following sections:

### *Property Description and Setting*

This section includes a summary description of the property and its setting and the property's geographic relationship to the Project. It also includes a description of the visual relationship between the property and the transmission line, the distance between the historic resource and the transmission line and other relevant information.

### *National Register Eligibility Analysis*

This section analyzes whether the property appears to possess the requisite significance and integrity to potentially qualify for the National Register; if it does, a discussion of the appropriate boundary for the property is included. (This analysis is principally for use in the Northern Pass SEC application; it complements, but is not intended to replace the standard eligibility process under Section 106.)

### *Assessment of Potential Visual Effects*

Those properties that appear to qualify for the National Register were further analyzed to understand what the potential effects of the Project would be on the resource. (Again, this analysis is principally for use in the Northern Pass SEC application; it complements, but is not intended to replace the standard eligibility process under Section 106.)

### *Supporting Materials*

Photographs of the property are included here along with maps showing the property (with parcel boundaries outlined) on a Google Earth map and the same map with the viewshed map superimposed.

## **B. Historic Resources Assessments**

### **1. Town-by-town Assessments** (See Attachment A)

(Assessments are organized by town geographically from south to north.)

### **2. Deerfield Substation to Scobie Pond Substation Transmission Upgrades** (See Attachment B)

### 3. Linear Resources

#### Trails<sup>28</sup>

There are no historic long-distance hiking trails in the Visual APE that qualify as linear historic resources. Known hiking trails in the APE are confined to several state parks and public recreational properties that have been analyzed as historic districts, with trails as one component. The White Mountain National Forest trails, the many hiking trails maintained by the Appalachian Mountain Club and other organizations, the Appalachian Trail, Franconia Notch State Park and other White Mountains resources are all well outside the APE for the above ground segments of the Project. Any trails within the APE for the underground segments of the Project will not be visually affected.

Hiking trails within the visual APE for Historic Resources include those located in Bear Brook State Park, in Allenstown and Deerfield, Weeks State Park in Lancaster and The Rocks Estate of the Society for the Protection of New Hampshire Forests in Bethlehem; each of these has been assessed for potential visual effects by the visual consultants for the Project, DeWan & Associates. In none of these locations will historically significant trails be adversely affected by the Project. In Bear Brook (ALLE63), the proposed overhead transmission line will not be substantially visible from any trails, except where the line crosses the northwestern corner of the large park. The Black Hall Road Trail is an abandoned local road between Deerfield Road and River Road in Epsom, added to the state park in 1965 and the only one of the 26 trails in the park intersected by the transmission line. The Project will be minimally visible from the CCC-built Catamount Hill Trail, outside the APE for historic resources. In Bethlehem, The Rocks Estate (BETH12) is within the APE, but because the line is now planned to be underground in this area, no trails will have the Project in view. Weeks State Park (LANC02) straddles the western edge of the APE in Lancaster. Mount Prospect is heavily wooded and there are no views of the Project from the five miles of hiking trails in the Park, although views from historic overlooks in Weeks State Park will be affected.

There are also historic trails, likely built by the Civilian Conservation Corps, in Forest Lake State Park in Dalton (DALT16) and in Pawtuckaway State Park in Nottingham and Deerfield

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<sup>28</sup> Native American trails, such as those which appear in Chester Price's *Historic Indian Trails of New Hampshire* are discussed in the Project archaeology reports.

(See Scobie Pond Town Summary). However, in both cases, the trails are a significant distance from the Project and they will not be affected by it. In Coleman State Park in Stewartstown, the few older trails do not have potential views of the Project. Trails in the Pondicherry National Wildlife Refuge in Whitefield, Jefferson and Carroll do not appear to be historic, except for the rail trail. The Pondicherry Wildlife Refuge, a division of the Silvio Conte Wildlife Refuge, was created from former timberland beginning in 2000. In the APE, the former railroad bed of the Whitefield & Jefferson RR, a branch of the Boston, Concord & Montreal is now maintained as walking trails, but it does not have historical significance as a trail.

The Appalachian Trail does not pass within the visual APE for the above ground Project. The nearest it comes is in Bethlehem, where the AT is over eight miles away from the Project. The Appalachian Trail crosses the underground portion of the Project in Woodstock on Route 112, a half mile northwest of Lost River Reservation/Gorge, but the underground will have no visual effect on historic resources. The Appalachian Trail in New Hampshire is eligible for the National Register (2013 letter Wendy Janssen NPS to Brian Mills) however a draft National Register of Historic Places Multiple Property Documentation Form for the trail has not been finalized.<sup>29</sup> According to the nomination form, eligible segments of the AT are significant at the national level under Criterion A in the areas of Entertainment/Recreation and Conservation and meet Criteria Consideration G for properties that have achieved exceptional significance within the past fifty years. The Appalachian Trail was built between 1925 and 1937, incorporating some older trails. The 161-mile long New Hampshire section was completed in 1932. In 1968, the AT was designated a National Scenic Trail, under the National Trails System Act. The southwest end of the AT in New Hampshire is maintained by the Dartmouth Outing Club, a short two-mile stretch by the Randolph Mountain Club and the rest by the Appalachian Mountain Club. A total of 117 miles of the AT are within the White Mountain National Forest.

Another long-distance hiking trail within the APE is the Cohos Trail, a relatively recent (less than twenty years old) long-distance trail, which does not meet the age threshold for National Register eligibility. The Cohos Trail extends 165 miles through New Hampshire from

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<sup>29</sup> The "Historic Resources of the Appalachian National Scenic Trail" MPT was prepared by The Public Archaeology Laboratory, Inc. (PAL) of Pawtucket, RI.

southern Crawford Notch in the White Mountain National Forest to the Canadian border at Pittsburg, incorporating new sections and sections of pre-existing trails, including WMNF trails, woods roads, snowmobile trails and public roads. It is not a historic resource although it includes older roads and trails. According to the Cohos Trail website, Kim Robert Nilsen came up with the concept in 1978, but it was 1998 before work began in earnest. The trail passes within the visual APE in several places and it intersects with the proposed transmission line in Stark, Dixville and Stewartstown. In Jefferson, the Cohos Trail passes through the Pondicherry Wildlife Refuge and follows the Starr King Trail and Kilkenny Ridge Trail through the northern WMNF east of the APE. From NH Route 110 in Stark, the Cohos Trail crosses the Ammonoosuc River via the Bell Hill Road Bridge. The existing transmission line intersects the Cohos Trail on the Pike Pond Trail, a woods road into the southeast corner of the Nash Stream Forest. The APE includes the southern edge of the Nash Stream Forest, which is timberland with a logging road network acquired by the State in 1998. The trail goes through the Percy Peaks which are outside the APE. To the north in Dixville, the proposed new transmission line ROW intersects the Cohos Trail on the Nathan Pond Trail, which is an ATV trail not a historic hiking trail. In Stewartstown, the Cohos Trail passes through Coleman State Park (outside of the APE), where there are no potential views of the Project from the Trail, and follows Diamond Pond Road and Heath Road, both local roads from which the Project will be visible south of the State Park. In Clarksville, the Cohos Trail is over two miles east of the Project.

### Roads

Roads (as primary elements of historic properties, rather than as elements of historic districts) are another type of linear historic resource within the APE. There are untold numbers of pre-1965 roads within the APE, varying from segments of turnpikes, to expressways, to segments of “range roads.”<sup>30</sup> Like other historic resources, roads must have significance under one or more National Register criteria and retain integrity. With the exception of small sections of roads, in general, we have not identified roads within the APE that fall under an area of historic significance, such as recreation or landscape architecture, which would likely be

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<sup>30</sup> The term “range roads” relates to the grid system used to originally lay out lots in many New Hampshire towns. In particular, Pembroke retains these roads, which can easily be seen on maps and aerial photographs as straight roads intersecting at 90 degree angles. In Pembroke the roads roughly align with the Merrimack River. None of these roads will be altered or changed as a result of the Project.

affected by the Project.<sup>31</sup> Typical examples of roads that qualify for the National Register under these criteria would be park roads, such as the Blue Ridge Parkway, and Skyline Drive. Examples of New Hampshire roads that likely would meet these National Register criteria are the Kancamagus Highway and the Mt. Washington Auto Road, neither of which is within the APE for the Project.

Roads also need to retain integrity for their period of significance, and roads within the Northern Pass APE, like most roads generally, evolved over time as improvements in route, geometrics, sight distance, grades, and curvature were made. They were not constructed “of a piece,” (that is, in a single building campaign without significant changes thereafter), so they often don’t retain their integrity for a particular historical period.

We did consider roads as part of large-scale cultural landscapes. For instance, the central route along the Merrimack and Pemigewasset Rivers is one of the oldest transportation corridors in the state. Over centuries, Native American footpaths, trails, roads, trunkline highways as well as boats and trains have all used this natural route up to the interior of the state. Roads following the Merrimack and Pemigewasset between the Massachusetts border and the state’s North Country were first stitched together into a complete route around the turn of the century. In 1897, Frank Rollins, popularized the idea of a “state boulevard” from the Massachusetts state line “...up the valley of the Merrimac to Franklin and on up the Pemigewasset Valley to the White Mountains.” In 1907, the legislature designated this route the Merrimack Valley Road. It was the center of the state’s three major trunk lines between the southern parts of the state north to the White Mountains. By 1914, the route was marked by distinctive green and white bands on telephone poles or trees. In 1920 it was renamed for New Hampshire icon Daniel Webster. Two years later, it became Route 6 in the New England Interstate system and in 1926 it was integrated with the U.S. numbered highway system as Route 3, which eventually stretched from Nashua to New Hampshire’s international boundary with Canada. The “state boulevard” concept carried over to the latter half of the 20th century with the construction of Interstate 93.<sup>32</sup>

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<sup>31</sup> The auto road to the Weeks Estate perhaps represents such an example of a road constructed with a view in mind. We considered this road as a component of the Weeks State Park Area (see LANC02).

<sup>32</sup> Route 3 from Boscawen north to Bridgewater is located within the visual APE for the Project. In addition, a segment of the underground part of the Project includes Route 3. “Scenic” elements of Route 3 (that might, for instance, have been noted in the *WPA Guide to New Hampshire*) have continued to evolve with losses of historic

Although no roads were considered as separate resources in this study, historic resources located along them were considered both individually and, as relevant, as a district/grouping which could include the road.

### Railroads (See Attachment C)

### Transmission Lines (See Attachment D)

## **4. Underground Route Sections**

### Methodology

Because there will not be indirect/visual effects in areas where the transmission line is proposed to be buried under existing roadways, Preservation Company used a different methodology for evaluating effects to historic resources in these locations. Our methodology followed the APE for direct effects covering the underground segments of the line established by DOE which is 20' from the edge of pavement on either side of the road in question. We completed fieldwork in the APE for underground areas in September 2013 (for the northernmost 8 mile section) and in December 2014 (for the expanded 52.5 mile section). In these areas we drove the underground route using available location and parcel mapping supplied by the Project. (Because the mapping did not include the edge of the traveled way, the 20' APE had to be estimated.) Using a camera with GIS capability, we photographed pre-1966 buildings as well as elements of traditional cultural landscapes/designed historic landscapes/historic planting schemes in or near the APE. The latter included cemeteries, as well as fencing, gates, walls, and mature trees/vegetation that related to the setting of historic properties. In the photographs we generally showed the resource's relationship to the road/potential transmission line location.

Field data was reviewed in the office, and the photographs (which had GIS-embedded information) and Google Earth satellite imagery were used to determine the exact location of

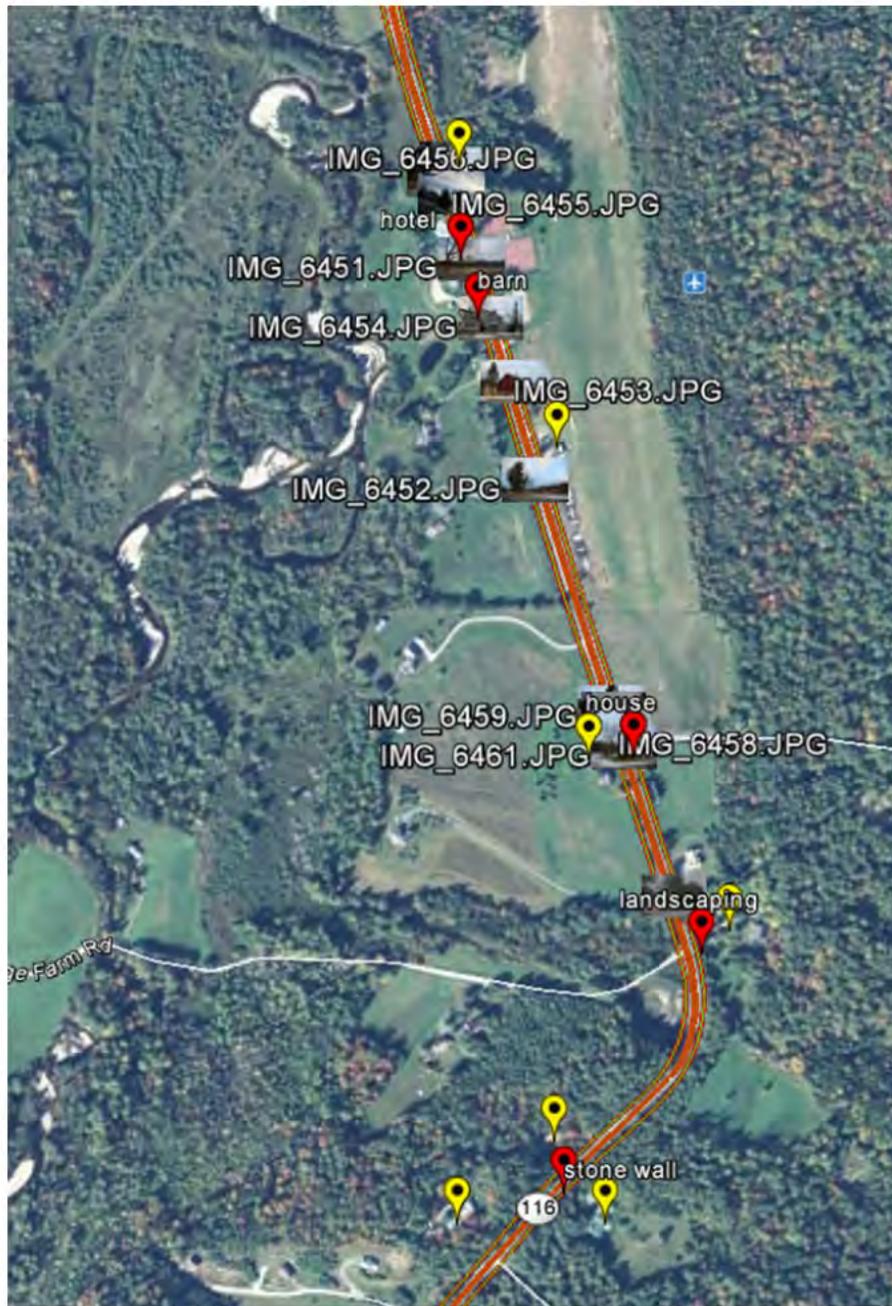
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agricultural properties and their settings, and construction of late twentieth century commercial structures and housing. The route's overall historic integrity for its period of significance (when it was designated as the state's central Trunk Line) also is likely compromised. Interstate 93, which goes from the border with Massachusetts to the border with Vermont in Littleton, NH, comes within the visual APE for the Project between Concord and Northfield and then again from New Hampton to Ashland. Although I-93 dates from the early to mid-1960s for the segments within the APE, it was not assessed as an historic resource because the entire Interstate Highway System is exempt from Section 106 under a 2005 Nationwide Programmatic Agreement.

or with the 20' APE. (The entire underground route was reviewed on Google Earth Streetview.) Resources were marked on Google Earth using yellow, red or blue colored pins. Buildings fifty years old or older are highlighted with yellow pins. Potentially significant structures within the APE were marked with red pins. The route was marked with a "bin grouping" or "landscaping." Bridges and structures are marked as "Bridges," and Google Earth KMZ files are marked with "M" for maps. Structures were photographed, however, not all are accessible. Linear resources within the 20' APE were marked with red pins to show the beginning and end of the resource.



Example of Preservation Company mapping of the underground route showing parcels with historic resources (red pins)



Same site, with geo-located photos shown



photo of Willow Cemetery

urban area with we have numerous buildings near the road. Because of the end of individual photographs of each building and walls were beginning and end of the Plymouth urban area and are linked of the street.

Conclusions

We identified historic resources along a ground route. It appears that historic resources will be affected by the Project to three factors. First, the road will be widened portion of the road so it will be divided into adjacent parcels with historic resources. Second, street bridges along the route since directional

drilling will be used to place the line underwater at these locations. Third, no stone culverts were identified on the underground route as researched in the NHDOT-funded *Stone Highway Culverts in New Hampshire* Multiple Property Documentation or identified during on-site survey. For these reasons it appears unlikely that the Project could result in adverse effects to historic resources in the underground segments of the Project.

## **Attachment A: Historic Resource Assessments**

1. Deerfield
2. Allenstown
3. Epsom
4. Pembroke
5. Concord
6. Canterbury
7. Boscawen
8. Northfield
9. Franklin
10. Hill
11. Bristol
12. New Hampton
13. Bridgewater
14. Ashland
15. Plymouth
16. Bethlehem
17. Dalton
18. Whitefield
19. Jefferson
20. Lancaster
21. Littleton
22. Northumberland
23. Stark
24. Dummer
25. Millsfield
26. Dixville
27. Stewartstown (see also underground section)
28. Clarksville (see also underground section)
29. Pittsburg (see also underground section)



# Northern Pass Project Historic Resource Assessment

## *Town Summary*

### DEERFIELD

#### *Summary of Historic Resources and Effects*

One-hundred-eighteen (118) properties or areas/districts with buildings estimated to be fifty years of age or more were identified in the two-mile wide APE in Deerfield. Fourteen (14) properties or areas/districts were both shown on the viewshed maps and confirmed in the field to have potential views of the Project. Eleven (11) individual and three (3) Large Area/District Historic Resource Assessment forms were completed for those resources. Two individual property resources – 235 Middle Road and one of the historic resources on 65 Nottingham Road property – appear to be National Register of Historic Places eligible and to have potentially adverse effects from the Project. One (1) previously listed National Register Historic District (Deerfield Center Historic District) and eight (8) potentially eligible individual and area resources appear not to be adversely affected. One (1) resource appears not to be National Register eligible as an area, but the resources in it may be individually National Register eligible but they appear not to be adversely affected. Three (3) individual resources appear not to be National Register eligible.

#### *Previous Historic Resources Documentation*

Two (2) individual properties and districts in Deerfield are listed in the National Register of Historic Places, both of which are located within the APE. The Deerfield Center Historic District with seventeen (17) resources along Church Street within the APE was placed on the National Register of Historic Places in 2002. The Historic District includes the Deerfield Town Hall, 10 Church Street, which had previously been individually listed in the National Register of Historic Places in 1980. One Deerfield property on Stage Road, the Pawtuckaway CCC Camp Recreation Hall located on the Deerfield Fairgrounds, is listed in the New Hampshire State Register but it is over 1.3 miles south of the APE. In 1984 a cultural resources survey of Deerfield was prepared by the Southern New Hampshire Planning Commission for planning purposes. In 2000-2001 a townwide barn survey was completed, also for planning purposes. Both of these surveys include many of the historic resources located within the APE. The 2008 Master Plan mentions some areas with historic resources that were identified by Southern New Hampshire Planning Commission in 2006 as the town's greatest regional assets. The historic resources included the historic old center on Meetinghouse Hill Road, within the APE; the other historic resources (Deerfield Fairgrounds and historic resources at the intersection of South and Candia roads) are all 1.3 miles or more away to the south of the APE. Three of the historic villages identified in the 2008 Master Plan are located within the APE. The Project passes to the south of the Parade and several of the historic resources in the potential district have isolated views. The Project also passes to the south of the Old Center Village but there are no views. In Deerfield Center, the Project passes diagonally to the northwest of the village but any isolated views include modern intrusions. Otherwise, the 2008 Master Plan generally does not identify specific historic

resources within the town but recognizes the historic and cultural significance of its natural and scenic resources and rural landscapes.

### *Geographical and Historical Context*

Relevant historical contexts for the city of Deerfield are discussed in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH. Property types within the APE in Deerfield include residential, agricultural, religious, civic, public, educational, cemeteries, and recreational-related resources.

Deerfield is a town in the northwest part of Rockingham County with a population of just over 4,400. The population is scattered throughout the town in village centers and along the many ridge roads and other local roads. The terrain is gently rolling hills or ridges separated by low-lying areas often with wetlands. The elevations increase to the north towards Saddleback Mountain and to the south towards Pawtuckaway Mountain. Higher hills within the APE include Mt. Delight, Willow Hill, and Adams Hill. Within the APE, a highpoint, Chase's Hill, is at the intersection of Meetinghouse Hill Road and Old Center Road, the site of the first meetinghouse and Old Center Village. The ponds, streams, and wetlands drain into several systems. Those to the south and east drain into the Lamprey and North Branch Rivers, which are part of the Great Bay and Piscataqua River watershed to the east. In the north part of town the drainage flows to the west into the Suncook River and Little Bear Brook at the west edge of town within the APE, which are part of the Merrimack River watershed.

Roadways run generally north-south or east-west at regular intervals within the town. Characteristically of eighteenth- or nineteenth-century roadways they tend to run along ridges or along lower lying areas between the ridges. No interstate and only two state highways run through the town. NH Route 143 is a generally north-south route that runs through the middle of town including through Deerfield Center. NH Route 107 runs diagonally across the town from southeast to northwest, overlapping with NH Route 143 in the vicinity of Deerfield Center. The railroads bypassed the town, passing to the south in the neighboring towns of Candia and Raymond and to the west in Allenstown.

The town of Deerfield was incorporated in 1766 but European settlement dates to the 1730s at which time it was the southwest parish of Nottingham, the town to the east. The history of the town is overwhelmingly agricultural and that history remains evident across much of the landscape including within the APE. The historic village of Deerfield Parade was an early postal route between Concord and Portsmouth. Summer tourism supplemented the agricultural economy in the late nineteenth century on a small scale. By the latter half of the nineteenth century increasing numbers of residents worked in nearby towns and cities. According to the town website and the 2008 Master Plan in the twentieth century, especially in the second half, the town increasingly became home to increasing numbers of residents commuting to nearby cities and towns for employment, yet still retaining its agricultural landscape. The town remains largely a residential and agricultural landscape, with little industrial or corporate business development.

Two state parks, Pawtuckaway Park and Bear Brook State Park extend into Deerfield but most of their land is in neighboring towns to the east and west. Only the very northeast

corner of Bear Brook State Park falls within the APE, and it includes no historic resources. Only the southwest corner of Pawtuckaway Park is located in Deerfield and that section is one mile or more south of the APE. The Deerfield Fairgrounds, in the south part of town is a ninety-eight-acre parcel on Stage Road, 1.4 or more miles outside the APE. The Deerfield Fair was officially established in 1924 as the Deerfield Fair Association, though the first fair dates back to 1876 according to local history sources. The fairground site, which includes multiple agricultural and exhibition-related buildings, was originally an old CCC camp established in the 1930s to work on developing the nearby Pawtuckaway State Forest.

Historic villages, notably Deerfield Parade/Deerfield Village and Deerfield Center, and expanses of historic farmland with farmsteads interspersed with twentieth-century residential development arrayed laterally along the roads characterize much of the APE. Many of the agricultural properties are located along the several ridge roads that run east-west across the town. The ridges attracted early settlers for the cultivable land on the elevated plateaus, with land on the sloping hillsides suited to wood lots but also meadows. The APE contains a mix of eighteenth- through twentieth-century resources, predominantly farm houses and outbuildings or single-family houses on parcels of varying acreage, including small town lots and large farm properties. The APE also includes multiple cemeteries, mostly small family plots but also one of the earliest in town, created next to the eighteenth-century meetinghouse (demolished) on Chase Hill in the Old Center Village. The types and styles of the historic resources are characteristic of southern New Hampshire's historically rural communities located near larger urban areas. They include agricultural, institutional, civic, commercial, and residential buildings in a range of styles including Georgian, Federal, Greek Revival, Italianate, Classical, and Craftsman. The residential forms include center-chimney, colonials, capes, L-houses, end houses, gable blocks, bungalows, transitional ranches, modern capes, and ranch houses. A number of the farm properties have connected farmsteads, common to nineteenth- and early-twentieth-century rural New Hampshire. A number of the agricultural historic resources retain their historic land use patterns including stone walls.

#### *History of the Transmission Line in Deerfield and Existing and Proposed Structures*

The first PSNH line easements in this section date from c.1926, c.1930, and c.1953-54. The easements were expanded c.1953-54 and c.1978. From the Deerfield substation, where the Project terminates, west for 3.5 miles the structures of the two existing 115-kV lines (one built c.1953, the other built c.1973) range in height from 47.5' to 92.5'. One of the 115-kV lines then crosses over to another transmission corridor to the southwest while the other 115-kV line continues west on the north side of the ROW on structures that range in height from 47.5' to 92.5'.

The proposed 345-kV line will be located on the south side of the corridor for its full length in Deerfield supported on structures ranging in height from 70' to 155'. In the east half of the corridor one existing 115-kV line will remain in place along the north side of the corridor. The other 115-kV line will be relocated to the center of the corridor on structures ranging in height from 74.5' to 105'.

*Route Description*

The Project runs seven (7) miles east-west roughly through the center of Deerfield between the Deerfield Substation to the east and the town boundary with Allenstown to the west. It passes diagonally along the north edge of Deerfield Center village and to the south of the Deerfield Parade and the Old Center villages. The historic resources within the APE include a mix of building types and styles common to the eighteenth through twentieth century in southern New Hampshire rural communities located on mostly rural and local roads, some of which overlap with state highways.

For much of its length the Project passes near historic resources either to the north or south. The Project begins in Deerfield at the Deerfield substation less than 0.25 miles east of Cate Road and just northeast of a nineteenth-century farm with historic views to the south, away from the Project. After crossing Cate Road the Project passes to the north of historic resources along Nottingham Road. These resources have no views or the Project crosses a portion of a parcel that does not relate to the property's significance. The Project then crosses Nottingham Road and continues west passing south of a large potential historic district, The Parade/Deerfield Village (DEER05), a nearly 1.5 mile long linear cultural landscape with a collection of eighteenth- and nineteenth-century village houses and farms, a cemetery, open fields, and stone walls. It crosses the south ends of several parcels with historic resources but in locations no longer visually connected to the historic district resources. In one location, 65 Nottingham Road, the ROW crosses a part of a parcel that has a historic resource, a c.1960 log cabin (DEER138) that has a different period of significance from the other nearby resources in the Deerfield Parade Historic District. Due to the proximity of the Project there will be substantial views from this single historic resource. There are several isolated views from within the potential historic district, but they do not diminish the integrity of the historic setting of the potential historic district.

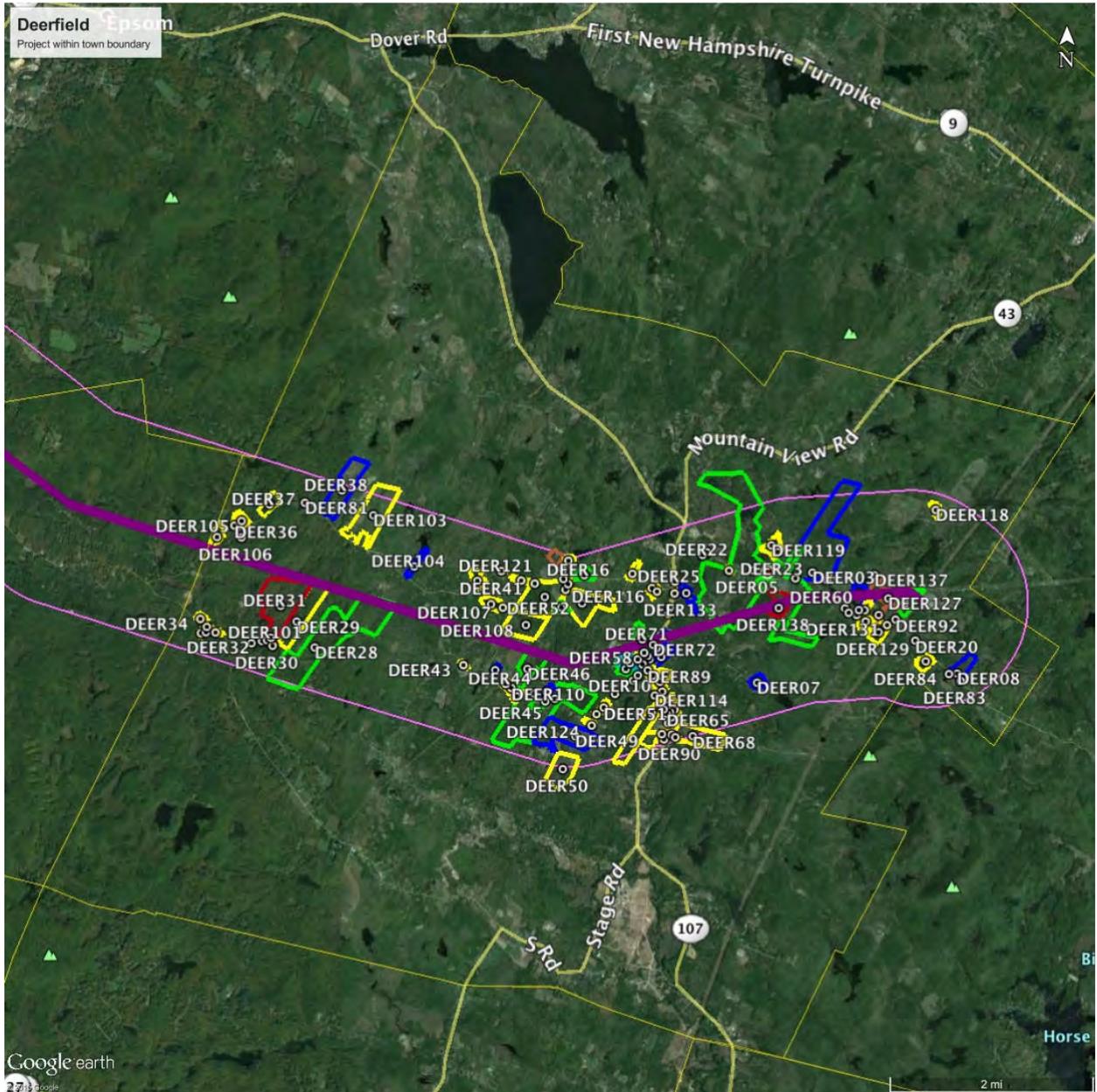
The Project then crosses Mountain Road to the south of a small area of eighteenth- and nineteenth-century village houses on Mountain Road and James City Road. There are no views from these resources due to distance, topography, and mature vegetation screening. The Project then crosses North Road just north of the historic village of Deerfield Center and is at its closest point to a group of historic resources. Along North Road it passes north of some altered late nineteenth-century houses and an altered barn on the edge of the village center, some of which lack integrity and significance, and others of which have no views. The Project continues to the southwest passing just north of the National Register of Historic Places Deerfield Center Historic District on Church Street, a collection of nineteenth- and twentieth-century religious, civic, institutional resources. Within the historic district there are only a few isolated views which also include modern intrusions.

After crossing Church Street, the Project continues southwest and west through a low-lying area north of a collection of agricultural properties with some twentieth-century residential infill, along Ridge Road and south of Meetinghouse Hill Road and Mt. Delight Road, also lined with a mix of eighteenth- through early-twentieth-century agricultural properties and twentieth-century residential infill. While there are some intermittent and distant views from a few properties, these are in locations not related to their significance or the views are minimal and distant. The Project continues west after Ridge Road intersects with Middle Road passing to the north of some additional eighteenth- through early twentieth-century

Deerfield

agricultural properties with some twentieth-century residential infill. In one location, 235 Middle Road, the Project is visible in the main public views of the historic resource. In this stretch the Project also continues to pass to the south of Mt. Delight Road. Soon thereafter the Project passes into Allentown after crossing Mt. Delight Road where there are some eighteenth- and nineteenth-century farms, a later layer of 1950s and 1960s houses, and two small cemeteries. Most have no views or only small and isolated views from secondary parts of the property but not from the buildings.

Mapping – Project within Town Boundary Map



# Town Summary

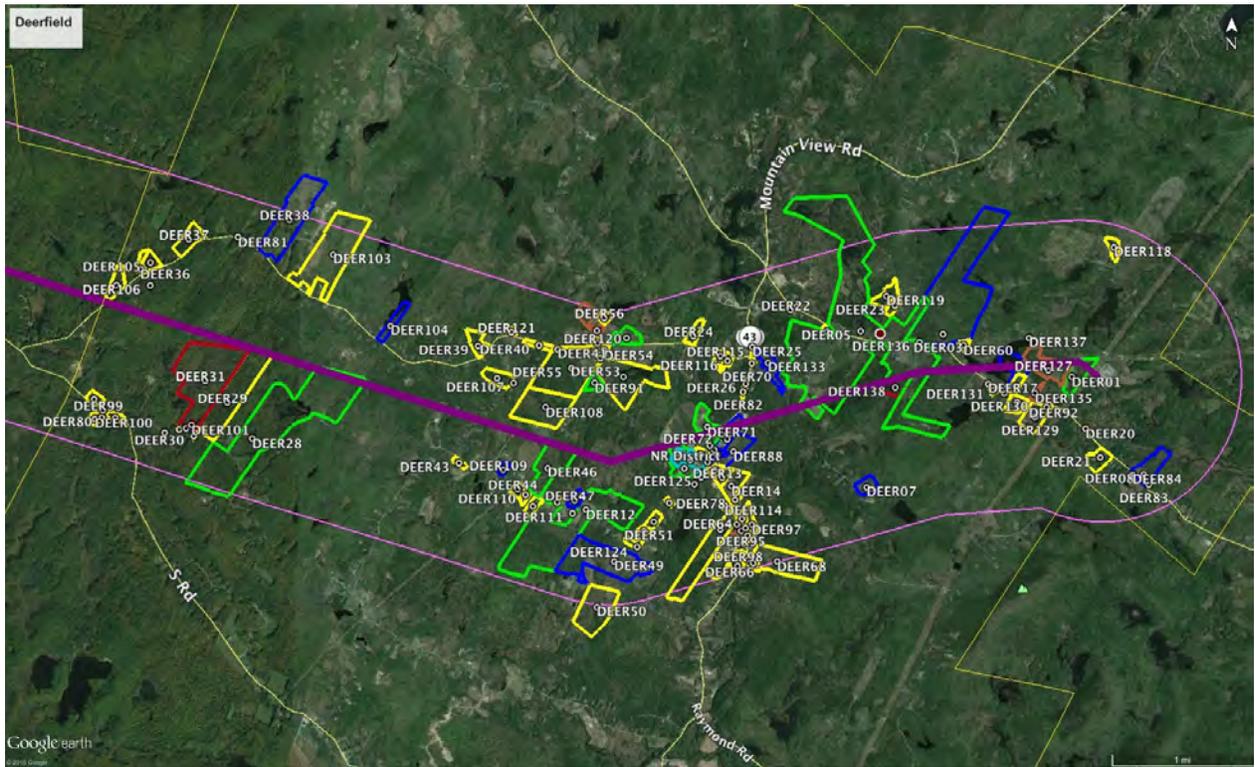
## Deerfield

### Map Key

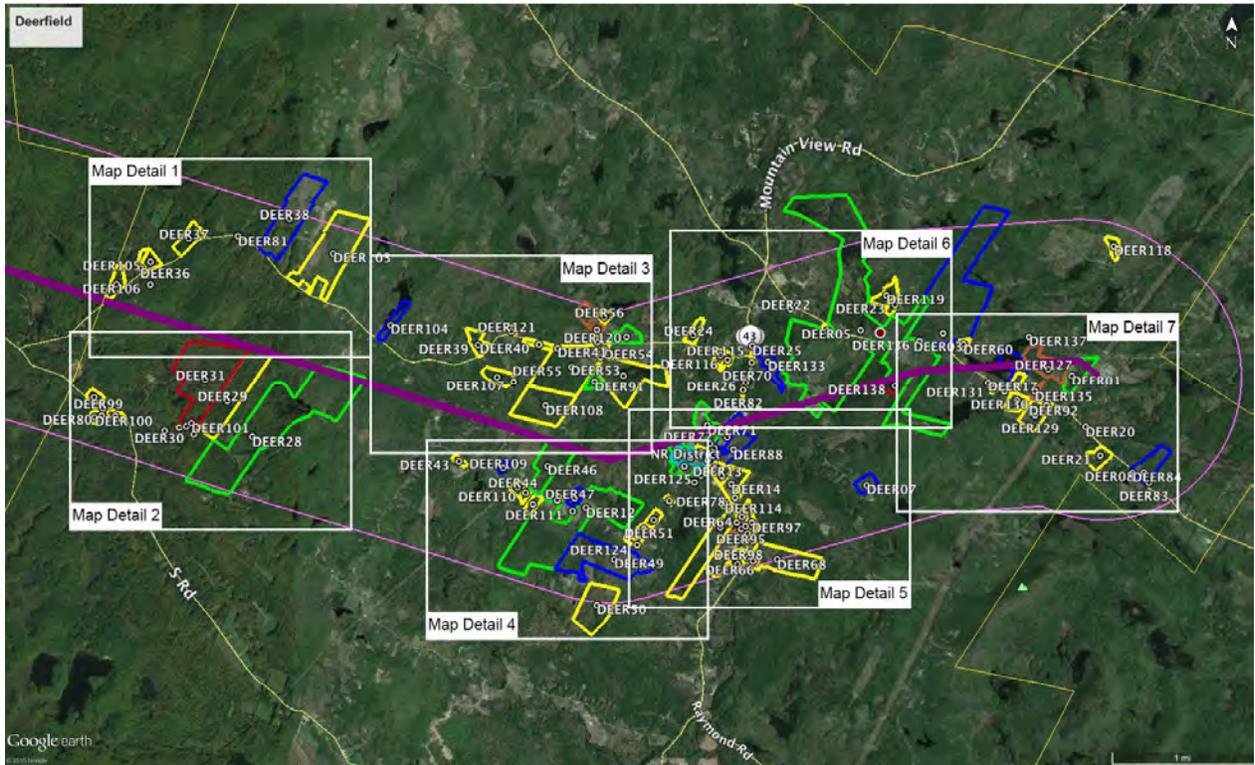
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)		
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

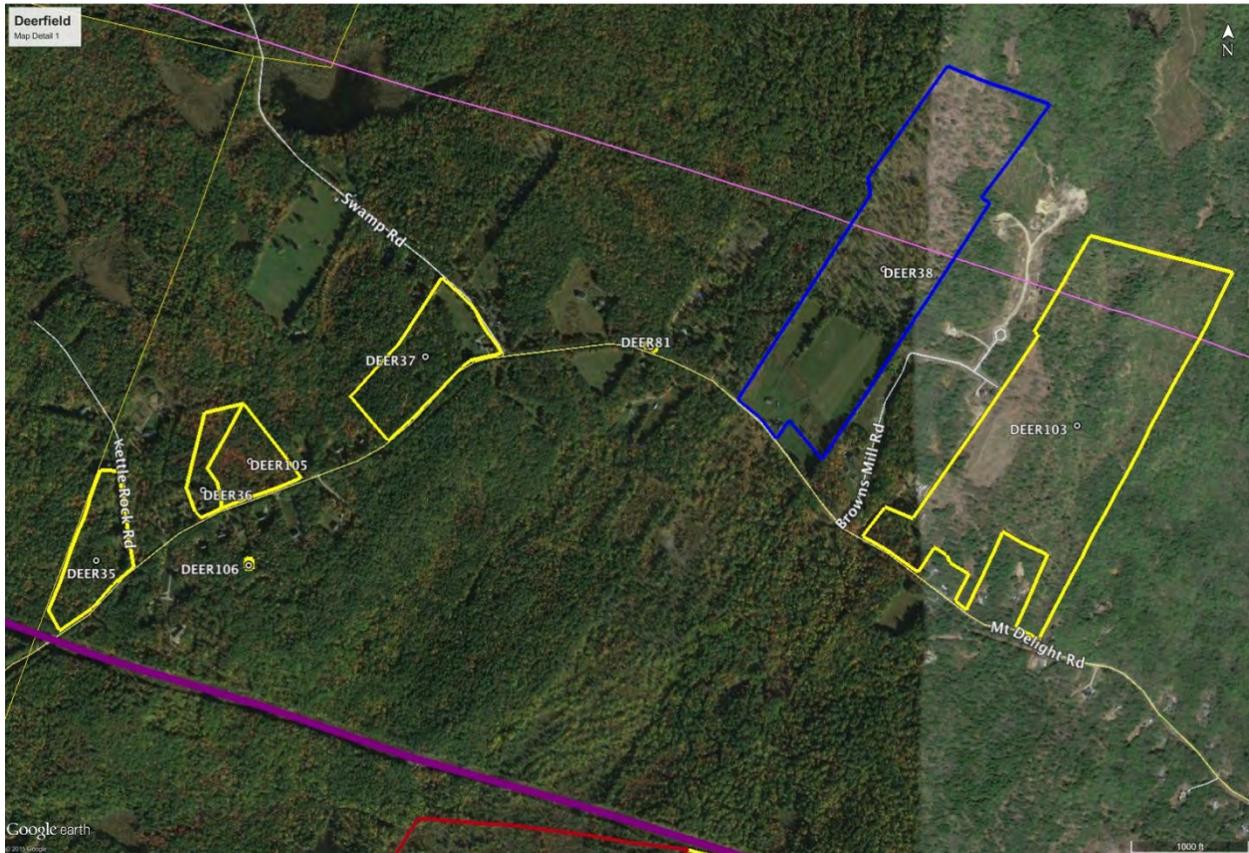
### Mapping – Overall Project Map



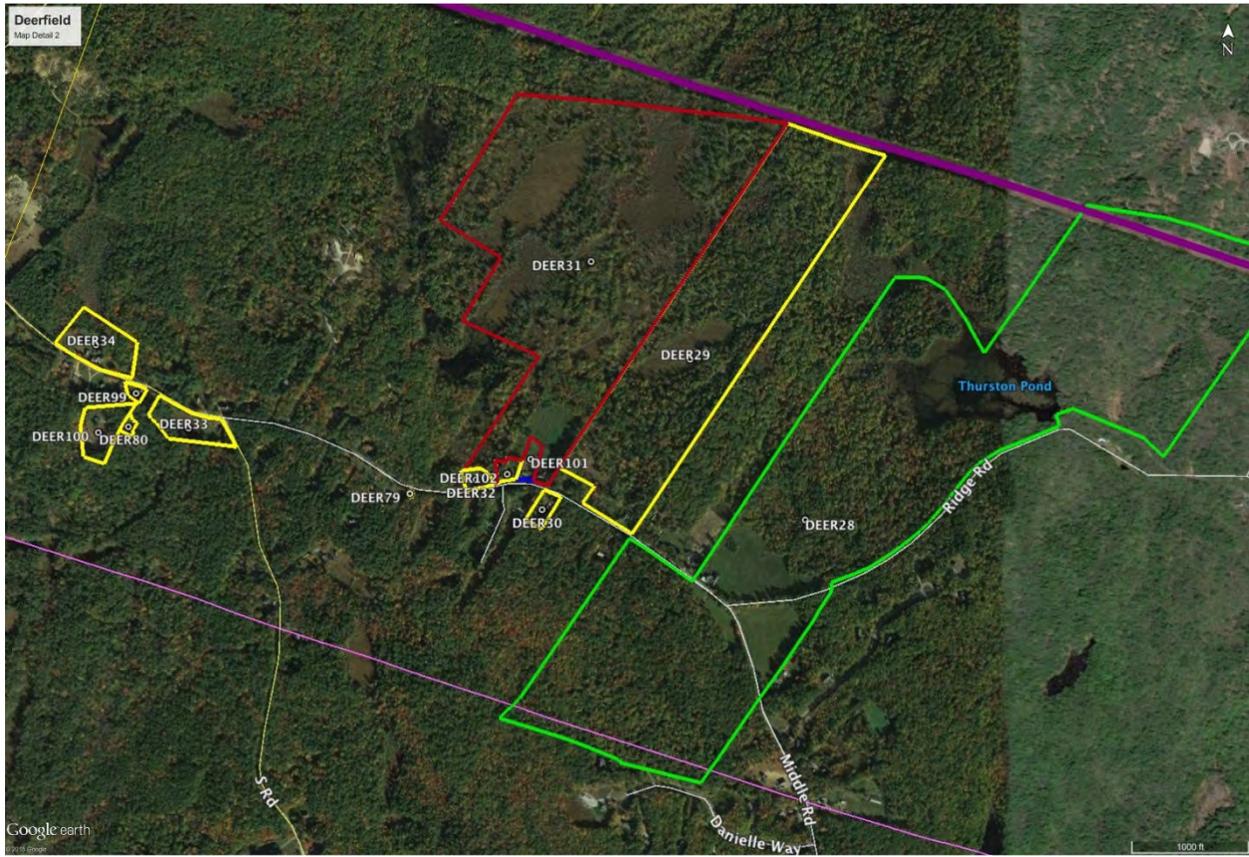
Mapping – Key to Detail Maps



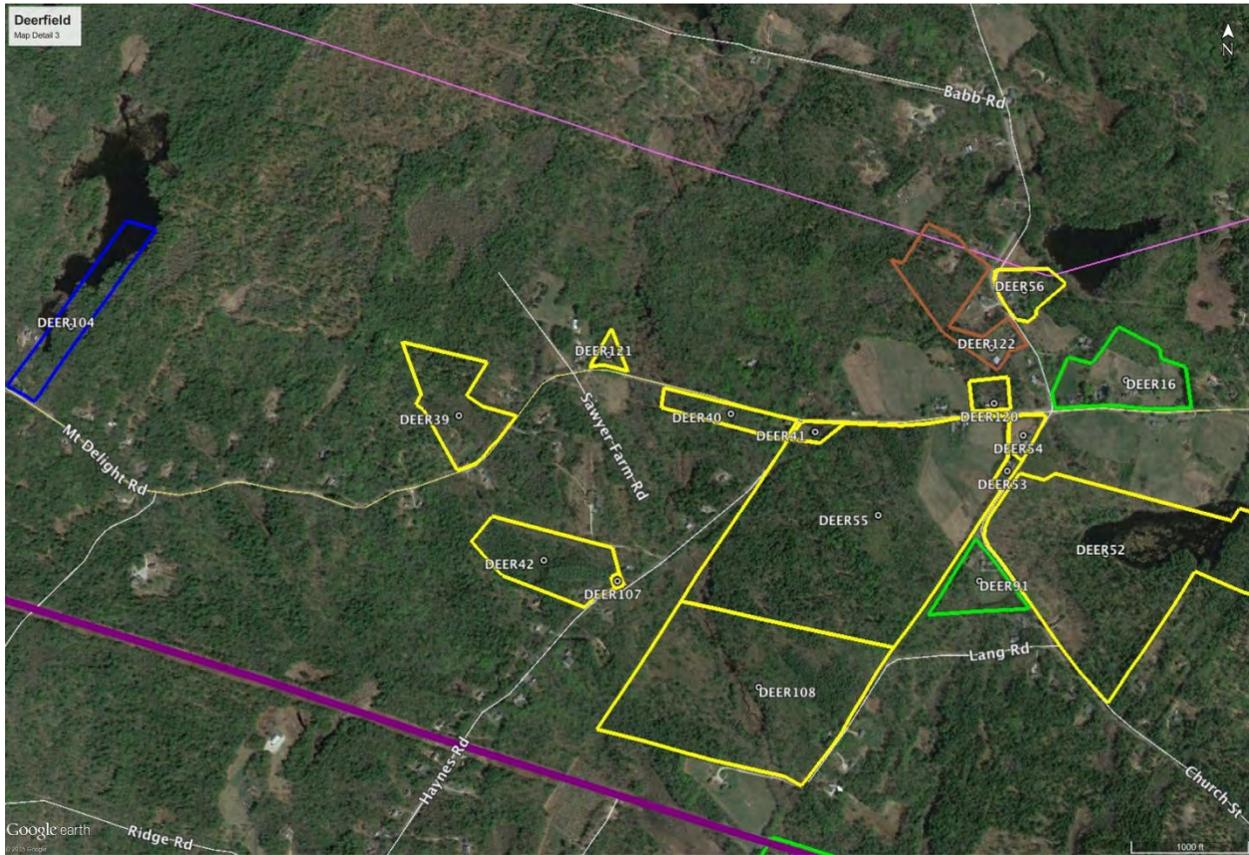
Mapping – Detail Maps from West to East



Deerfield

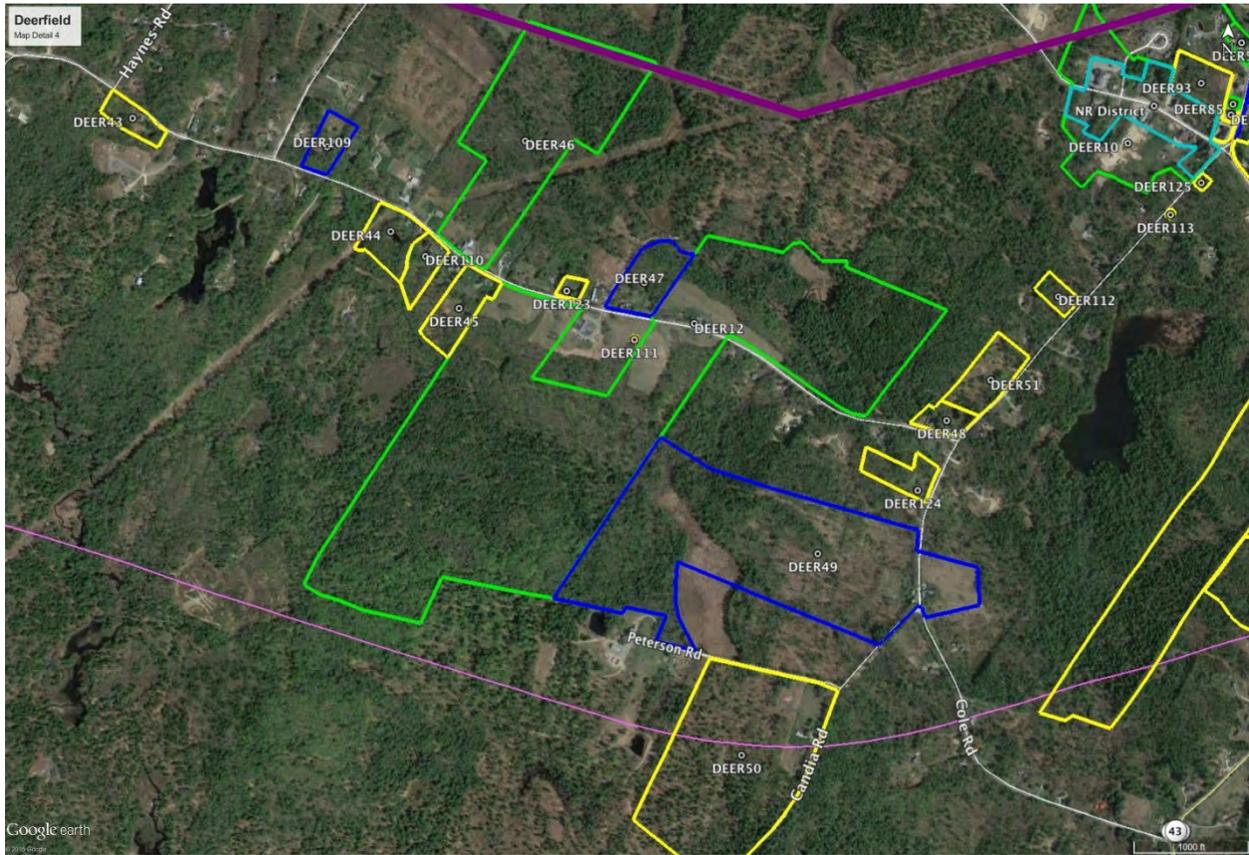


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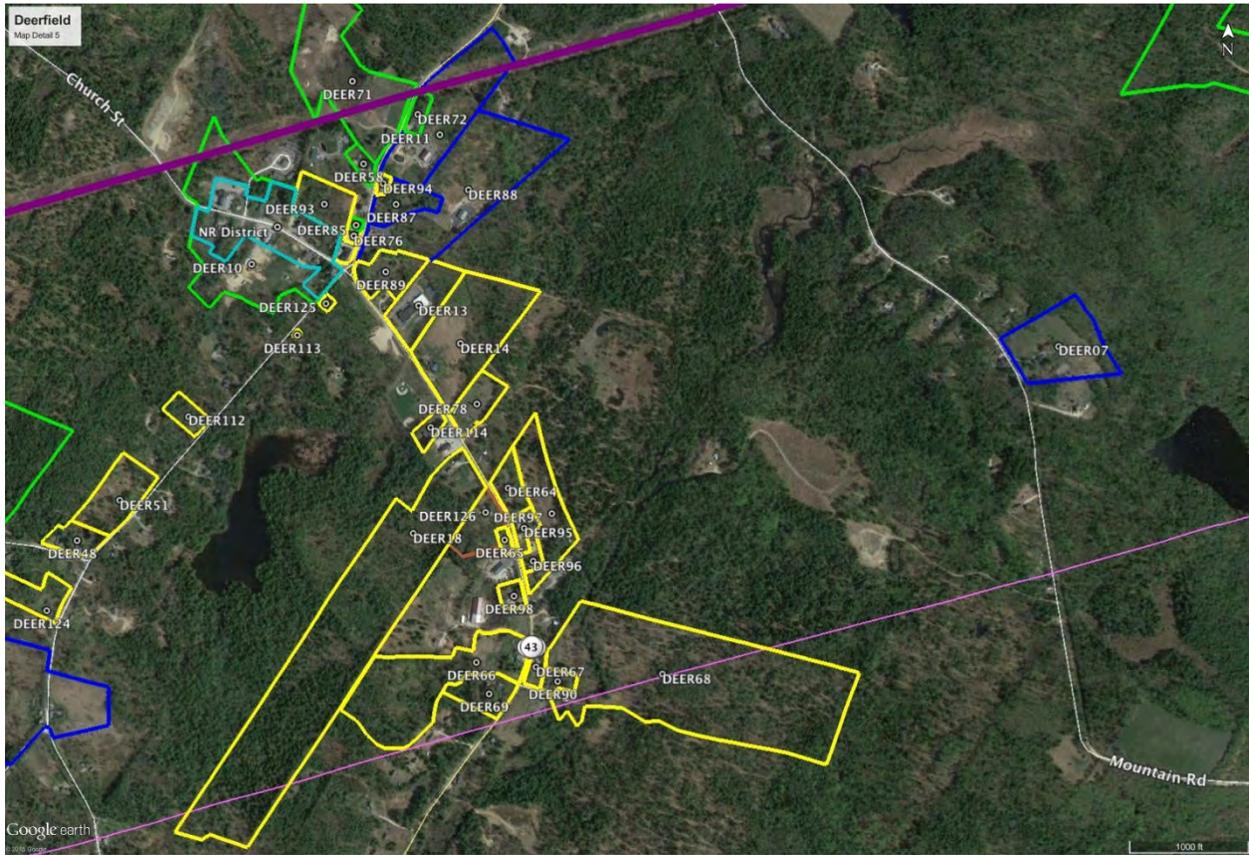


Town Summary

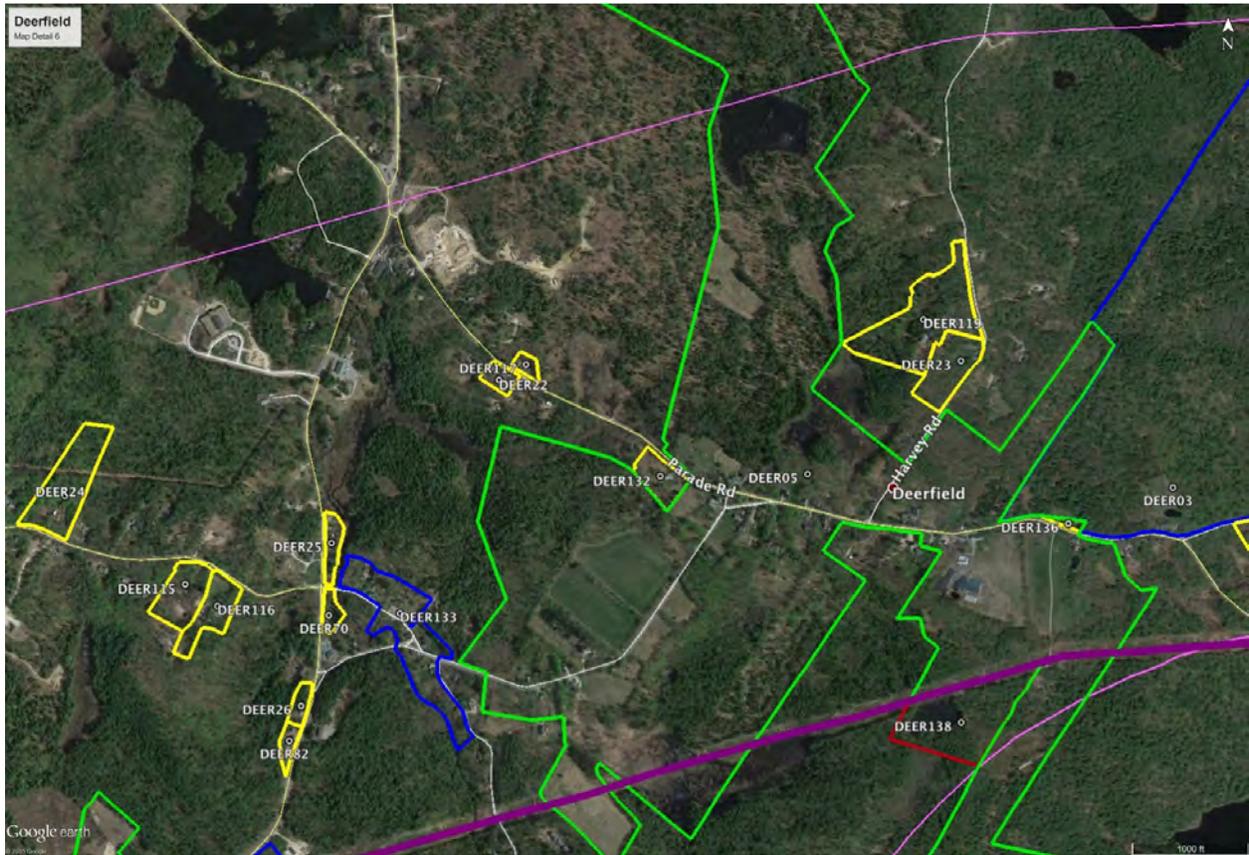
Deerfield



Deerfield

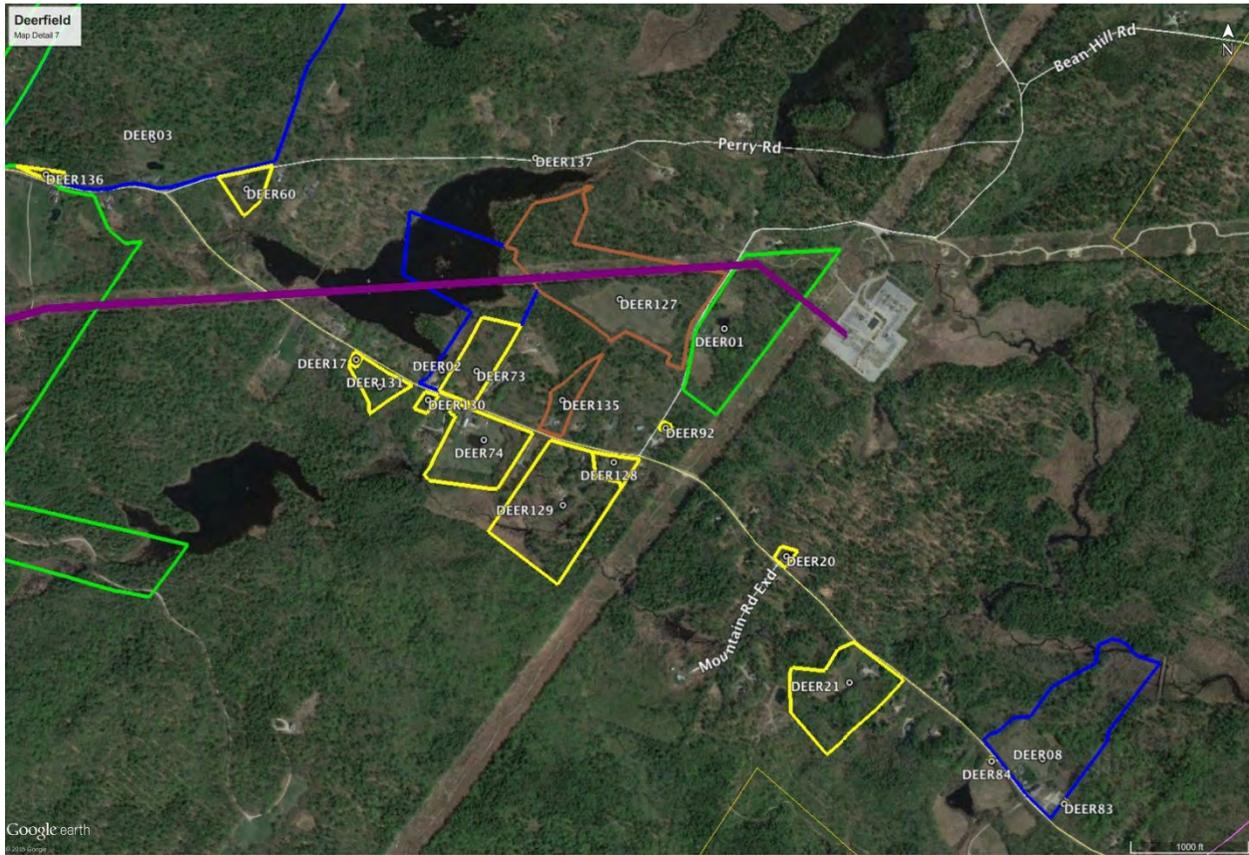


Deerfield



Town Summary

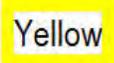
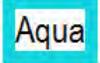
Deerfield



**Northern Pass Project Historic Resource Assessment**  
*Table of Historic Resources*

**DEERFIELD**

**Key to Categories**

 Yellow	Properties with no views of the Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible
 Green	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion



Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	13 Cate Road	DEER01	43.141803	-71.190183	S	J.D. Cate House	SEE FORM	1942-1948, 4077-4083		SEE FORM
	Deerfield	110 Nottingham Road	DEER02	43.140226	-71.198303	M		c.1830 altered connected farmstead (cape with attached barn now used for residential purposes) on 17 554- acre parcel. No longer to retain significance and integrity.	4071, 4084		The Project crosses a pond on the northerly end of the property, nearly 0.25 miles to the north of the historic resource. Viewshed maps indicate views only in the vicinity of the project. The house faces south, away from the project, and due to distance and vegetation screening the Project is not visible in the main public views of the altered historic resource.
	Deerfield	76 Nottingham Road	DEER03	43.145239	-71.207268	S	Marston House/Longfellow Garrison	Well-preserved c.1743 house and large gable-front barn on mostly wooded 181-acre parcel	1912-1917, 4058-4060		The Project is located nearly two-tenths of a mile to the south. Viewshed maps indicate a view from an open area north of the historic buildings and a small pond but not from any of the buildings. These minimal and incidental views are not historically significant views from the historic resource. On-site survey shows heavy vegetation screens any views of Project to south and southeast.
	Deerfield	4 Harvey Road; 11-73, 12-64 Nottingham Road; 3 Parade Road	DEER05	43.143082	-71.231885	M	Deerfield Parade/Deerfield Village District	SEE FORM	1887-1911, 1918-1941, 4018-4019, 4036-4038, 4039-4041, 4042-4057, 4061-4065		SEE FORM
	Deerfield	56 Mountain Road	DEER07	43.130399	-71.218947	S		c. 1850 L-house, large barn, and small cemetery on 10.34 acre parcel.			The Project is nearly seven-tenths of a mile away to the north at a lower elevation. Viewshed maps indicate small and intermittent views in a field southeast of and downhill from the south-facing house and outbuildings and a small view from an open area just north of the house. The project will not be visible in main public views for the historic resources or in historically significant views from the resources. The intermittent secondary views from the field will be distant and minimal owing to vegetation screen and distance from the project.
	Deerfield	170 Nottingham Road	DEER08	43.131269	-71.17995	S	Nottingham Hill Farm	Farm with c. 1762 center chimney house, connected outbuildings, gable-front barn on 21.3 acre parcel.			The Project terminus at the Deerfield substation is nearly eight-tenths of a mile away to the northwest at a lower elevation. Viewshed maps indicate isolated and minimal views from two locations to the south and east of the building but not on the buildings. The house faces south. The Project will not be in the main public views of the buildings or in historically significant views from the historic resource due to distance, vegetation screening, and topography.
	Deerfield	1 Candia Road, 1-14 Old Center Road South	DEER10	43.133159	-71.242178	M	Deerfield Center Historic District	SEE FORM	1836-1848, 1853, 4001-4017	Town Hall Individual NR 1980; NR District 2002	SEE FORM
	Deerfield	11 North Road/Route 43/Route 107	DEER11	43.135794	-71.238635	S	Lucky Eleven Farm	Altered English barn, new two-story commercial building/garage, and new house on 12.8-acre parcel. The only historic resource is the barn; the historic James House was removed in 2010 after a fire. No integrity or significance.	1856-1857, 1877, 1886		The Project is roughly one-tenth of a mile away to the west and to the north of the barn. Viewshed maps indicate views along the eastern half and south portion of the property but not on the one remaining historic resource that no longer retains integrity to convey its historic associations. The Project runs east/west across the northerly part of the property.
	Deerfield	17 Ridge Road	DEER12	43.128405	-71.257267	S	Hillcrest Farm	SEE FORM	4092-4097		SEE FORM.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	8 Raymond Road	DEER13	43.131452	-71.238732	S	George B. White School/Town Offices	Former George B. White School (1951-1990). Now used for town offices. On 4.5 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	12 Raymond Road	DEER14	43.130189	-71.238118	S		c.1840 Greek Revival connected farmstead on 13.6 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	49-53 Meetinghouse Hill Road plus cemetery	DEER16	43.145336	-71.252804	M	Old Center Area	SEE FORM	1952-1975, 4098-4114		SEE FORM.
	Deerfield	Nottingham Road	DEER17	43.141138	-71.201307	S	Tilton Cemetery	Small nineteenth-century family cemetery on 0.18-acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	19 Raymond Road	DEER18	43.128092	-71.236263	S		c.1870 L-house with Federal doorway on 48 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	144 Nottingham Road	DEER20	43.136458	-71.187688	S		Altered c.1796 connected farmstead on 0.44 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	155 Nottingham Road	DEER21	43.134039	-71.184721	S		c.1830 side-gable Gothic Revival house and outbuildings on a 11.7 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	24 Parade Road	DEER22	43.148889	-71.22872	S		Altered mid to late 19th-century side-gable house with gabled wall dormers, front porch on 1.1 acre parcel. Tax card says c.1945 but is on 1892 Hurd atlas			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	16 Harvey Road	DEER23	43.149357	-71.214036	S		c.1750 Cape on a 4 5 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	21 Meetinghouse Hill Road	DEER24	43.145593	-71.242787	S		c.1930 Transitional Ranch on 7 24 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	53 North Road	DEER25	43.1451	-71.234289	S		c.1850 Cape on 1.9 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	40 North Road	DEER26	43.14044	-71.235134	S		c.1950 Ranch on 0.71 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	217 Middle Road	DEER28	43.134287	-71.306677	S	Willow Hill Farm	SEE FORM	4121-4122, 4130-4136		SEE FORM
	Deerfield	231 Middle Road	DEER29	43.135687	-71.30947	S		c.1740 center chimney house on 64 acre parcel.	4128-4129		Viewshed maps and field review indicate that there are no views of the transmission lines from this location.
	Deerfield	236 Middle Road	DEER30	43.13623	-71.311644	S		c.1954 Cape on 1.1 acre parcel.			Viewshed maps and field review indicate that there are no views of the transmission lines from this location.
	Deerfield	235 Middle Road	DEER31	43.136594	-71.312009	S		SEE FORM	4123-4127		SEE FORM
	Deerfield	243 Middle Road	DEER32	43.136404	-71.313964	S	No. 13 Schoolhouse	c.1840 former schoolhouse converted to residence on 0.9 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	288 South Road	DEER33	43.137709	-71.321863	S		c.1900 small gable-front house on 3.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	279 Middle Road	DEER34	43.139201	-71.326181	S		c.1800 Federal Style Colonial with center entrance on 5.075 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	217 Mt. Delight Road	DEER35	43.15133	-71.321717	S		c.1800 Cape on 10 5 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	209 Mt. Delight Road	DEER36	43.152305	-71.319243	S		c.1790 center chimney house and barn on 4.04 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	181 Mt. Delight Road	DEER37	43.155774	-71.310094	S		c.1820 Cape on 14 5 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	157 Mt. Delight Road	DEER38	43.15409	-71.301751	S		c.1950 Cape, barn, outbuildings on 67 acre parcel that extends beyond APE.			The Project is nearly seven-tenths of a mile away to the south at a lower elevation. Viewshed maps indicate isolated and limited views from scattered areas on the property to the west of the barn in an open field. The barn faces east and the house faces west. No possibility of views due to distance and mature vegetation screening between property and Project.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	53 Mt. Delight Road	DEER39	43.14387	-71.272169	S		c.1803 Cape on 11.21 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	24 Mt. Delight Road	DEER40	43.144853	-71.262101	S		c.1788 center chimney house on 5.1 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	20 Mt. Delight Road	DEER41	43.144702	-71.261227	S		c.1848 Cape on 1 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	23 Haynes Road	DEER42	43.140918	-71.268506	S		c.1800 Colonial on 12.36 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	84 Ridge Road	DEER43	43.13311	-71.274852	S		c.1743 center chimney house on 2.7 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	56 Ridge Road	DEER44	43.130687	-71.266131	S		c.1800 Cape on 4.66 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	48 Ridge Road	DEER45	43.129501	-71.26403	S		Connected farmstead with c.1840 Cape and barn on 5.27 acre parcel.	4089		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	51 Ridge Road	DEER46	43.129967	-71.264651	S		SEE FORM	4085-4088, 4090-4091		SEE FORM
	Deerfield	31 Ridge Road	DEER47	43.128846	-71.259625	S		Early 19th-century center entry house with wing on 6 acre parcel.			The Project is nearly four-tenths of a mile away to the north at a lower elevation. Viewshed maps indicate one minimal and isolated view on the lawn behind the house but not on the house itself. The house faces east away from the Project. Any view from this area of the parcel appears not to be a character-defining feature of the property's setting. Any view is unlikely due to distance and mature vegetation between the property and the Project.
	Deerfield	1 and 3 Ridge Road	DEER48	43.126078	-71.249595	M		Pair of mid-18th-century capes. 1 Ridge Road c.1750 on 1.27 acre parcel. 3 Ridge Road c.1760 on 0.718 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	47 Candia Road	DEER49	43.122137	-71.250444	S		Farm consists of a 66-acre house lot on west side of road and 5-acre barn lot on the east side of road, across from the house. Buildings include well-preserved 18th-century south-facing center chimney house and large barn with pole barn addition.	4119		The Project is roughly eight-tenths of a mile away to the north. Viewshed maps indicate isolated and minimal views only to the east of the barn in cleared areas and from the east end of the barn. Any views from these areas will be distant and incidental due to heavy vegetation, varied topography, and distance between the barn and Project. The Project will not be visible in the main public views of the barn nor will it be visible in historically significant views from the barn which are to the south towards the barnyard.
	Deerfield	67 Candia Road	DEER50	43.118869	-71.253688	S		c.1740 Colonial house on 46 acre parcel that extends beyond APE.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	29 Candia Road	DEER51	43.1271	-71.247717	S		c.1850 house on 5.2 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	51 Church Street	DEER52	43.140187	-71.253836	S		19th-century gable-front house on 5.074 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	68 Church Street	DEER53	43.143965	-71.255192	S		c.1840 Cape on 0.74 acre parcel.	1952		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	70 Church Street	DEER54	43.14451	-71.254838	S		c.1815 center chimney house on 1.7 acre parcel.	1953		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	8 Mt. Delight Road	DEER55	43.144786	-71.256807	S		c.1780 Cape on 76 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	9 Old Centre Road	DEER56	43.147402	-71.255088	S		c.1750 center chimney house on 4.1 acre parcel.	1954		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	10 North Road	DEER58	43.134757	-71.239902	S		SEE FORM	1881-1885, 4022-4023		SEE FORM
	Deerfield	5 Perry Road	DEER60	43.145289	-71.204558	S		c.1750 Cape on 2.7 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	24 Raymond Road	DEER64	43.127484	-71.236155	S		c.1895 connected farmstead on 2.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	27 Raymond Road	DEER65	43.126368	-71.235694	S		c.1840 Greek Revival cottage on 0.54 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	35 Raymond Road	DEER66	43.123124	-71.235235	S		c.1790 connected farmhouse and outbuildings on a 17 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	36 Raymond Road	DEER67	43.123424	-71.234857	S		c.1840 Cape on 1 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	40 Raymond Road	DEER68	43.122478	-71.234067	S		c.1776 Cape on 44 acre parcel that extends outside APE.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	41 Raymond Road	DEER69	43.122283	-71.23582	S		c.1795 L-house and outbuildings 3.09 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	45 North Road	DEER70	43.143228	-71.23446	S		c.1840 Cape on 0.89 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	12 North Road	DEER71	43.135522	-71.239235	S		SEE FORM	1858-63, 1868-76, 1878-80, 1883-1884, 4024-4028; 4030-4033; 4035		SEE FORM
	Deerfield	13 North Road	DEER72	43.135835	-71.23857	S		SEE FORM	1862-1872, 4034		SEE FORM
	Deerfield	112 Nottingham Road	DEER73	43.140449	-71.198151	S		c.1794 Colonial house on 5.46 acre parcel.	4072-4073		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	115 Nottingham Road	DEER74	43.139852	-71.197742	S		19th-century connected farmhouse on 9.48 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	4 North Road	DEER76	43.133243	-71.240361	S	Union Lodge IOOF and business block	c.1897 2.5 story commercial and institutional block on 0.32 acre parcel.	1855, 4020		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Raymond Road	DEER78	43.129218	-71.236815	S	Morrison Cemetery	2.9 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Middle Road	DEER79	43.136209	-71.316025	S	Merrill Cemetery	0.15 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	South Road	DEER80	43.137682	-71.324996	S	South Road Cemetery	0.31 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Mt. Delight Road	DEER81	43.155978	-71.305521	S	Mt. Delight Cemetery	0.13 acre parcel (map 411, lot 40)			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	38 North Road	DEER82	43.140299	-71.2354	S		c.1950 store/garage on 0.74 parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Nottingham Road, north side	DEER83	43.130811	-71.178718	S	Churchhill Cemetery	Small family cemetery on edge of large undeveloped parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Nottingham Road, south side	DEER84	43.131822	-71.181028	S	Nottingham Road Cemetery	Near 169 Nottingham Road, small cemetery			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	4a North Road	DEER85	43.133394	-71.240264	S		SEE FORM	4021		SEE FORM
	Deerfield	5 North Road	DEER87	43.133554	-71.239477	S		Altered c.1840 gable-front house with wing on 3.022 acre parcel. The building maybe a former mill or shop converted to a residence. No integrity or significance for its historic period. In Deerfield Center Village near Historic District.			The Project is nearly four-tenths of a mile to the west and two-tenths of a mile to the north of the property. Viewshed maps indicate an isolated and minimal view in the south corner of the property. The building appears to no longer retain significance and integrity for its historic period. Modern intrusions are present to the north and west between the property and Project. No possibility of a view due to mature vegetation near the Project.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	3 North Road	DEER88	43.133222	-71.239875	S		Altered c.1774 residential building on a 20 acre parcel. Expanded and subdivided into apartments. No significance and integrity for its historic period. In Deerfield Center Village near Historic District.			The Project is more than three-tenths of a mile to the west and more than two-tenths of a mile to the north of the property. Viewshed maps indicate views on the building, which faces south, and from the southwest corner of the property. The building no longer retains significance and integrity for its historic period.
	Deerfield	2 Raymond Road	DEER89	43.132048	-71.240019	S		c.1700 center-chimney house on 3.6 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	3 Millstone Lane	DEER90	43.122648	-71.234332	S		c.1790 Cape on 1.1-acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	58 Church Street	DEER91	43.141802	-71.255928	S		SEE FORM	4115-4118		SEE FORM
	Deerfield	Cate Road	DEER92	43.139619	-71.191335	S	Dowst Cate Cemetery	Small cemetery in corner of 3.5-acre lot			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	2 North Road	DEER93			S	Page's Hotel	c.1875 gable block with rear ell and connected carriage barn, all converted to apartments. No integrity or significance for historic period.	4017-4019		Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	9 North Road	DEER94			S		Altered gambrel-roofed office-garage building , c.1977 mobile home			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	26 Raymond Road	DEER95			S		c.1965 ranch on 1 3 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	28 Raymond Road	DEER96			S		c.1954 cape on 0.77 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	30 Raymond Road	DEER97	43.07308	-71.140499	S		c.1958 ranch on 7.45 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	31 Raymond Road	DEER98			S		c.1965 cape on 1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	274 Middle Road	DEER99			S		c.1945 cottage on 0.41 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	278 Middle Road	DEER100			S		c.1959 camp			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	237 Middle Road	DEER101	43.136667	-71.312444	S		c.1960 altered cape on 0.96 acre parcel. No significance or integrity.			The Project is located more than six-tenths of a mile away to the north. Viewshed maps indicated scattered and intermittent views from open areas along the east side of the small parcel but not from the building itself. Property has no significance or integrity for its historic period.
	Deerfield	237A Middle Road	DEER102	43.136715	-71.312972	S		c.1940 Camp with shingled addition on 0.77 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	137 Mt. Delight Road	DEER103	43.151295	-71.297561	S		c.1960 on 89 acre parcel that extends beyond APE			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	95 Mt. Delight Road	DEER104	43.145627	-71.286048	S		c.1962 small house on 9.68 acres			The Project is more than three-tenths of a mile away to the southwest at a lower elevation. Viewshed maps indicate views from the north end of the property on a body of water that does not relate to the significance of the historic setting of the property. No views from the building.
	Deerfield	205 Mt. Delight Road	DEER105	43.152674	-71.318049	S		c.1950 ranch on 7.42 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Mt. Delight Road	DEER106	43.151146	-71.317766	S	Mt. Delight Poor Farm Cemetery	0.11 acre parcel (map 411, lot 14)			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Haynes Road	DEER107	43.141201	-71.26749	S	Haynes Road Cemetery	0.25 acre parcel (map 414, lot 139)			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	23 Lang Road	DEER108	43.137699	-71.260915	S		c.1800 center chimney house and outbuildings on 51.66 acre parcel			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	65 Ridge Road	DEER109	43.132419	-71.269088	S		c.1850 cape on 3.0 acre parcel			The Project is nearly three-tenths of a mile away to the north on the other side of a ridge. Viewshed maps indicate views from an isolated open area at the back part of the property. The house faces northeast and is set in a wooded area. No possibility of views from the house due to topography and mature screening.
	Deerfield	52 Ridge Road	DEER110	43.130019	-71.265592	S		c. 1961 ranch on 3 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Ridge Road	DEER111	43.127994	-71.259343	S		"Cram Graveyard" near DEER12, now within parcel of 34 Ridge Road			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	19 Candia Road	DEER112	43.128833	-71.245579	S		c.1870 gable-front house on 1.5 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Candia Road	DEER113	43.13093	-71.242321	S		Cemetery on 0.12 acre parcel (map 415, lot 38)			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	15 Raymond Road	DEER114	43.128603	-71.238232	S		c. 1963 Cape on 1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	10 Meetinghouse Hill Road	DEER115	43.143717	-71.238289	S		c.1725 Cape with family cemetery on 3.98 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	10A Meetinghouse Hill Road	DEER116	43.143541	-71.23797	S		c.1830 high posted Cape with rear ell, outbuildings on 3.4 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	21 Parade Road	DEER117	43.148951	-71.228083	S		c.1920 cottage with additions on 0.53 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	63 Coffeetown Road	DEER118	43.154858	-71.183115	S		c.1856 Italiannate gable block with front porch and wing, family cemetery on 6.05 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	20 Harvey Road	DEER119	43.149622	-71.215492	S		c.1952 ranch on 11.5 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	5 Mt. Delight Road	DEER120	43.145321	-71.255791	S		c.1965 garrison colonial on 1.86 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	39 Mt. Delight Road	DEER121	43.146300	-71.267991	S		c.1960 ranch on 1.1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	8 Old Centre Road	DEER122	43.146796	-71.25542	S		c.1968 cape on 11.51 acre parcel			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Deerfield	37 Ridge Road	DEER123	43.129131	-71.261432	S		c.1964 ranch on 0.86 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	37 Candia Road	DEER124	43.124544	-71.25028	S		c.1963 ranch on 0.86 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Candia Road	DEER125	43.131665	-71.241341	S		c.1950 telephone co building on 0.24 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	23 Raymond Road	DEER126	43.126821	-71.236318	S		c.1968 cape on 4.1 acre parcel			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Deerfield	16 Cate Road	DEER127	43.142385	-71.191101	S		c.1968 rustic house on 25.8 acre parcel. The ROW crosses the property.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Deerfield	127 Nottingham Road	DEER128	43.138751	-71.193008	S		c.1935 cape on 1.6 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	123 Nottingham Road	DEER129	43.138151	-71.194833	S		c.1965 frame camp and c. 1968 mobile home on 16 acre town-owned parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	109 Nottingham Road	DEER130	43.140198	-71.198909	S		c.1950 cape on 0.48 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	105 Nottingham Road	DEER131	43.140544	-71.200016	S		c.1932 cross-gambrel roof house on 2.6 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	10 Parade Road	DEER132	43.146415	-71.223577	S		c.1963 Cape on 2.8 acre parcel			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Deerfield	2, 4, 5, 8 James City Road; 1, 7 Mountain Road; 11, 12 Nottingham Road	DEER133	43.142516	-71.231636	M	James City Road Area	Group of late eighteenth- and nineteenth-century houses including capes, center chimney houses, end houses, L houses, and colonial houses in mostly the Federal or Greek Revival styles, located on village size lots			Small views are indicated on the triangular parcel at the intersection of Nottingham and James City roads but there are no historic resources on that parcel and there are no historically significant views at that location. The Project is more than one-third of a mile away to the south of the part of the area where a view is indicated. On-site survey showed no possibility of a view. Much of the land between that location and the Project is covered with mature evergreen trees, screening any views.
	Deerfield	122 Nottingham Road	DEER135	43.139626	-71.195023	S		c.1968 altered one-story house on 2.7 acre parcel			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Deerfield	72 Nottingham Road	DEER136	43.145367	-71.211034	S		Pair of c.1900 altered one-story cottages on 0.46 acre parcel		4063-4065	Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	Perry Road	DEER137	43.145833	-71.196111	S	Burbank Cemetery	small family cemetery			Viewshed maps and field review indicate the Project will not be visible.
	Deerfield	65 Nottingham Road (on)	DEER138	43.140668	-71.214107	S	Lindsay/Menard Cabin	SEE FORM			SEE FORM



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER01**

Property Name/Address:

Jonathan D. Cate House/13 Cate Road,  
Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

The Jonathan D. Cate property includes a nineteenth-century farmhouse sited on a rise facing a historic scenic view to the south from the front of the house. Located on an eighteen-acre parcel, the farmhouse consists of a two-story, four-bay, center-chimney main block with an off-set two-story wing on the west side. A one-story wing extends on the east side and an altered New England barn is located northeast of the house forming a barnyard to the north. The land immediately in front of the house and to the rear remains open, but the perimeter to the north and east and the lower southerly half is wooded.

The existing transmission lines cross the northwesterly end of the property, roughly two-tenths of a mile to the north of the house. Two of the existing monopole structures (84' and 70') now at the north side of the ROW will remain in place when the new line is constructed. Just across the street to the northwest is another monopole structure (84') that will also remain in place. These existing structures are not visible in views from the road near the house across the backyard/barnyard. Just 0.25 miles northeast of the house is the Deerfield substation, which is located just to the east of a separate transmission line ROW which runs along the eastern boundary of this property. Deed research indicates the first ROW easement for this property dates to c.1925, with the PSNH easement established c.1926. The setting is a semi-rural local road flanked by wooded areas and stone walls, with modern development to the north and south of the subject property, though it is largely screened by the woods along the road and between the property and the new development.

The farmhouse, a two-story, four-bay house in the late Greek Revival style, with a two-story wing and connected outbuilding on the west end, is sited prominently on a rise with the gable end to the street, and faces southerly away from the transmission line. A large, altered barn is sited northeast of the house. The 1878 town history noted "His residence is upon a beautiful eminence, surrounded by delightful scenery," at which time the property would have included views to the east and west as the land drops off in those directions, and would have allowed for panoramic views in those directions. The land to the north of the house is level and included the working barnyard as the barn is northeast of the house. While the backyard north of and near the house is open, some mature trees have grown up around the small pond in the middle area.

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Beyond that is an open field that is kept mowed. The historic barnyard area is now fenced off with a picket fence, landscaped with a lawn and formal planting beds. Deed research shows that historically the farm property included multiple parcels including some on the other side of the road, through which the existing ROW now runs and includes a late 1960s house in a wooded area.

This nineteenth-century farmhouse appears to have been built by Jonathan D. Cate (1820-1896) who married Hannah Cole (1829-1916). Cate was a locally well-known successful farmer, manufacturer, and repairer of pumps and held some important offices. According to deed research and the 1878 town history, the old Dowst house, which Cate had acquired from his father in 1858, burned in 1862; Cate obviously soon rebuilt the present house for his occupancy. As of the 1870 Census the household included the couple's three children (ages 7, 10, 18), his mother-in-law, and a farm laborer. Ten years later the household included the couple, their two sons, Hannah's mother, a servant, and a farm laborer. In the 1900 Census the household included Hannah, her one surviving son William F. who would die the following year, and a farm laborer. The property would be passed to the Cate's eldest daughter Genella (1852-1929), who had married Henry Smith Knowles (1848-1909), and then her descendants, remaining in family hands until 1970. For much of the twentieth century the house appears to have been rented as the surviving Cate daughter resided in Epsom and her mother had gone to live with her after her son's death in 1901. By 1970 the land had been reduced to thirty acres. Deed research suggests the family sold the original easements to power companies in 1925 and 1926. After the Cate family sold the property it was further reduced in size in several stages down to its present size.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

This property appears to possess significance under Criterion C for Architecture embodying the distinctive characteristics of a type, period, or method of construction, an 1860s Greek Revival farmhouse with attached shed. The property no longer appears to possess significance under Criterion A for agriculture as it no longer conveys its nineteenth- and early twentieth-century farming associations. Though some open land remains to the north of the house, it is not under cultivation and the fields are becoming overgrown; the barn has been altered with the insertion of vinyl windows and no longer is used for livestock and hay storage purposes.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The property retains a majority of aspects of its historic integrity.

Property ID: DEER01

Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary would likely only include the immediate domestic setting of the historic buildings and any elements in their immediate vicinity that contribute to their significance.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Viewshed mapping indicates views from two open areas north of the farmhouse, including on the small pond and in an area just south of a stand of trees adjacent to the ROW. Clearing is proposed for along the south edge of the ROW and to the northeast beyond a large stand of mature trees. These views to the north are not the historically significant views of the property or from the property.

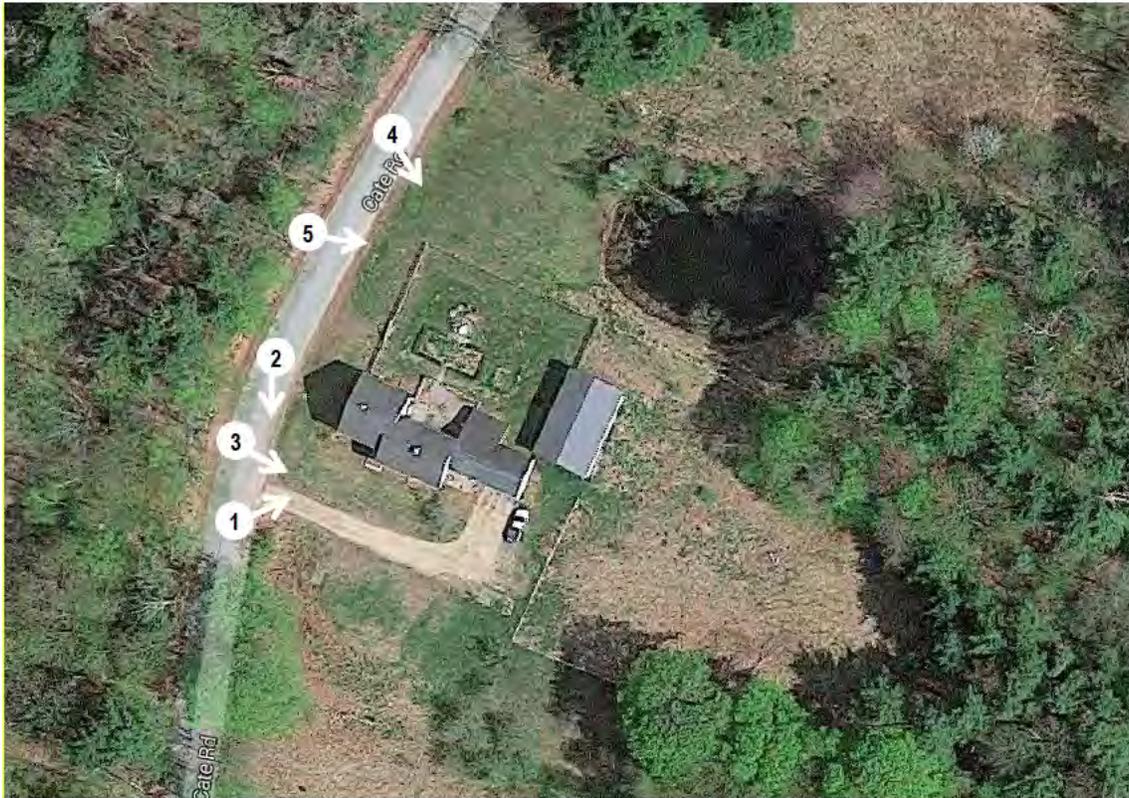
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The Project will not be visible in the historically primary and significant views *from* the historic resource. These views are from the façade of the house which was constructed facing south to take advantage of the solar benefits of this exposure and the fact that the property descends abruptly in this direction offering good drainage and distant views of “delightful scenery.” The Project is located in the opposite direction, two-tenths of a mile to the north of the buildings behind stands of mature trees. The historically open views to the east are now limited due to the growth of mature vegetation that has risen between the house and the ROW of another different transmission line. Any historically significant views from the back of the house would have been of the barnyard and not distant or for purposes of scenic views, as the land to the north of the house is level. The historic barnyard is now a fenced in garden with planting beds. The direct viewshed from the back of the house is to north; the two proposed new structures in the ROW will be slightly to the northeast of the direct viewshed from the rear and largely screened by the existing mature trees located closer to the house. The top of a structure may be visible but it would be in a peripheral view that is not a historically significant view from the house.

The Project will not be visible in the main public views *of* the historic resource. These views are of the buildings and of the historic barnyard in relationship to the surrounding land to the northeast and east.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-5 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER01

Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH

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Photo 1) Front of south-facing Cate farmhouse, facing northeast [2014 Field Photo: IMG\_4083]



Photo 2) Historically significant view to the south showing the distant views from the front of the house, facing south [Google Earth Street View]

*Historic Resource Assessment*

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Photo 3) View across front yard in direction of other transmission line to east of property in leaf-off conditions; peripheral views to east from the front of house are now screened by the mature vegetation along that side of the property [2014 Field Photo: IMG\_4082]



Photo 4) Barn, rear of house, and former barnyard (now fenced in and used for planting beds and a lawn), facing southeast [2014 Field Photo: IMG\_4078]

*Historic Resource Assessment*

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Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH



Photo 5) Panoramic of backyard/former barnyard, facing northerly and easterly; the existing transmission lines and Deerfield substation are to the north and northeast of the property, screened by mature vegetation [Pano\_1946-1943, IMG\_1942]



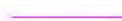
*Historic Resource Assessment*

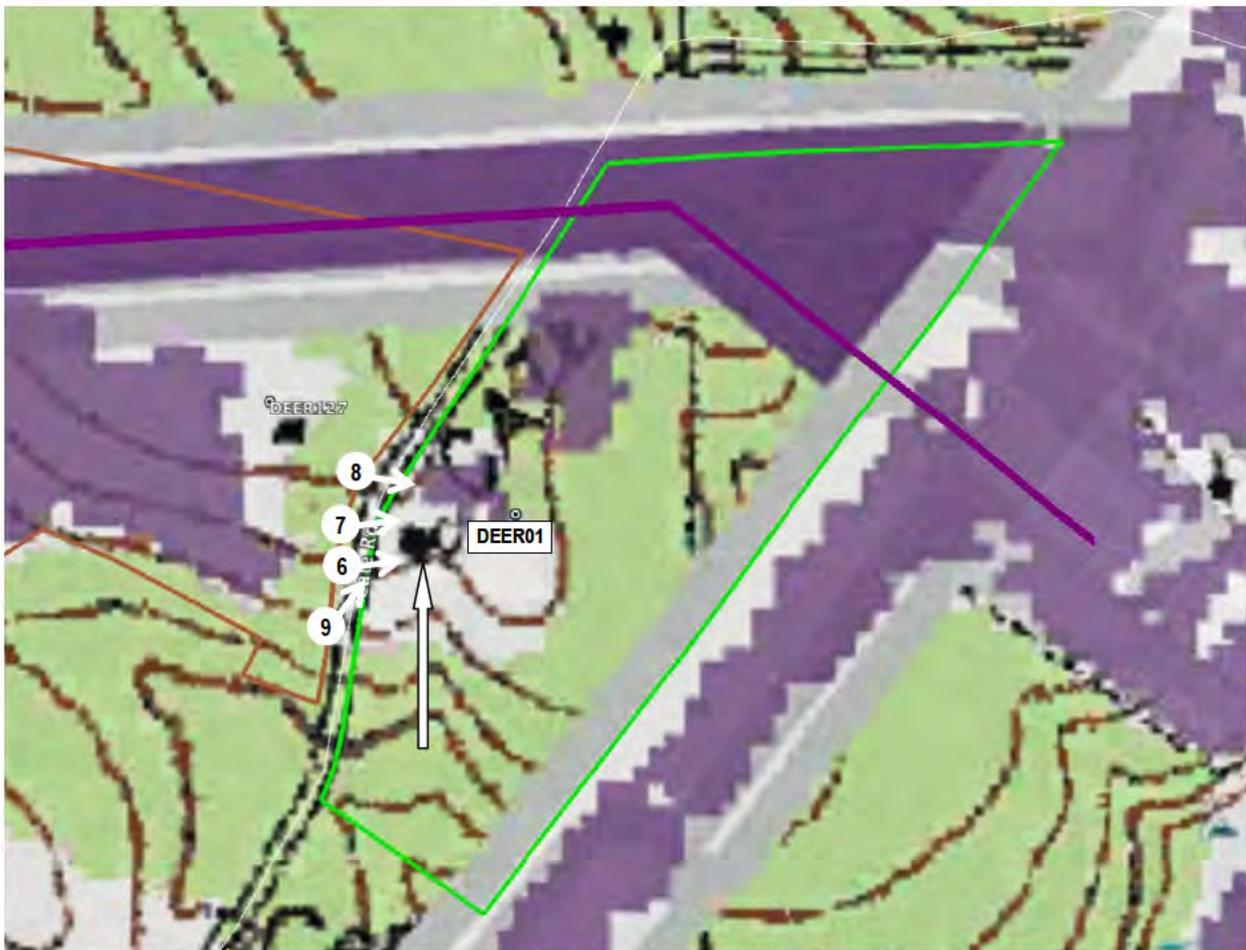
Property ID: DEER01

Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH

**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



Viewshed map showing DEER01 (white arrow), Limit of APE for Historic Resources  and Project 

*Historic Resource Assessment*

Property ID: DEER01

Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH

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Photo 6) Panoramic view, main public view of historic resource, facing northeast in direction of Project to the north and Deerfield substation to the east [2013 Field Photo: Pano\_1947-1948]



Photo 7) Leaf-off conditions, facing northeast in direction of existing transmission lines running across north end of property [2014 Field Photo: IMG\_4081]

*Historic Resource Assessment*

Property ID: DEER01

Property Name/Address: Jonathan D. Cate House/13 Cate Road, Deerfield, NH

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Photo 8) View across the back yard/former barnyard in direction of existing transmission lines near where they cross the road and in direction of Deerfield Substation [2013 Field Photos: Pano\_045-046]



Photo 9) Street view, facing north and northeast in direction of Project in leaf-off conditions [Google Earth Street View]

# Northern Pass Project Historic Resource Assessment

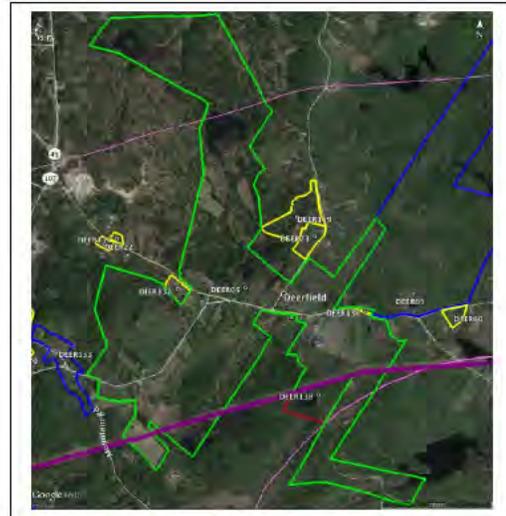
## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

### Property ID: DEER05

Property Name/Addresses:

Deerfield Parade/  
Deerfield Village District,  
Deerfield, NH



## I. PROPERTY DESCRIPTION AND SETTING

The potential Deerfield Parade/Deerfield Village Historic District is a large linear area (more than 1.2 miles) that extends along much of the length of Nottingham Road and a small length of Parade Road. This cultural landscape, located along one of Deerfield's east-west running ridge roads, consists of a collection of eighteenth- and nineteenth-century village houses and farms. The potential district extends along both sides of Nottingham Road from just west of Perry Road to just east of Mountain Road and includes a short section of Parade Road. The ridge along which the road runs descends slightly from east to west, reaching its lowest elevation at the easterly end where it is at its closest proximity to the ROW.

For the length of the potential district, the existing transmission lines are two-tenths to fourth-tenths of a mile away to the south and usually at a lower elevation than the historic resources. But at its closest point, the ROW is at a higher elevation than the nearby historic resources, 15 and 23 Nottingham Road. The top of one of the existing wooden monopoles is visible in public views to the southwest from the road northeast of the 23 Nottingham Road and from the road to the southeast and southwest of 15 Nottingham Road. The view, however, also includes a modern intrusion, a c.2007 house. The top of one of the existing structures and the conductor wires are also visible in views across fields further to the east at an elevated location southwest of the cemetery but this view does not include historic resources.

The existing ROW crosses four properties in the potential district (49 Nottingham Road, two open parcels associated with 23 Nottingham Road, and an open parcel nearly a half mile distant from the historic house which is located facing away from it toward the road at a higher elevation. The ROW passes through a wooded section of the property that is no longer visually connected to the district. The two open parcels associated with 23 Nottingham are no longer visually connected to the district as wooded areas separate them from it. One of the parcels is a mix of woods and wetlands and the other is an elevated mowed site that is separated from the other associated property by wooded areas and also a narrow easement that provides access to an abutting parcel. Neither of these parcels

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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appears to relate to the significance of the potential district. The ROW also crosses a long Z-shaped undeveloped parcel historically associated with 73 Nottingham Road, but that now includes a private road that leads to a new house on a hilltop to the southwest. While the north half of that parcel by the road remains an open field, the section crossed by the ROW is wooded and no longer visually connected to the potential district.

Twenty-four historic properties and four non-contributing properties due to age (26, 47A, 53, and 57 Nottingham Road) are located along this elevated roadway. It is one of the town's early roads, and site of early settlement including one of the town's historic centers, the Deerfield Parade (or Village Common), where in the eighteenth century the militia trained. The historic buildings are a mix of late-eighteenth- and nineteenth-century village houses with connected carriage barns in the central area around the intersection of Nottingham and Parade roads and farmsteads with outbuildings (many connected) elsewhere in the district. The buildings encompass a range of forms including colonials, capes, gable blocks, and end houses with a range of styles including Federal, Greek Revival, Italianate, or Classical. The district also includes a complex of three industrial buildings (built c.1950, 1960, and 1978), the nineteenth-century Deerfield Parade Cemetery, and a number of open fields and cleared areas. There are comparatively few modern intrusions in the form of new, late twentieth-century housing either in or adjacent to the district.

The scenic views of the houses and outbuildings, open land, and long views of surrounding hills when facing in all directions along Nottingham Road are a character-defining feature of the potential district. The mix of open fields and houses arranged laterally along the road with some wooded areas in between allow for scenic views along the road when traveling in either direction. The significant views are the public views of the buildings in relationship to the surrounding landscape. The siting of the houses was based on land division and topography and though views from the buildings were also a factor, elements such as picture windows, gabled dormers, or porches intended to capture distant views are not typical features of the majority of the historic resources in the potential district.

The Parade area has many historic associations. As the 1878 town history noted, the area "was well chosen by early settlers, because of its elevated position" which at that time was a primary thoroughfare between Portsmouth and Concord, and points westward and was "a scene of liveliness" until the new turnpike and later the railroad through Northwood bypassed the area. The Parade area was the location of the militia training ground, the site of eighteenth- and nineteenth-century stores and taverns, and the Deerfield Academy (burned 1842). The Parade area also was home to many of the town's early prominent and successful professionals, many of whose houses remain.

One property, at the easterly end of the potential district, has undergone some twentieth-century changes associated with its ownership by several generations of the same family. Deed research shows 65 Nottingham Road has been owned by three generations of the same family since 1950. Soon after purchasing the property the first generation of ownership erected a manufacturing building for the family manufacturing business, set back from the road to the southwest of the nineteenth-century Greek Revival farmhouse. This facility was later expanded with two additional buildings in c.1960 and c.1978, and eventually subdivided from the farmhouse property but still owned by the family. A c.1960 seasonal log cabin on a small pond at the southerly end of the property (beyond the transmission line) was not included in the district, but is instead assessed in a separate form (DEER138).

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

## II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

### a. Significance:

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The potential Deerfield Parade/Deerfield Village Historic District appears to possess significance as a cultural landscape representative of the town's early settlement patterns and rich agricultural history. The linear layout of the properties, open land, field patterns, and a mix of village houses and farmhouses and outbuildings represent a tangible manifestation of human actions and beliefs set against and within the natural landscape.

The potential hilltop district appears eligible under Criterion A in the area of Community Planning and Development for its role as one of the town's early village centers with adjoining agricultural properties. The Parade area has many historic associations that represent trends and broad patterns of history at the local level. In addition to its association as an early village center, site of the militia training ground, it was the site of eighteenth- and nineteenth-century stores, taverns, and shops (some of which appear to be present), and the Deerfield Academy (burned 1842). Other extant historic resources include a nineteenth-century school house (37 Nottingham Road), now a residence and a nineteenth-century cemetery. The "Deerfield Parade" area was also a part of the historic postal route between Portsmouth and Concord.

The potential district also appears eligible under Criterion A in the area of Agriculture for representing trends and patterns in local history, such as settlement patterns and family farming. Though few of the properties are actively farmed, they overwhelmingly retain their historic outbuildings and some of the historic land use patterns such as open fields and stone walls that convey that historic setting and significance.

The potential district also appears eligible under Criterion C for Architecture for embodying the distinctive characteristics of a type, period, or method of construction. The district is mostly a collection of eighteenth and nineteenth-century houses with period finishes and details and many with either connected carriage barns or ells and barns. The collection includes a range of house forms commonly built in prosperous New England village centers and adjacent agricultural areas in those centuries. The styles include Georgian, Federal, Greek Revival, Italianate, and Queen Anne. The Deerfield Parade Cemetery, which contains predominantly nineteenth-century monuments and contributes under Criterion Consideration D, is surrounded by a granite block wall and entered through cast-iron decorative gates.

See the "Village Development" and "Agriculture" contexts in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance?*

*Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

A majority of the twenty-four properties in the potential district retain integrity of design, setting, materials, workmanship, feeling, location and association. The historic resources retain not only their proportions, massing, patterns of fenestration, and exterior historic finishes and detailing but also evidence of the artisans' labor and skill in the construction of the buildings and in the carving of the monuments in the cemetery. The district not only retains the character of the place in which the properties played their historical role, but also their relationships to the surrounding landscape features including improved house lots, cleared fields, stone walls, and open space. The historic resources in the potential district express the historic sense of the eighteenth and nineteenth centuries with a mix of one- and two-story houses in a range of styles, many with attached outbuildings. The properties not only retain the historic relationships between the buildings along the streetscape but also the historic designs and views and circulation networks. There are historic stone walls parallel to sections of Nottingham Road throughout the district.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundaries of this district include (with one exception) full parcels of contiguous resources that relate to the overall significance of the district. When fully analyzed the boundaries of a potential district would likely be smaller and would exclude rear portions of a number of parcels which have grown up with woods and thus are no longer visually connected to the district. (Similar to the approach followed for the National Register-listed Deerfield Center Historic District (DEER10). Adjacent historic resources not included in the district may potentially qualify for the National Register but have different areas of significance and/or different periods of significance.

As stated above, the rear (southern) portion of one parcel (65 Nottingham Road) was not included in the district. This part of the parcel had a different period of significance and did not contribute to the district, but did appear to qualify for a later period. A separate assessment form (DEER138) was prepared for the rear portion of the parcel.

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

Viewshed maps and on-site survey indicate that the Project will not be present in historically significant views from buildings in the potential Deerfield Parade/Deerfield Village Historic District. However, the Project will be minimally visible to the public from three locations along Nottingham Road; two of these locations include a view of historic resources that contribute to the significance of the potential district.

The first of these locations is across an open field adjacent to 23 Nottingham Road. At this location, the top of an existing structure is now visible against and slightly above a background of trees in the main public view of the historic house when approaching from the northeast. 3-D modeling and photo overlays show that at this location the Project will result in the top of one additional new structure being visible, but that other new structures will be screened by mature vegetation. The second location is in a public view of 15 Nottingham Road. Presently, the top of an existing wooden monopole structure is visible in partially leaf-off conditions at the east edge of an open field, seen against and above a background of trees. The Project will result in the top of one additional new structure being visible. This view is also affected by a new c.2007 house that has been constructed behind the historic property constituting an intrusion in the district. The third location is west of the cemetery as Nottingham Road descends the hill. On the south side of the road two wooden monopole structures are currently visible on an elevated site in the middle ground against a background of trees. The Project will result in one additional structure seen against a background of

Property ID: DEER05

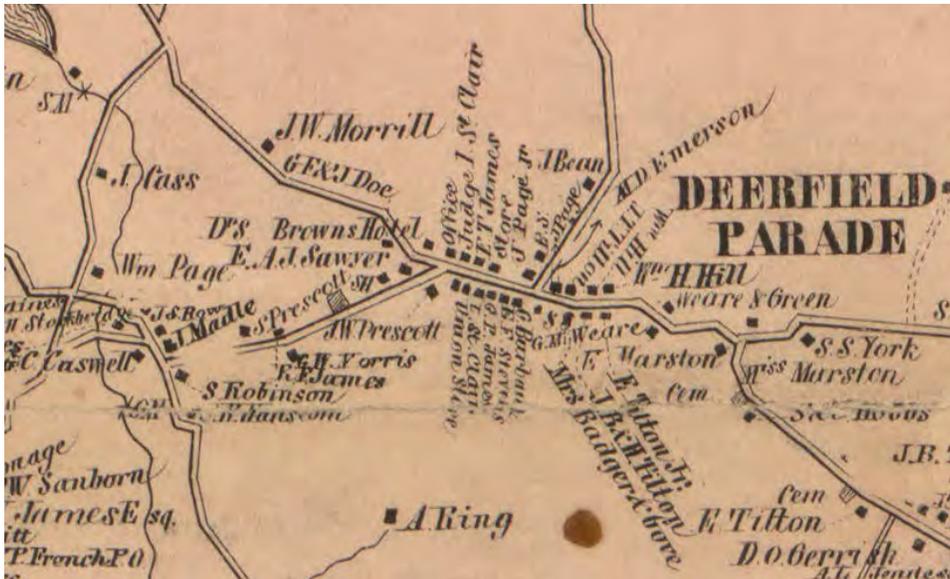
Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

trees and against the sky above the tree line. There are no historic built resources included in this view. This view is brief when traveling along the road, and does not diminish the integrity of the historic setting, or the historic views to the southwest across some open fields and wooded areas.

The Project will be in view from secondary areas within the potential historic district. These include the field north of 26 Nottingham, fields associated with 23 Nottingham and open areas/fields around 65 and 73 Nottingham. The visibility of the Project in these open fields is limited and does not lessen the understanding or appreciation of the historic landscape or compromise the ability of the potential district to impart its agricultural significance. The Project cuts through wooded areas, and there will also be near views when standing in a woodland to the rear of 65 Nottingham and the parcel east and south of 73 Nottingham.

In general although the Project will be minimally visible in some discrete locations, views for the most part are slight and do not impact major vistas within the district. For the overwhelming majority of the historic resources in the potential district and for the potential district as a whole, topography, screening by wooded areas, or distance from the Project prevent views in the main public views of the historic resources.

#### IV. SUPPORTING MATERIALS



Chace 1857 map showing Nottingham, James City, and Parade roads



Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Detail Map A) Key to Photos 1-5 (Google Earth)



Photo 1) 15 Nottingham Road, c.1830 Greek Revival end house with connected carriage barn, facing southwest in direction of Project [2013 Field Photo: IMG\_1940]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 2) 18 Nottingham Road, c.1860 brick Greek Revival cape, with rear ell and detached New England barn, facing north [2013 Field Photo: IMG\_1898]



Photo 3) 23 Nottingham Road, c.1840 Greek Revival/Italianate connected farmstead with north-facing two-story end house and New England bank barn, facing southwesterly [2014 Field Photo: IMG\_4048]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 4) 24 Nottingham Road, c.1840 connected farmstead with easterly facing one-and-one-half-end house and attached New England barn, facing northwest [2013 Field Photo: IMG\_1899]



Photo 5) Views to southwest from west of cemetery and east of 23 and 24 Nottingham Road, facing southwest [Google Earth Street View]

Historic Resource Assessment

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Detail Map B) Key to Photos 6-13 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 6) Parade Cemetery, Nottingham Road, nineteenth-century cemetery with granite block wall and iron gates, facing northwesterly [2014 Field Photo: IMG\_4041]



Photo 7) 37 Nottingham Road, c.1877 former schoolhouse converted to residence plus detached garage on 0.25 acre parcel [Deerfield Tax Card]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 8) View south on Nottingham Road towards 37 Nottingham Road and the Deerfield Parade Cemetery, facing south [Google Earth Street View]



Photo 9) 40 Nottingham Road, c.1910 side gable house with attached outbuildings on 2.8 acre parcel, facing northeast [Deerfield Tax Card]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 10) 3 Parade Road, c.1878 Italianate gable block with attached carriage barn on 149-acre parcel, facing north. This property also includes a one-story Cape located further west on Parade Road with garage addition. [2014 Field Photo: IMG\_4039]



Photo 11) 41 Nottingham Road, c.1800 Colonial with later Italianate period finishes, rear ell and attached carriage barn on 5.14 acre parcel at southeast corner of Nottingham and Parade roads, facing southwest [2013 Field Photo: IMG\_1931]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 12) 43 Nottingham Road, c.1800 altered side-gable house subdivided into four apartments, facing south [2013 Field Photo: IMG\_1930]



Photo 13) 45 Nottingham Road, c.1750 altered cape with wing addition, two barns and shed on 0.98 acre parcel, facing southwest [Deerfield Tax Card]

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Detail Map C) Key to Photos 14-19 (Google Earth)



Photo 14) 46 Nottingham Road, c.1800 [tax card says c.1760] ell house with attached carriage barn on 3.8-acre parcel, facing north [2013 Field Photo: IMG\_1906]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 15) 47 Nottingham Road, c.1740 cape on 0.7-acre parcel, facing south [2013 Field Photo: IMG\_1929]



Photo 16) 48 Nottingham Road, c.1880 end house in the Italianate style with rear ell, attached carriage barn and detached gable-front outbuilding, possibly a former shop on 5.71-acre parcel, facing northeast [Deerfield Tax Card]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 17) 49 Nottingham Road, Italianate end house with wing on 25-acre parcel, facing southwest [2013 Field Photo: IMG\_1928]



Photo 18) 49 and 48 Nottingham Road, facing westerly towards Deerfield Parade [Google Earth Street View]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 19) 51 Nottingham Road, c.1900 connected farmhouse with attached carriage barn on 0.98 acre parcel, facing southwest [2013 Field Photo: IMG\_1927]

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Detail Map D) Key to Photos 20-24 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 20) 4 Harvey Road, c.1750 cape with garage wing addition on 6.47-acre parcel, facing north [Deerfield Tax Card]



Photo 21) 58 Nottingham Road, c.1860 Italianate gable block house (tax card says c.1800) with connected carriage barn on 12.14-acre parcel, facing northeast [2013 Field Photo: IMG\_1910]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 22) 59 Nottingham Road, c.1800 cape with rear ell on 0.28-acre parcel [Deerfield Tax Card]



Photo 23) 61 Nottingham Road, c.1800 center chimney house (tax card says c.1750), carriage house, shed on 1.6-acre parcel, facing southwest [2013 Field Photo: IMG\_1926]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Photo 24) 63 Nottingham Road, c.1950, c.1960, c.1978 buildings on 3.1-acre parcel, facing south [2013 Field Photo: Pano\_1919-1924]



Detail Map E) Key to Photos 25-26 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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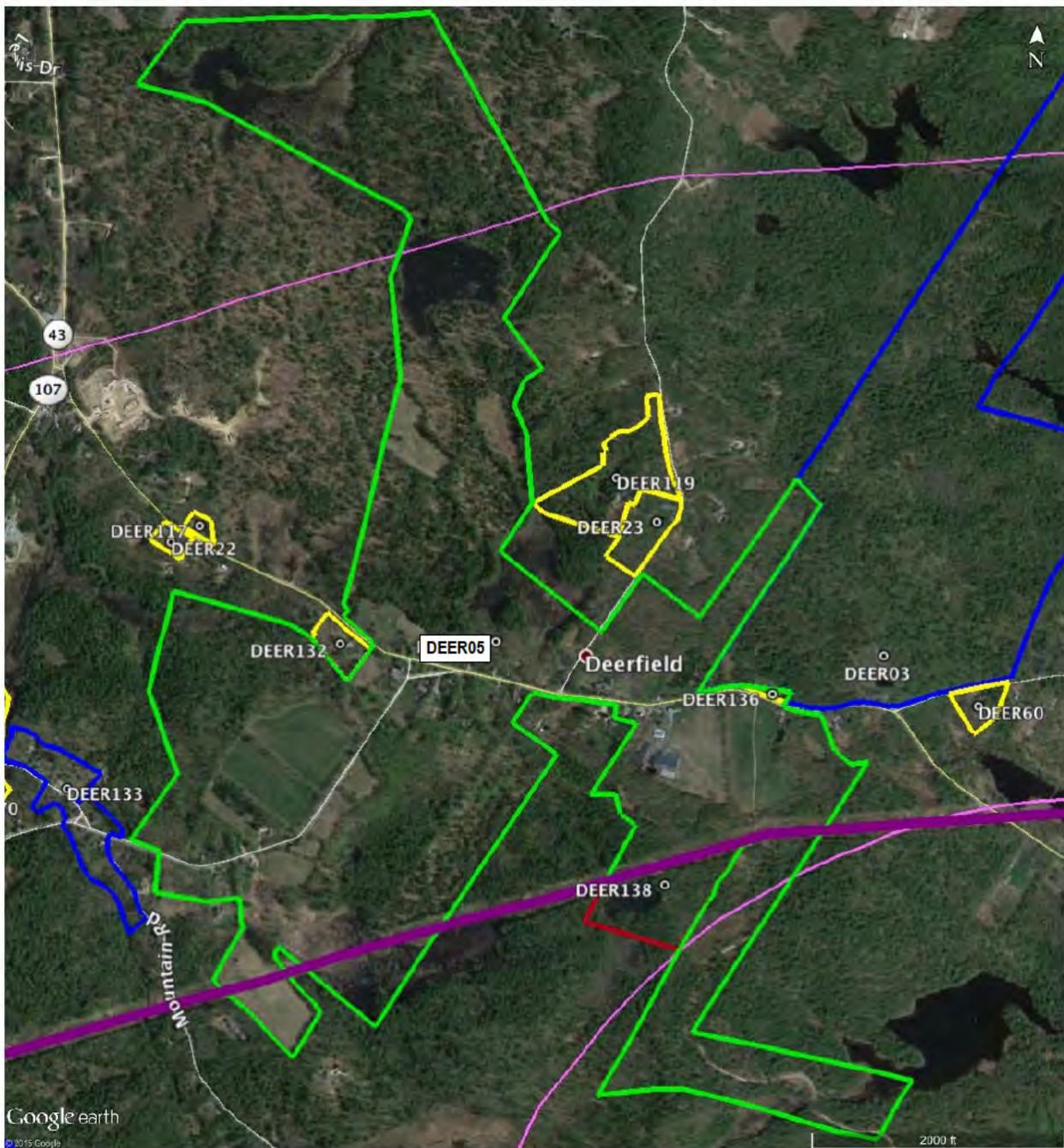
Photo 25) 64 Nottingham Road, c.1830 Cape with later alterations on 12.1-acre parcel and 65 Nottingham Road, c.1850 Greek Revival gable-front with center entry and rear ell on 33.4-acre parcel, facing east [2014 Field Photo: IMG\_4040]



Photo 26) 73 Nottingham Road, c.1850 Greek Revival Cape with attached carriage barn on 8.34-acre parcel, facing southwest [2014 Field Photo: IMG\_4061]

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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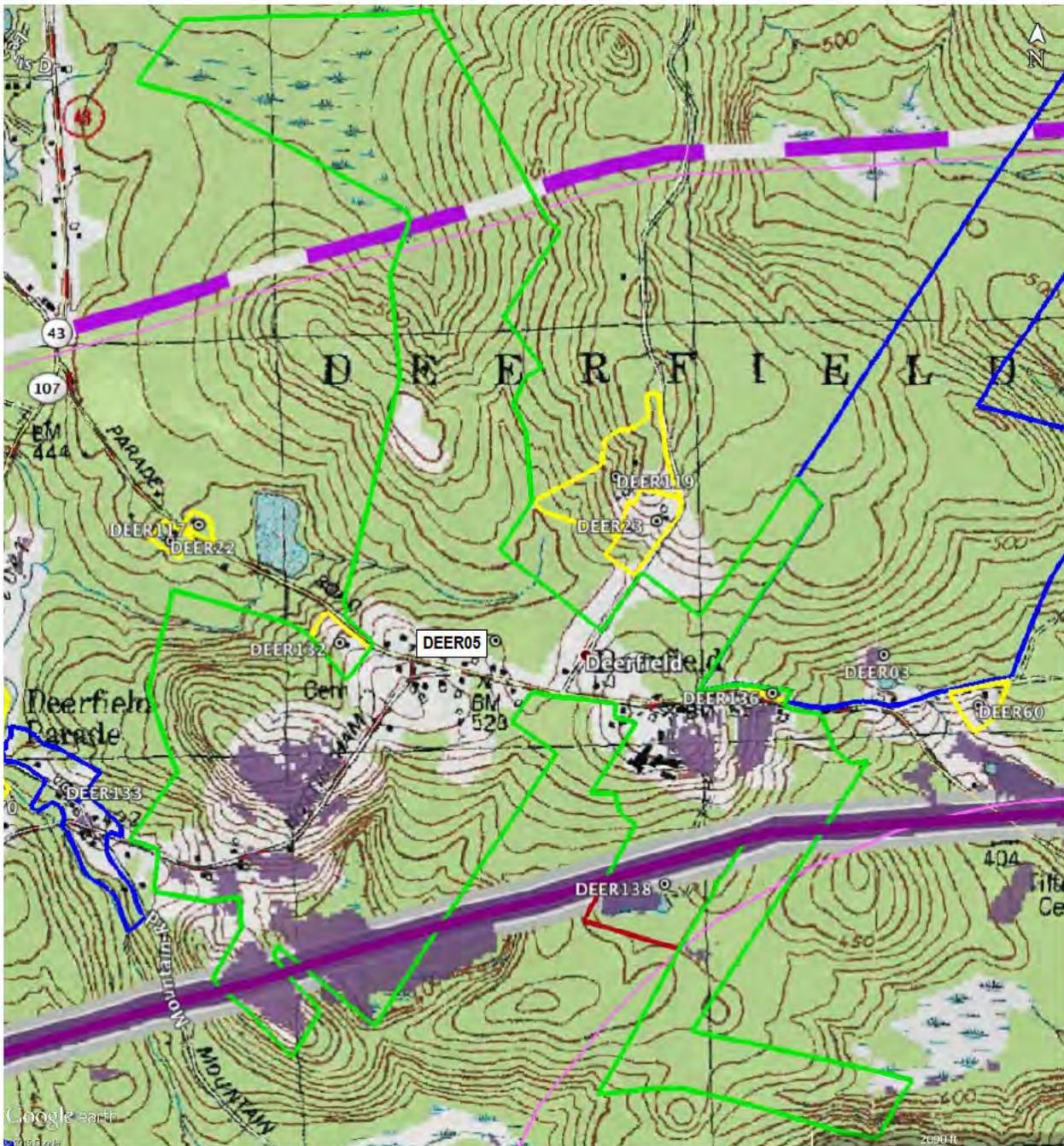
**Map Key**

Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project		Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
 Green	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER05

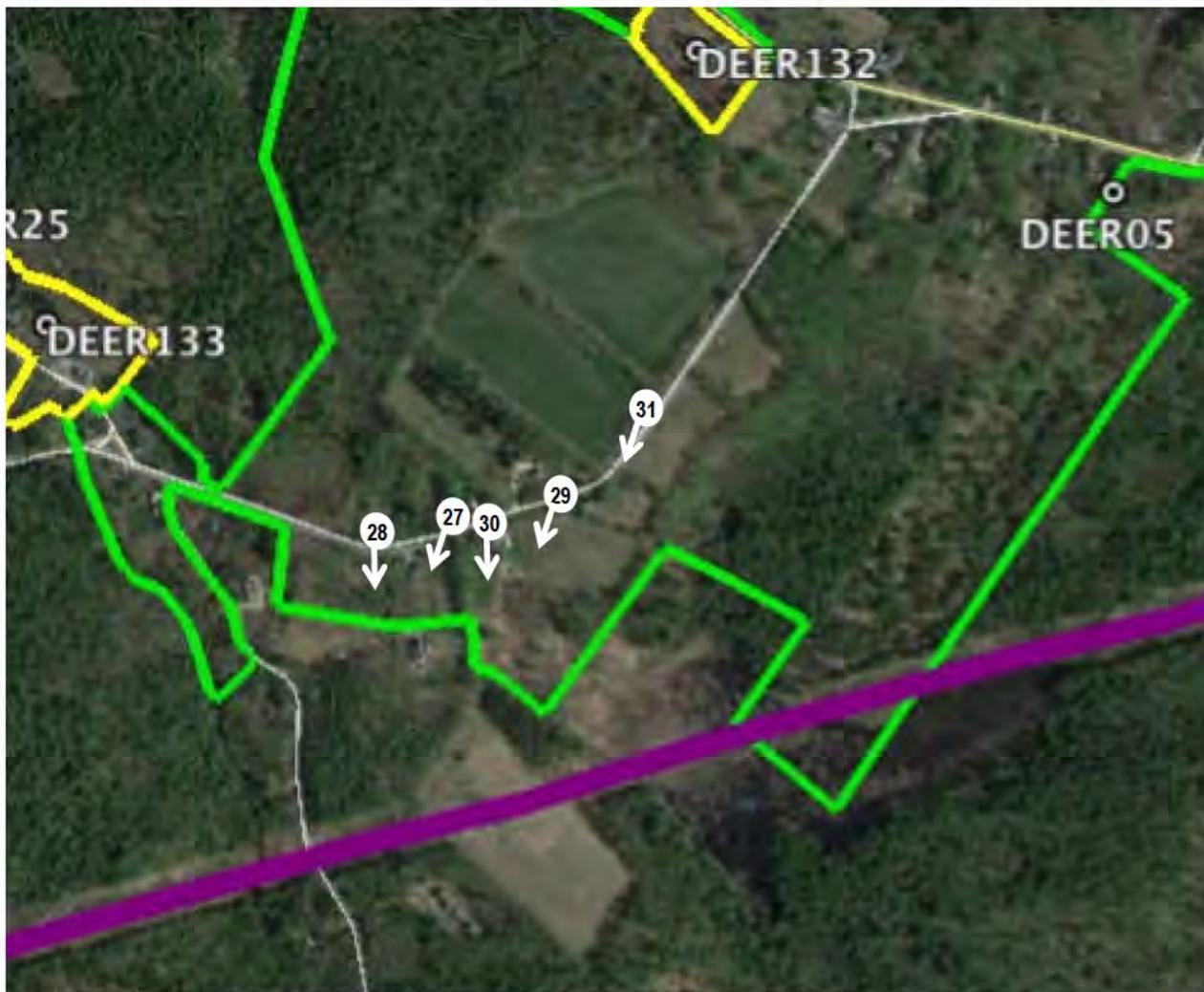
Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Viewshed map showing DEER05, Limit of APE for Historic Resources  and Project 

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Key to view photos 27-31, southwest end of DEER05



Photo 27) Panoramic view of 15 Nottingham Road, facing SSW in direction of Project when approaching from the east. The Project is nearly two-tenths of a mile away. One existing wooden monopole structure is visible in partially leaf-off conditions (arrow) at east edge of this view, seen against a background of trees. This view also includes a modern intrusion, 10 Mountain Road, a c.2007 house [2014 Field Photos: Pano\_4052-4055]

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 28) Peripheral view from road adjacent to 15 Nottingham Road, in direction of Project, facing south. The existing transmission line conductors are visible in this view (arrow), seen against a background of trees, which also includes the intrusion of the modern house on the adjoining parcel to the south [2013 Field Photo: IMG\_1941]



Photo 29) 23 Nottingham Road, facing southwest in direction of Project. One existing wooden monopole structure (arrow) is visible against the background of trees [2013 Field Photos: Pano\_1935-1936]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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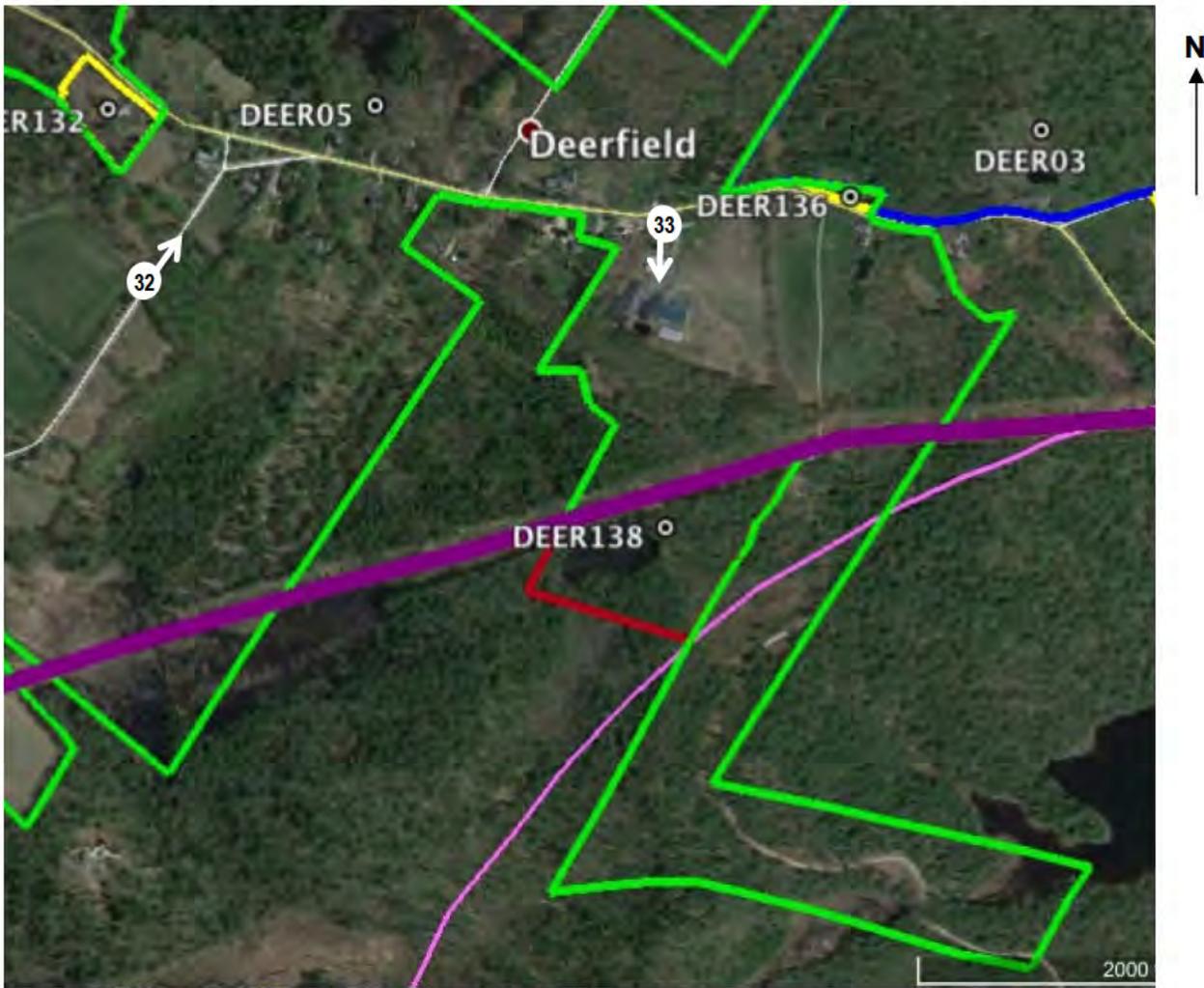
Photo 30) 23 Nottingham Road, facing SSW in direction of Project [2013 Field Photos: Pano\_1937-1938]



Photo 31) View southwest from southwest of the cemetery, across fields in direction of Project. The tops of two existing structures are visible in view (arrows). This view does not include historic resources (2013 Field Photo: IMG\_1933).

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH



Key to view photos 32 and 33, center of DEER05



Photo 32) Panoramic of Deerfield Parade area, facing northeast [Google Earth Street View]

*Historic Resource Assessment*

Property ID: DEER05

Property Name/Address: Deerfield Parade/Deerfield Village Historic District, Deerfield, NH

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Photo 33) Panoramic of 65, 63, and 61 Nottingham Road, facing south in direction of Project [Google Earth Street View]

# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

### Property ID: DEER10

Property Name/Addresses:

Deerfield Center Historic District (NR 2002)/  
1 Candia Road, 3-15 Church Street (formerly  
Old Center Road South), Deerfield, NH



### I. PROPERTY DESCRIPTION AND SETTING

The Deerfield Center Historic District is a characteristic nineteenth-century New England village center, with a mix of nineteenth- and twentieth-century civic, institutional, and residential buildings located along Church Street just west of its intersection with Candia Road. It was listed in the National Register of Historic Places in 2002; the Deerfield Town Hall previously had been listed individually in the National Register of Historic Places in 1980. At the time of the establishment of the historic district, the ROW had been present for at least fifty years. The existing ROW dates to no later than c.1953 and likely to the mid-1920s. The northerly boundary of the Historic District is from 0.04 to 0.18 miles southeast of the existing transmission lines, which pass diagonally to the northwest and north after crossing Church Street just 0.08 miles northwest of the westerly district boundary. Within the historic district a short new road, Upham Drive, leads to Sherburne Woods, an elderly housing project, built c.2003 between the historic district and the existing transmission lines. To the east of the housing project, also between the historic district and the existing transmission lines, is a c.1981 contemporary house with a pool and outbuildings.

The buildings in the historic district, mostly set back from the road on generous village lots, with some facing Church Street and the buildings on the other side of the road and some sited with the gable ends to the road. Woods along the northerly side of the historic district generally provide screening for the individual historic resources to the north. Two isolated and intermittent views of existing structures and conductor wires are present on the north side of the historic district. The top of one existing structure is visible from the parking lot behind the Deerfield Community Church (15 Church Street), located at the west end of the historic district. An isolated view of a top of a structure in leaf-off conditions in the main public view of First Baptist Church (9 Church Street) is seen through the trees. In both instances, modern intrusions noted above are located between the buildings and the existing transmission lines.

The Deerfield Center Historic District originally consisted of thirteen contributing and four non-contributing buildings on both sides of Church Street. Since the listing one of the houses, the

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Property Name/Address: Deerfield Center Historic District (NR 2002)/1 Candia Road, 3-15 Church Street (formerly Old Center Road South), Deerfield, NH

nineteenth-century Ballou-Hill House (8 Church Street), has been demolished, and one of the non-contributing buildings due to age, the c.1954 Johnston House, is now fifty years of age. Due to its general similarity to the 1948-1949 Congregational Parsonage it would likely now be considered contributing. The historic district contains six institutional buildings including three nineteenth-century churches, all on the north side of the road and, on the south side of the road, the nineteenth-century town hall, the 1910s library and the non-contributing 1930s fire station,. The oldest of the churches is the 1834 First Baptist Church (9 Church Street), a gable-front church with its original two-stage belfry in the "Gothick" style that originally also featured Gothic-arched openings and ornament. All of the Gothic detailing except on the belfry was replaced later in the nineteenth century with Italianate style trim around the windows and entry hoods supported by scrolled brackets above the pair of façade entries. The 1835 Congregational Church (now the Deerfield Community Church, 15 Church Street) is a gable-front Greek Revival church with a belfry and late nineteenth-century spire and paneled pilasters on the facade and later Victorian alterations. A recent rear addition has been added to the nineteenth-century rear addition. The 1881-1882 Freewill Baptist Church (7 Church Street, now used for offices), the last of the churches to be erected in the village but the third of the Freewill Baptist churches to occupy the site, is a gable-front church in the Stick Style with an altered corner tower. Like the Deerfield Community Church, some modern additions have been made to the rear. The 1856 Deerfield Town Hall (10 Church Street) is a two-story, gable-front town hall in the Greek Revival/Italianate style with three entries spanning the three-bay facade. The 1913-1914 Soldiers Memorial, 4 Church Street, is a one-story brick Classical Revival library with a large pedimented gable-roofed portico supported by brick piers and four Ionic columns, designed by the well-known New Hampshire architect Chase R. Whitcher. The 1932-1933 Deerfield Fire Station (6 Church Street), non-contributing due to alterations, is a two-story, gambrel-roofed building with a concrete block first story and four truck bays spanning the facade.

The historic district includes five nineteenth-century houses and two twentieth-century capes. The oldest house is the c.1834 Pulsifer House (14 Church Street), a one-story late Federal cape with a one-story rear ell and attached carriage barn and detached small shed. The c.1840 Stevens-Currier House (5 Church Street) is a two-story gable block in the Greek Revival style with a small off-set one-story wing and shed-roofed rear addition.

Three of the houses are sited facing east with the gable ends towards the street. The 1859 Baptist Parsonage (9 Church Street), sited facing the church to the east, is a two-story, four-bay, side-gable house with a one-story wing that historically connected to a carriage barn that was removed in the 1960s. The c.1860 Goodhue House is a two-story, two-bay, side-gable house with a one-story wing connected to a carriage barn. The c.1860 Ballou House (1 Candia Road), sited facing Candia Road, is a two-story, four-bay, side-gable house with a one-story wing and connected carriage barn.

The two twentieth-century houses, both capes are the 1948-1949 Congregational Parsonage (12 Church Street) which like several of the nineteenth-century houses is sited facing east with the gable end to the street and the non-contributing Johnston House (13 Church Street), built c.1954.

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**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?

Y  N

As noted above, the Deerfield Center Historic District was listed in the National Register of Historic Places in 2002; previously the Deerfield Town Hall had been individually listed in the National Register of Historic Places in 1980. The following is from the 2002 nomination:

“The Deerfield Center Historic District was determined significant in the area of Community Planning and Development for its development in the nineteenth and early twentieth century as the religious and governmental center of Deerfield. It was also determined significant in the area Architecture for its fine collection of mid- and late-nineteenth-century and early twentieth-century buildings.”

See the “Village Development” and “Public Institutions” contexts in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

**b. Integrity:**

Is the area/district able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The 2002 National Register nomination determined the Historic District retained all the aspects of integrity necessary to convey its historic significance.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district has met National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

How much of the parcels of land associated with the historic structures appears to be part of the eligible property?

The boundaries established for the historic district consist of portions of parcels in several instances rather than the entire parcel. The 2002 NR nomination noted that:

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“Generally the property boundaries of the included properties have been followed, as they typically include the land that has been historically associated with the contributing buildings. In the cases of both Deerfield Town Hall (#5) and the Deerfield Community Church (#8), substantial acreages have recently been added to the original building lots. Most of these added acres have been excluded from the historic district, as not being historically associated with the contributing buildings. Rear portions of other lots have grown up to woods and have therefore been excluded because they are no longer visually connected to the district.”

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

Viewshed mapping and on-site survey indicates that there will be views from scattered locations within the historic district boundary similar to the present isolated and intermittent views of the existing structures and conductors. Some of these views also include a modern intrusion between the historic district and the Project, Sherburne Woods, the c.2003 elderly housing development. These views were present at the time when the district was nominated and listed on the National Register of Historic Places. The proposed new structures for the new 345-kV transmission line will be weathering steel monopoles rather than the lattice structures that were initially proposed in this portion of the ROW north of the historic district. The use of monopoles will reduce their visibility as seen through the trees.

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The Project will not be significantly visible in the main public views of the historic district. A photosimulation by Terrence J. DeWan & Associates shows that the Project will not be visible in the main public views of the historic district when looking west along Church Street from the center of the historic district. The woods at the rear of the properties on the north side of the historic district screen views of the structures from the main public views of the historic resources (though conductors can be visible in leaf-off conditions). Also in these views is a modern intrusion, Sherburne Woods, the c.2003 elderly housing development which is accessed from Upham Drive, a new road that passes through the Historic District.

The significant views of the historic district are the public views of the buildings in relation to the historic setting, which are village lots with buildings facing inward within the historic district towards each other and the road. Scenic views were not part of the design intent or architectural character of the buildings in the Deerfield Center Historic District. Viewshed mapping and on-site survey indicate views from the rear of the Deerfield Community Church of the top of the structures and some of the conductor wires. This is not a character-defining or historically significant view as the rear of the church has a recent large rear addition.

The addition of the Project to the several isolated views of existing structures and lines is not sufficient to detract from the appreciation of the historic resources in their historic setting, nor affect the District's listing in the National Register. The isolated minimal views will not noticeably alter or diminish aspects of the historic setting that contribute to the significance of the historic district.

#### IV. SUPPORTING MATERIALS

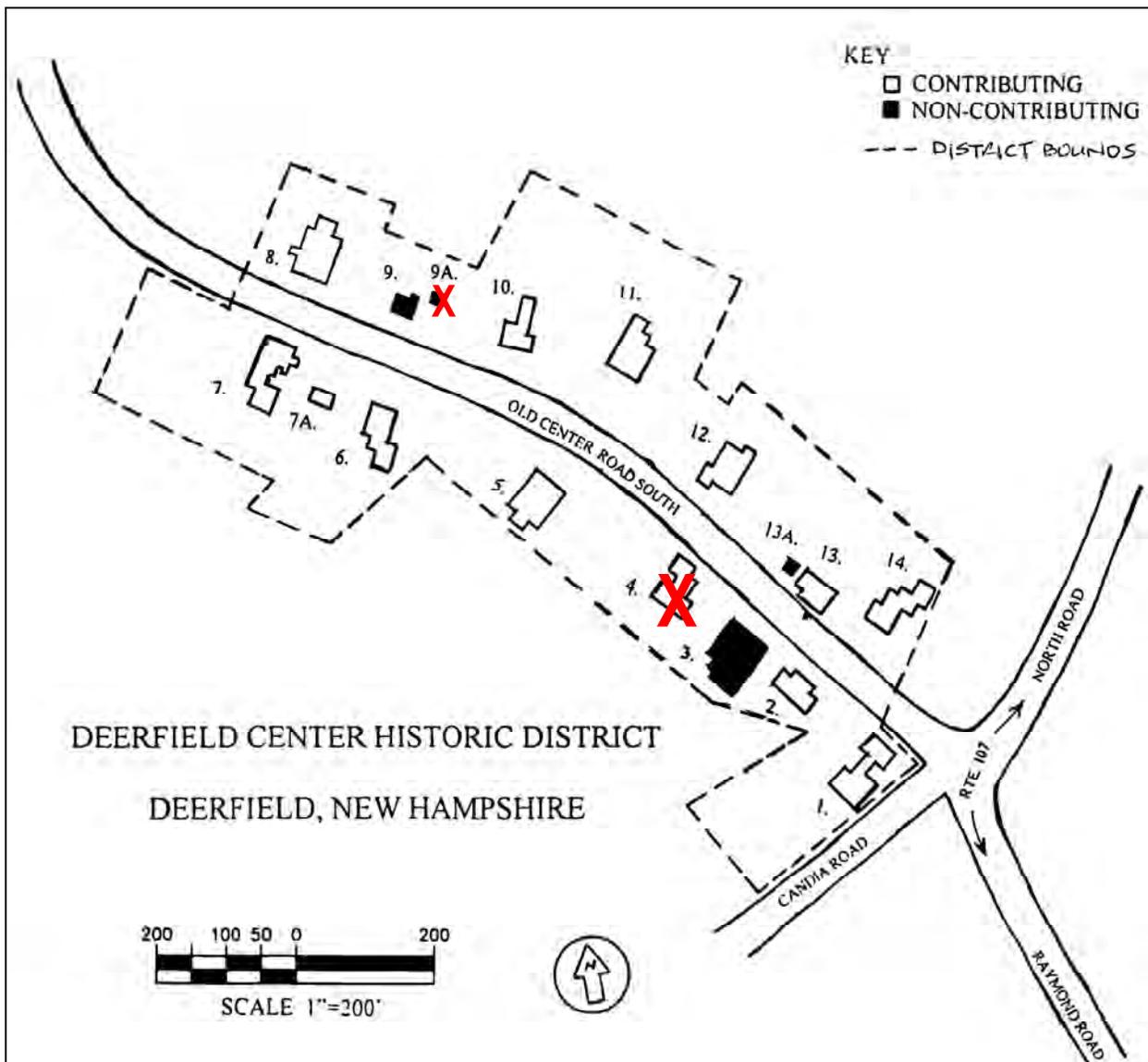


Aerial of Deerfield Center Historic District boundaries (aqua), showing location of Sherburne Woods, the c.2003 Deerfield elderly housing development (bottom white arrow) and c.1981 contemporary house (top yellow arrow) and associated outbuildings, located between the historic district and the Project. The existing ROW is in the upper left. [Google Earth]

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Properties in Historic District:

- 1: Ballou House, 1 Candia Road, c.1860
- 2: Soldiers Memorial, 4 Church Street, 1913-1914
- 3: Deerfield Fire Station, 6 Church Street, 1932-1933
- 4: Ballou-Hill House (*demolished*)
- 5: Deerfield Town Hall, 10 Church Street, 1856
- 6: Congregational Parsonage, 12 Church Street, 1948-1949
- 7: Pulsifer House, 14 Church Street, c.1834
- 8: Deerfield Community Church (originally Congregational Church), 15 Church Street, 1835
- 9: Johnston House, 13 Church Street, c.1954
- 9A: Johnston Garage, ca. 1954 (*demolished*)
- 10: Baptist Parsonage, 9 Church Street, 1859

*Historic Resource Assessment*

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11: First Baptist Church, 9 Church Street, 1834

12: Freewill Baptist Church, 7 Church Street, 1881-1882

13: Stevens-Currier House, 5 Church Street, c.1840

13A: Silloway Shed at 5 Church Street, c.2000

14: Goodhue House, 3 Church Street, c.1860



Key to Photos 1-9 (Google Earth)

*Historic Resource Assessment*

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Photo 1) Streetscape, with Baptist Parsonage, 9 Church Street, and First Baptist Church, 9 Church, facing northeast [2013 Field Photo: IMG\_1844]



Photo 2) Streetscape, with Deerfield Town Hall, 10 Church Street at right, and Freewill Baptist Church, 7 Church Street, at left, facing easterly [2014 Field Photo: IMG\_4013]

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Photo 3) Deerfield Community Church (originally Congregational Church), 15 Church Street, facing northwest [2013 Field Photo: IMG\_1843]



Photo 4) First Baptist Church (now Deerfield Bible Church), 9 Church Street, facing north [2013 Field Photo: IMG\_1845]

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Photo 5) Freewill Baptist Church (now Deerfield Business Center), facing northerly [2013 Field Photo: IMG\_1846]



Photo 6) Stevens-Currier House, 5 Church Street, facing northerly [2013 Field Photo: IMG\_1848]

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Photo 7) Soldier's Memorial Public Library, 4 Church Street, facing south [2013 Field Photo: IMG\_1847]



Photo 8) Deerfield Town Hall, built 1856, 10 Church Street, facing south [2014 Field Photo: IMG\_4016]

*Historic Resource Assessment*

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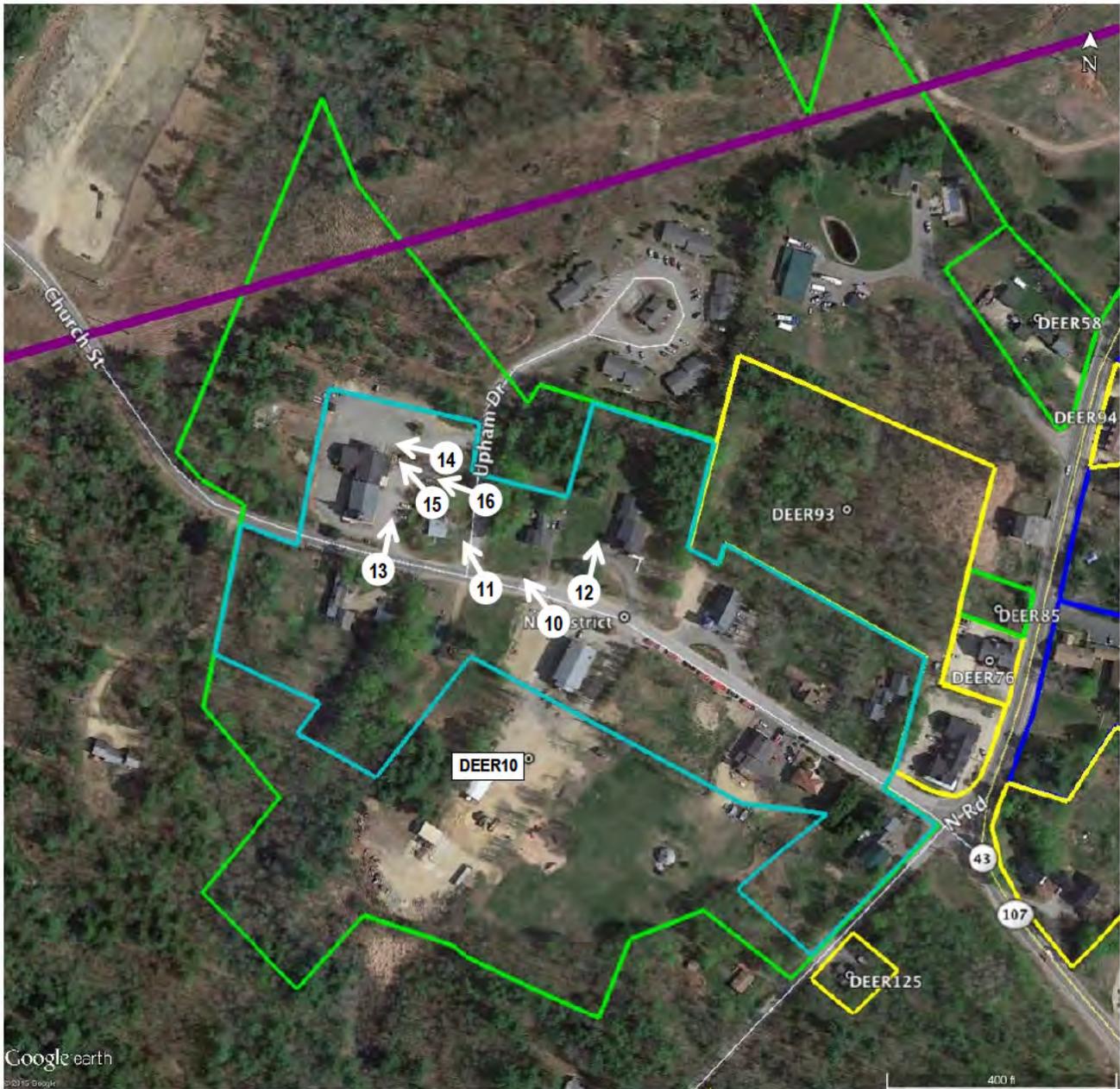


Photo 9) Sherburne Woods, the c.2003 elderly housing development located between the historic district and the Project. The existing transmission lines conductors and one structure (set against a background of trees) are visible just northwest of the development.

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*Historic Resource Assessment*

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**Map Key**

Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project	 Project	
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)	 Limit of APE for Historic Resources	
 Green	Properties assessed with more than minimal views of the Project	 Town Boundaries (thin yellow line)	
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)	 Photo Numbers	
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Historic Resource Assessment

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Viewshed map showing DEER10 (white arrow), Limit of APE for Historic Resources  and Project 

Property ID: DEER10

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Photo 10) A main public view, of the historic district, facing northwest, including the Deerfield Community Church (15 Church Street), the Johnston House (13 Church Street), and the Baptist Parsonage. Upham Drive that leads to Sherburne Woods, the c.2003 elderly housing development is in the center between the Johnson House and Baptist Parsonage (bottom arrow). The existing transmission line conductors (top arrow) are visible intermittently behind the trees in these leaf-off conditions [2014 Field Photo: IMG\_4001]



Photo 11) Johnston House, 13 Church Street (non-contributing at the time of the 2002 National Register listing), and the new Upham Drive that leads to Sherburne Woods, the c.2003 elderly house development located north of the historic district between it and the Project. The added road diminishes the historic setting and historic views at this location. The existing transmission line conductors (arrow) are visible intermittently behind the trees in these leaf-off conditions.

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Photo 12) View northerly in direction of Project to west of the First Baptist Church, 9 Church Street, in leaf-off conditions. The view includes existing conductors (left arrow) and Sherburne Woods (right arrow), the c.2003 elderly housing development, located between the historic district and the Project. [IMG\_4014]



Photo 13) Panoramic view to north from east side of Deerfield Community Church with view of existing conductors and one existing structure (top arrow), seen through the trees in leaf-off conditions. The view also includes Sherburne Woods (bottom arrow), the c.2003 elderly housing development, located between the historic district and the Project. [2013 Field Photo: Pano\_4007-4009]

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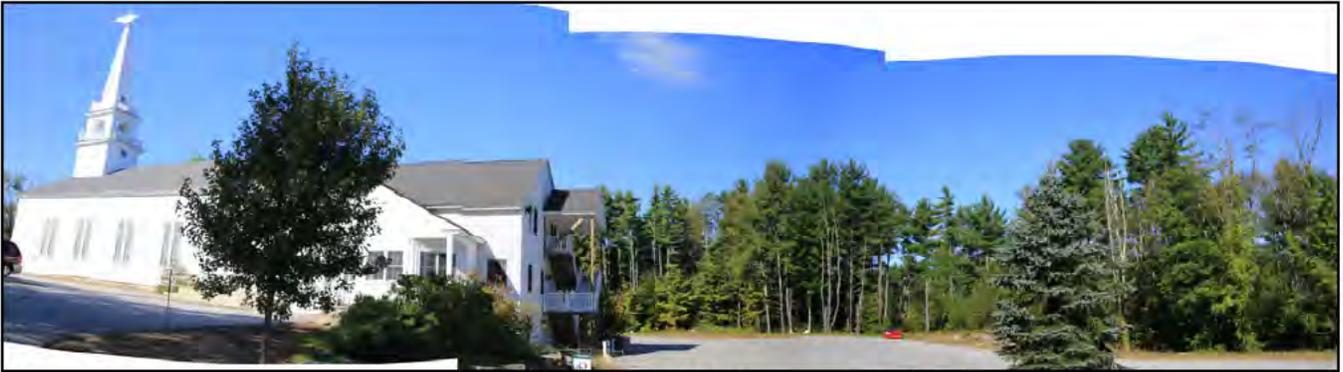


Photo 14) Panoramic view of east elevation of Deerfield Community Church, modern rear addition, and rear parking lot with view of existing conductors through the trees. This is not a historically significant view due to the modern addition on the church. [2014 Field Photo: Pano\_1837-1840]



Photo 15) Parking lot at rear of Deerfield Community Church, 15 Church Street, facing northwest in direction of existing transmission lines. The conductors of the existing transmission lines are visible intermittently through the trees. The existing and proposed structures, which are not visible, are to the 0.04 to 0.06 miles to the right of where the conductors are visible, screened by the mature vegetation. This is not a historically significant view as it is to the rear of the church which has a recent modern rear addition. [2013 Field Photo: IMG\_1840]

*Historic Resource Assessment*

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Property Name/Address: Deerfield Center Historic District (NR 2002)/1 Candia Road, 3-15 Church Street (formerly Old Center Road South), Deerfield, NH

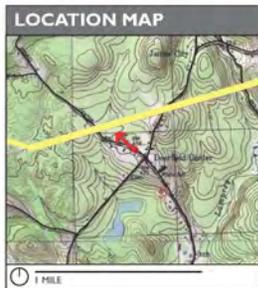
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Photo 16) Parking lot at rear of Deerfield Community Church, 15 Church Street, facing northwest in direction of existing transmission lines in leaf-off conditions. The conductors of the existing transmission lines are more visible intermittently through the trees in these conditions. [2014 Field Photo: IMG\_4010]



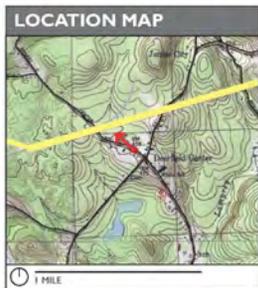
**DEERFIELD VILLAGE CENTER - CHURCH STREET, DEERFIELD**  
 EXISTING CONDITIONS: PANORAMA



TECHNICAL INFORMATION			
TRANSMISSION LINE		EXISTING	PROPOSED
	115-kV structure type	Steel and Wood Monopole (not visible)	Weathering Steel Monopole
	Height range of visible 115-kV structures	84 - 88 feet (not visible)	97 feet
	345-kV structure type	N/A	Weathering Steel Monopole
	Height range of visible 345-kV structures	N/A	130 feet
Right-of-way width	200 feet	200 feet	
PHOTOGRAPH	Date and time: 4/14/11 at 3:07pm	Location: 43.133392° N, -71.242717° W	Viewing Direction: West
	Distance to visible structures: 0.20 mile	Number of transmission structures visible in the photosimulation: 1 (leaf-off conditions)	
	Camera Focal length (50mm equivalent): 35mm	Camera Make/Model: Canon REBEL SLR	Photo Source: LandWorks

NOTES
<b>GENERAL NOTES</b> Simulation is based upon preliminary design plans. Structure design and location will be finalized during the detail design and permitting process.
<b>PHOTOSIMULATION PRODUCTION</b> By LandWorks. Published February 27, 2013.
<b>VIEW DESCRIPTION</b> View of Church Street in front of the historic Town Hall looking toward Deerfield Community Church (leaf-off conditions).

**DEERFIELD VILLAGE CENTER - CHURCH STREET, DEERFIELD**  
 PHOTOSIMULATION: PANORAMA



TECHNICAL INFORMATION			
TRANSMISSION LINE		EXISTING	PROPOSED
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	Height range of visible 115-kV structures	84 - 88 feet (not visible)	97 feet
	345-kV structure type	N/A	Weathering Steel Monopole
	Height range of visible 345-kV structures	N/A	130 feet
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<b>PHOTOSIMULATION PRODUCTION</b> By LandWorks. Published February 27, 2013.
<b>VIEW DESCRIPTION</b> View of Church Street in front of the historic Town Hall looking toward Deerfield Community Church (leaf-off conditions).

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER12**

Property Name/Address:

Hillcrest Farm/17 Ridge Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

Hillcrest Farm, a former mid- to late eighteenth-century ridge farm sited along one of Deerfield's several ridges with historically significant views in all directions, now includes only an eighteenth-century center-chimney house with a three-bay garage (possibly an altered wagon or equipment shed). The property, until recently, also included a New England barn but that is no longer extant. The house faces southwest onto Ridge Road away from the existing transmissions lines which are nearly four-tenths of a mile to the north at a lower elevation. The lines run east/west parallel to the road and rear of the property and are minimally visible from that location. The ROW appears to date to no later than c.1929. The setting is a rural local road, traversing one of Deerfield's several easterly-westerly running ridges with scattered farmsteads and open fields on both sides of the road. There is some modern development encroaching to the west of the property.

The historic farm included land on both sides of the road and it continues to do so (Map 414, lots 97 and 24, totaling 155 acres). The forty-five-acre house lot includes a large center-chimney house (c.1766), with an offset, three-bay garage wing. An added hip-roofed entry porch screens the center entry; a shed-roofed porch screens the secondary entry on the east gable end. A historic photo (c.1960) shows they were present by that time. The house retains its historic fenestration pattern and original massing but has replacement vinyl siding and replacement vinyl windows obscuring any historic finishes and detailing. Open fields remain around the house, but the remainder of the house lot to the north is wooded. The 110-acre parcel on the other side of the road is open fields near the road and wooded as the land slopes down to the southwest. Subdivided from and surrounded by that parcel is a ten-acre lot developed with a c.2001 nursing home that is visible peripherally from the front of the farmhouse to the southwest.

The siting of the house was based on land division and topography and though views from the building were also a factor, elements such as picture windows, bay windows, gabled dormers, or porches intended to capture distant views are not features of the eighteenth-century, center-chimney houses and none were subsequently added to this house to capture scenic views. The historic setting with open fields/pasture along both sides of the road on the level portion of the ridge and wooded land to the north and south on the more steeply sloped land, less suitable for tillage is largely intact,

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

though somewhat diminished by the allowance of some of the fields on both sides of the road to become overgrown. There is an evergreen hedge running parallel to the north side of the road that blocks all views to the north from the road east of the building. The 1921 USGS map and the 1951 Historic Aerial Photo show that portions of the pasture land across the road has been allowed to become wooded, as has some of the land behind the house to the north of the now open field.

Deed research indicates owners in the first half of the nineteenth century included the Cram family and the Jenness family. The 1857 Chace map identifies the owner as George T. French. The 1892 Hurd map identifies the owner as Horace C. Silver, who as deed research indicates had acquired the property in 1883 from French. Deed research indicates this property was then owned and farmed by several generations of the King family, who were originally from Vermont, from 1899 to 2003.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property may be eligible for listing in the National Register of Historic Places under Criterion C in the area of Architecture for embodying the distinctive characteristics of a type, period, or method of construction. The house is a characteristic example of a common type of high end mid- to late eighteenth-century New England housing, a two-story center-chimney house. While the house has replacement vinyl siding and windows, it retains its original massing and fenestration patterns. The three-car garage located east of the house was likely originally a shed.

Though the property retains much of its historic agricultural land, it no longer retains integrity and significance under Criterion A for agriculture as an eighteenth- through twentieth-century farm. The property retains its location – a ridge site with views in both directions and property on both sides of the road – which is a common pattern for farms in New England. Some of the property remains open and some has become overgrown as it is no longer farmed. Although this is somewhat suggestive of its historic land use, the historic barn has been demolished, the other outbuilding has been remodeled as a garage, and there are plantings and other changes that are more characteristic of the shift to purely residential use at the end of the twentieth century. A ten-acre parcel that was subdivided from the pasture parcel across the street was developed in c.2001 with a nursing home, further diminishing the character of the historic agricultural ridge farm setting.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Hillcrest Farm appears to retain sufficient aspects of integrity necessary to convey its historic significance as an eighteenth-century center-chimney house. Though the house has replacement

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

siding and windows, it retains sufficient integrity to convey its historic design and workmanship, including footprint, massing, and pattern of fenestration. The front and side porches, though later additions, occurred within the historic period as shown by a c.1960 photograph.

Though the property is sited on a ridge line, as were many eighteenth and nineteenth-century farmsteads in Deerfield, its feeling and association as an eighteenth- through twentieth-century farm has been compromised by the demolition of the historic barn, remodeling of the wagon/equipment shed to a three-bay garage, modern landscaping, and changes of the details of the house itself, vinyl siding and windows. Though the retention of much of its historic property on both sides of the road, a mix of mowed fields and woodland, suggest the property's historic character, the property as a whole is no longer able to express the historic sense of the relevant historic period of significance due to these changes and the absence of the utilitarian outbuildings essential to a eighteenth- through twentieth-century farm.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary would likely only include the immediate domestic space of the house and possibly the remodeled outbuilding/garage.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

**The Project does not appear to have an adverse effect on the property.**



*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**



*Additional comments relating to effects:*

Viewshed mapping indicates that there can be distant views of the Project from the open areas around the house and from the road across the open area east of where the historic barn was located. A row of evergreen hedges runs along the road east of the buildings, screening any public views across that open area from the public right-of-way. The effect of the introduction of the new structures has been minimized by the change from the use of Lattice structures to the use of weathering steel monopoles which will be far less visible against the background of the trees on the hillside.

On-site survey indicates the Project will not be visible in the main public view *of* the house. The Project is nearly four-tenths of a mile to the north at a lower elevation.

Though the Project may be minimally visible in views from the open areas in back of the house, these locations and views are not part of the public's appreciation of the historic resource, as those would be from the road in front of the house where the Project could not be visible.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-4 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

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Photo 1) House and garage [2014 Field Photo: IMG\_4095]



Photo 2) House and garage, facing northwest [2015 Field Photo: IMG\_8009]

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

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Photo 3) House, garage, and remains of historic barn to east of house, facing northwest [2015 Field Photo: IMG\_8012]

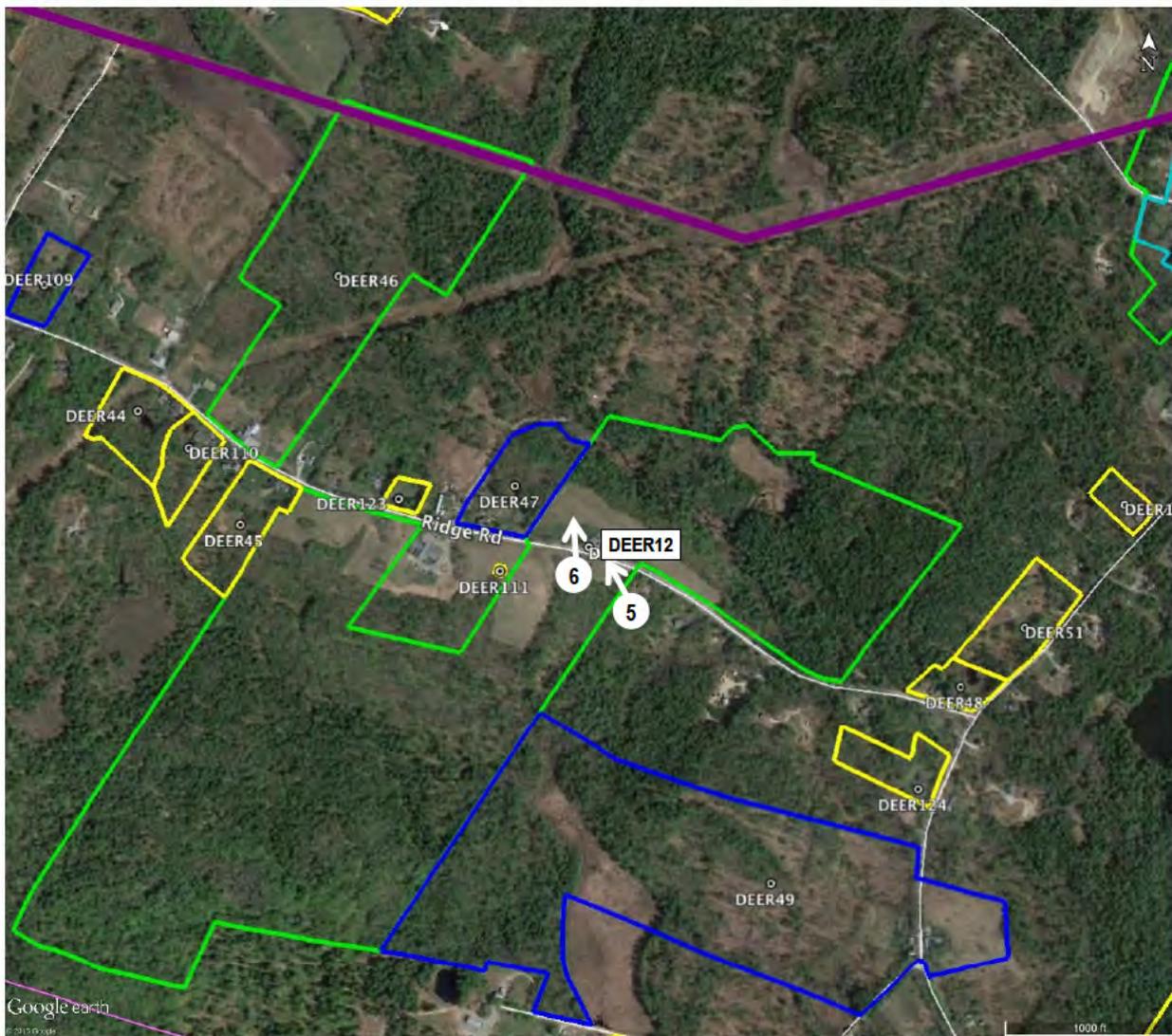


Photo 4) The recently demolished barn, facing northeast [2014 Field Photo: IMG\_4094]

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH



*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

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**Map Key**

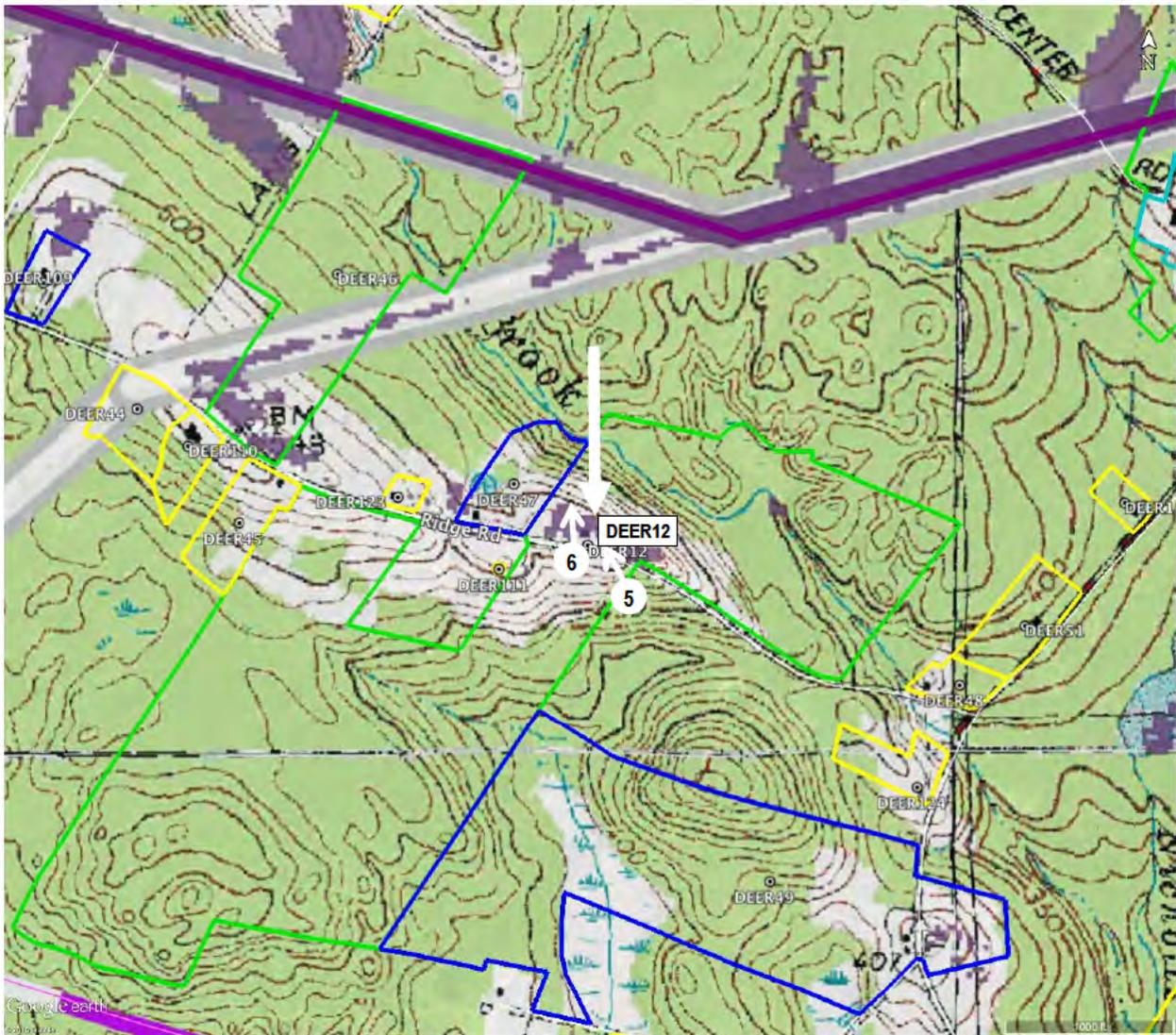
Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project		Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
 Green	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH



Viewshed map showing DEER12 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 5) Main public view of historic resource, facing north in direction of Project [2015 Field Photos: Pano\_8009-8011]

*Historic Resource Assessment*

Property ID: DEER12

Property Name/Address: Hillcrest Farm/17 Ridge Road, Deerfield, NH

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Photo 6) View from road across open land along westerly side of house, facing north in direction of Project [2014 Field Photo: IMG\_4093]

# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.

Property ID:  
DEER16

Property Name/Addresses:

Old Center Area/  
51, 53 Meetinghouse Hill  
Road and Old Center  
Cemetery, Deerfield, NH



### I. PROPERTY DESCRIPTION AND SETTING

The Old Center Area was the site of Deerfield's earliest meetinghouse (no longer extant) and town center in the later eighteenth century. Because of its history, this area was initially to be assessed as a district, but during field review the prevalence of the modern intrusions made it apparent that because of the obvious loss of integrity to the district, it would be more accurate to assess the resources individually together on one form in relation to each other, similar to a NHDHR Project Area Form.

The small group of historic resources consists of two late eighteenth-century houses and one early nineteenth-century cemetery, located on the northerly side of the road with historically scenic views to the south. These views are in the direction of the existing transmission lines which are more than eight-tenths of a mile away at a lower elevation. The existing ROW dates to no later than c.1953 and likely to the mid-1920s. The setting is one of the town's highest hills traversed by one of the many ridge roads displaying some of the surviving historic farmsteads. Opposite the historic resources on the south side of the road are open fields that surround a c.1986 ranch house and five-bay garage/equipment shed, directly opposite the cemetery. An additional modern intrusion within the historic setting is a c.2010 house on the parcel between one of the historic houses and the cemetery. The ranch house obstructs the historically scenic views from the cemetery and is peripherally within the panoramic scenic views from the two historic houses. In places, the distant panoramic views to the south are filtered by vegetation (a hedgerow on the opposite side of the street from 53 Meetinghouse Hill Road, a mature stand of deciduous trees along the front property line of 51 Meetinghouse Hill Road).

The Chase House, 51 Meetinghouse Hill Road (built c.1764) is a large center-chimney house with a large rear ell, 9/6 window sash, and an entry door frontispiece framing the four-light transom. A twentieth-century Colonial Revival two-bay garage is sited northwest of the house. Local sources indicate the Chase House was built by Moses and Josiah Chase.

The J.J. Mills House, 53 Meetinghouse Hill Road, built c.1755, is a large Georgian Colonial house also with 9/6 window sash. On the west gable end, a hip-roofed porch on the south half of the

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

elevation extends to a one-story, gable-roofed addition which wraps around and spans the rear elevation. An added square bay augments the rear pile on the east elevation. It appears the decorative pediments above the entry and over the first-floor windows are a recent modification. The property also includes a modified nineteenth-century New England bank barn, though the earthen front ramp has been removed.

The Old Center Cemetery contains a collection of mostly nineteenth and twentieth-century monuments characteristic of those periods of funerary art. An early twentieth-century cobblestone wall and front gate bound the cemetery along the road. The cemetery was an important primary burial site for town residents beginning in the early nineteenth century and continuing into the mid-twentieth century. Individuals buried there include a number of men who served in the Revolutionary War including the Battle of Bunker Hill or in the Civil War.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The area was the original town center, and the site of the first eighteenth-century meetinghouse, and the houses are contemporary with that period of settlement. The location of the cemetery, though slightly later than the houses and meetinghouse, was associated with the latter. Because of the presence of modern intrusions, however, the *area* no longer appears to retain integrity for its historic period under Criterion A for Community Planning and Development for its association with events that have made a significant contribution to the broad patterns of local and possibly state history or under Criterion C for Architecture. However, each of the historic resources in the area is likely eligible *individually* under Criterion C for Architecture or in the case of the cemetery under Criterion Consideration D, as embodying the distinctive characteristics of a type, period, or method of construction. The area was also considered as possibly part of a larger district that would include 68 Church Street (DEER53), 70 Church Street (DEER54), and 9 Old Centre Road (DEER56), but as these resources are somewhat removed and therefore are not potentially affected by the Project, their evaluation was not pursued for this Project.

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

As an area, the integrity of the place where the historic properties were constructed and the character of the place in which the properties played their historical role is compromised by the presence of

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

modern intrusions next to and across the street from the historic properties within the historic views. The area retains integrity of location, design, materials, and workmanship as the two houses and cemetery retain their historic features. The houses retain their historic massing, pattern of fenestration, finishes and decorative detailing. The cemetery retains its historic layout, monuments, and stone walls. Individually the historic resources also largely retain integrity of feeling and association as late eighteenth or early nineteenth-century properties in a village center, two with associated agricultural parcels.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

While the *area* does not appear to qualify for listing on the National Register based on visually related areas of significance, *individually* the three historic resources may qualify for listing on the National Register based on visually related areas of significance.

### c. Boundary Discussion

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

Owing to the presence of one major intrusion within the possible boundaries of the *area*, along the north side of the road, the two eighteenth-century houses might best be considered as a smaller district or individually. Similarly the cemetery might be best considered individually. The acreage for the houses would be the area that includes the historically associated buildings, including any historic outbuildings and landscape features (including stone walls or mature trees) that contribute to the visual understanding of the resources. The boundary for the cemetery would include the legal boundaries of the entire L-shaped parcel (map 410, lot 109), including the early twentieth-century cobblestone walls and front gate.

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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### III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

Viewshed mapping indicates only isolated and distant views from the open areas on the south side of the road opposite the historic resources. Because the Project is eight tenths of a mile distant, any glimpse of the Project will be small.

The Project will not be visible in historically significant views *from* the historic resources owing to distance, topography, and intermittent vegetation screening either on the southerly side of the properties or on the parcels across the road. On-site assessment and viewshed modelling showed that any views from the historic resources would be distant and an only an isolated view of the tops of two or three structures could be seen against a background of trees. Within these historic views is a substantial modern intrusion, the 1986 ranch house, which either directly or peripherally, significantly diminishes the vista associated with the historic scenic views. The views from the two historic houses include peripheral views of the 1986 ranch house, which compromises the historic scenic views. Those views do not include views of the Project due to the parallel elevation, distance of 0.8 mile, and landscape details such as mature trees and hedgerow growth at the street. The direct panoramic view from the cemetery was radically altered in 1986 by the construction of the ranch house that spans and conceals the historic view.

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-8 (Google Earth)



Photo 1) 53 Meetinghouse Hill Road, west elevation and façade, facing northeast [2014 Field Photo: IMG\_4102]

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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Photo 2) 53 Meetinghouse Hill Road, façade and east elevation [2013 Field Photo: IMG\_1958]



Photo 3) New England bank barn, 53 Meetinghouse Hill Road [2014 Field Photo: IMG\_4103]

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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Photo 4) 51 Meetinghouse Hill Road [2013 Field Photo: IMG\_1960]



Photo 5) Old Center Cemetery [2013 Field Photos: IMG\_1962, IMG\_1963]

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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Photo 6) Old Center Cemetery [2014 Field Photo: IMG\_4108]



Photo 7) 49 Meetinghouse Hill Road, built 2010, intrusion in district [2014 Field Photo: IMG\_4106]

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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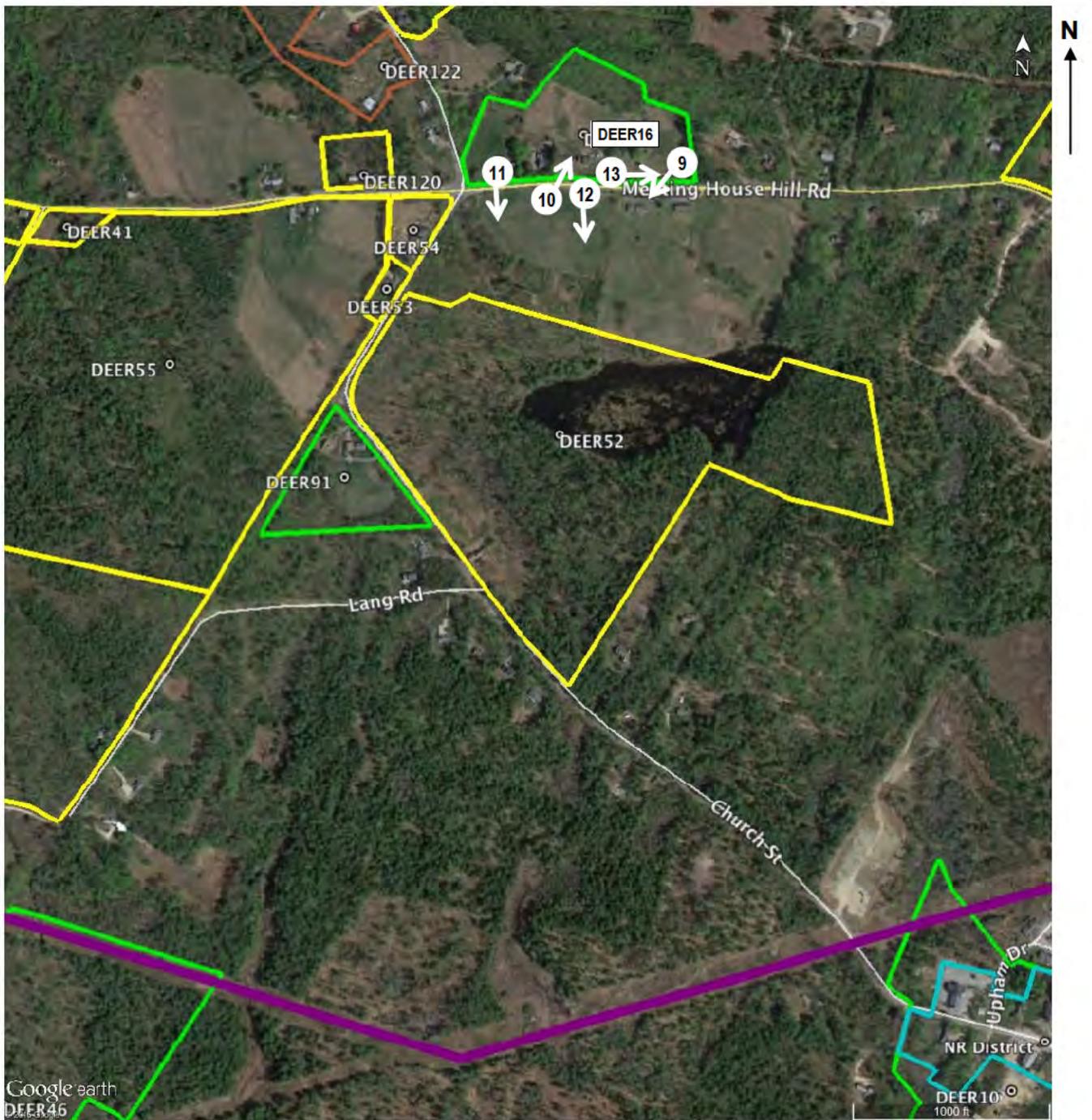


Photo 8) Historically significant panoramic view south from Meetinghouse Hill Road area, across open field on the south side of the road, facing south [2013 Field Photos: Pano\_1966-1969]

Historic Resource Assessment

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH



*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

**Map Key**

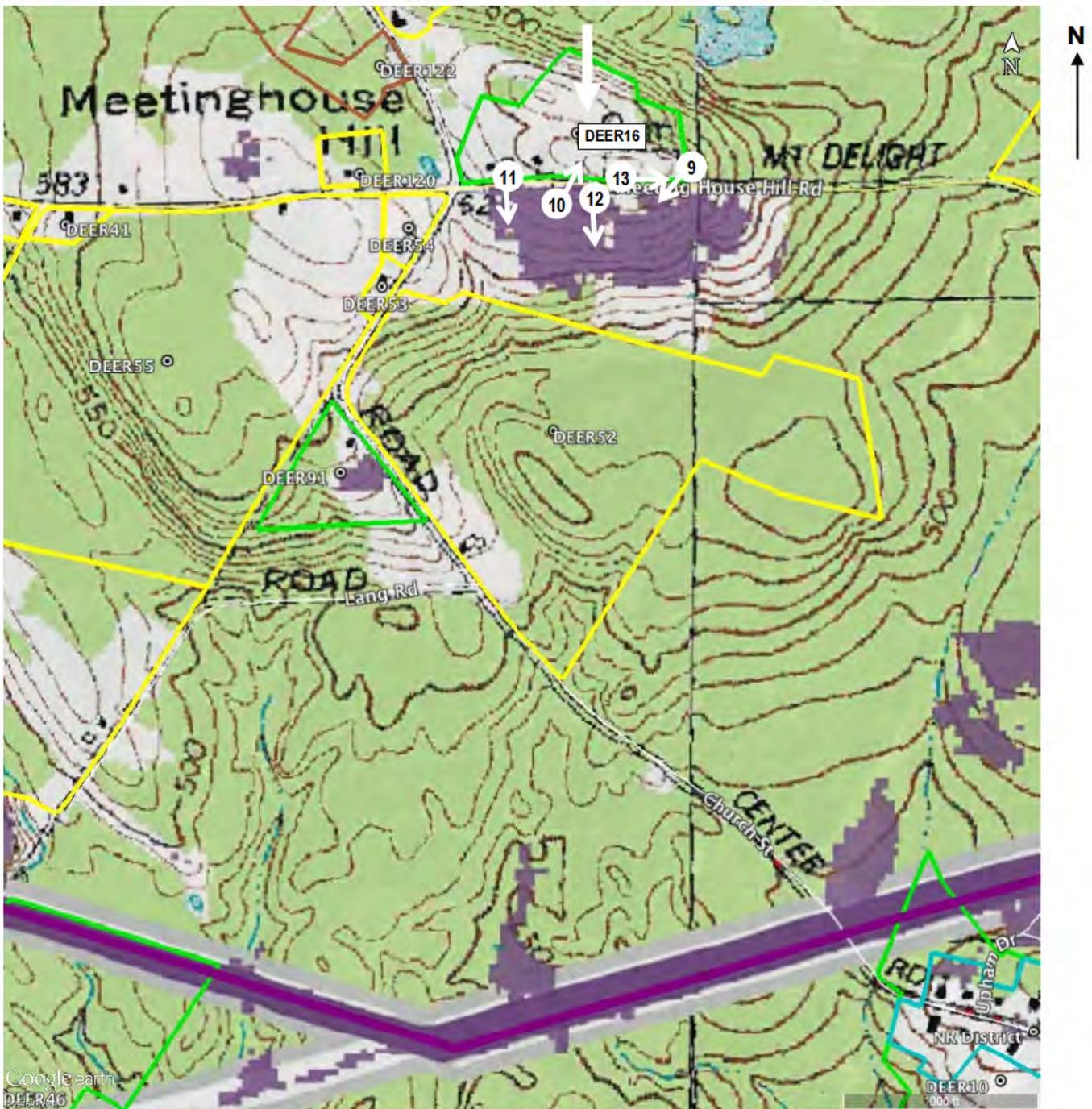
Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project		Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
 Green	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Historic Resource Assessment

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH



Viewshed map showing DEER16 (white arrow), Limit of APE for Historic Resources - - - - - and Project - - - - -

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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Photo 9) 44 Meetinghouse Hill Road, built c.1986. This modern intrusion, located on the south side of road directly opposite cemetery, is directly within the historically significant views to the south from the cemetery and peripherally within the historically significant panoramic views from the two historic houses, facing southwest [2014 Field Photo: IMG\_4113]



Photo 10) Row of mature deciduous trees in front of 51 Meetinghouse Hill Road that filter the historically significant views. On the adjoining lot to the east is a c.2010 house, facing northeast [2014 Field Photo: IMG\_4104]

*Historic Resource Assessment*

Property ID: DEER16

Property Name/Address: Old Center Area/51, 53 Meetinghouse Hill Road and Old Center Cemetery, Deerfield, NH

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Photo 11) View south through hedge row along south side of road opposite 53 Meetinghouse Hill Road, facing south [2013 Field Photos: Pano\_1973-1975]



Photo 12) Panoramic view south across open field on south side of road opposite 51 Meetinghouse Hill Road, facing south [2013 Field Photos: Pano\_1970-1972]



Photo 13) Panoramic view east and southeast with c.1986 ranch house in historically significant view to the south from the cemetery, facing easterly and southeasterly [Google Earth Street View]

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER28**

Property Name/Address:

Willow Hill Farm/  
217 Middle Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

Willow Hill Farm is a nineteenth- and twentieth-century connected farmstead (c.1800 altered Cape, altered “little house” (or rear ell), “back house,” and nineteenth-century New England bank barn). The complex is set close to the road along one of Deerfield’s hilltop ridges with views from the back of the house.

The buildings face southwest onto Middle Road, away from the Project which is roughly 0.75 miles away to the north at a lower elevation, at the north end of the farm’s property. The existing ROW dates to c.1929. The property consists of five parcels (Map 413, lots 80, 81, 13, 14, 15) located on both sides of Middle Road, at least four of which have been associated with this historic farm since at least the 1920s and likely back into the nineteenth century, totaling more than 216 acres. An additional parcel (Map 413, Lot 97) abuts the north end of the eighty-five-acre house lot and extends north to just beyond the ROW. The land around the buildings and on an adjoining parcel to the southeast (historically including a 0.5-acre calf pasture, Map 413, Lot 81) remains open, as does a small portion of the parcel across the street, adjacent to the road. The remainder of the land associated with the farm is heavily wooded with a mix of evergreen and deciduous trees, except in the vicinity of Thurston’s Pond which is at the northerly end of the building lot (Map 413, Lot 80), in a low-lying area. Middle Road is a rural local road, one of Deerfield’s several east-west running ridge roads featuring a mix of former eighteenth- and nineteenth-century farms, open parcels, and mid- to late-twentieth-century houses on lots subdivided from historic farm properties.

The connected farmstead includes a c.1800 altered cape with an expanded two-story rear ell (“little house”), connected one-story wing (“back house”), and attached nineteenth-century New England bank barn. Alterations to the one-and-a-half-story cape include full-width shed dormers on the front and rear roof slopes, removal of the center chimney, added exterior brick chimney on the west gable end. The rear ell was extended and expanded to two stories, and a porch was added running the length of the east elevation of the cape and rear ell. The “back house” that connects the ell to the barn is sheathed with vertical board siding.

The 1921 USGS map and 1951 Historic Aerial show the areas that are now open have been historically with the land to the north and south away from the level area around the road wooded

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

much as it is now. The former tree-lined road between the large mowed field east of the buildings and the former calf pasture is now maintained as mowed grass. The composition of buildings and setting is highly aesthetic.

Deed research and historic maps indicate this farm property was owned successively by Joseph Eastman, Moses Barnard, and John Fellows in the first half of the nineteenth century. The 1850 Census lists only the farmer John Fellows (born c.1794) and his wife Abigail in the household. By 1854 Peter H. Sanborn, whose family retained ownership until the early 1920s, had acquired it. In the 1860 Census the Sanborn household included Peter H., his wife Cynthia, their two young children, and John Fellows. In the 1880 Census the household included the now widowed Peter H., and his three adult children. The two sons worked respectively in a grist mill and machine shop rather than on the farm with their father. According to deed research the Wallace family owned and farmed the property from the 1920s to 1970. Two generations of the Thompson family have owned the farm since 1970.

## II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

### a. Significance:

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to retain significance under Criterion A for Agriculture for its association with a pattern of events that made a significant contribution to the development of a community. It is part of a cultural landscape representative of early settlement patterns and agriculture in central New Hampshire with farms located along ridge roads. Willow Hill Farm appears to retain the essential physical features and historic setting that made up its character and appearance during the period of association as a nineteenth- and early twentieth-century farm. The farm retains its historic land use patterns such as open fields on the elevated parcels, wooded areas to the north and south on the more steeply sloped sections of the several farm parcels historically associated with the farm since at least the 1920s, and historic stone walls along the road.

The integrity of the connected farmstead is compromised so it may not retain the requisite level of integrity for significance under Criterion C for its Architecture. Though it retains the general form of the connected farmstead, a common nineteenth- and early-twentieth-century farmhouse type in New England, the distinctive characteristics of the elements are diminished due to the alterations and additions.

The New England bank barn may also be individually eligible under Criterion C for its Architecture as embodying an example of a common nineteenth-century New England barn type.

See the "Agriculture" context in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The farm retains integrity of setting, location, feeling, and association as a nineteenth- and early twentieth-century farm with open fields around the buildings, some open land across the road, and wooded lots on other portions of the property located on both sides of the road and historically associated with the farm. The property remains in agricultural use, growing organic crops.

The Willow Hill Farm buildings, with the exception of the barn, no longer retain complete integrity of design, materials and workmanship due to alterations and additions including shed-roof dormers, removal of the central chimney, addition of exterior chimney, and expansion of rear ell. Some of these additions are part of the evolution of use in the farm and might add to the understanding of the property under Criterion A.

Though the application of corrugated metal on the side elevation and some replacement windows on the New England bank barn diminish its integrity of design, materials, and workmanship, they do not sufficiently diminish its integrity of feeling and association as a nineteenth-century New England bank barn that may be eligible individually.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundaries would likely include the lot (Map 413, lot 80) with farm buildings and likely the two or three other parcels historically associated with the farm including the calf pasture and pasture to the southeast (Map 413, lot 81), and the two wooded lots across the road (Map 413, lot 14 and 15).

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Viewshed mapping indicates views from the cleared area atop the ridge to the rear and southeast of the buildings. On-site survey and viewshed modelling showed that because of the height of the trees around the edges of the open fields, the project would only be possibly minimally visible. The views are towards the far distance well beyond the middle ground where the Project is at a lower elevation. Any views of the Project from these fields behind and east of the farmhouse would be distant (over three-quarters of a mile away) and intermittent because of the extensive wooded area between the fields and the Project. Viewshed modeling showed that there may be isolated views of the top of a structure or two against a background of trees in the distance, but not against the sky which would not detract from the historic setting of the property. These distant views include the evidence of other human development such as the local distribution line structures along Mt. Delight Road. The Project will not be visible in the main public views of the historic resource nor will it create a focal point.

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-3 (Google Earth)



Photo 1) Willow Hill Farm, nineteenth-century connected farmstead with c.1800 altered cape and altered “little house” and “back house” connecting to nineteenth-century New England bank barn, facing north [2014 Field Photo: IMG\_4132]

*Historic Resource Assessment*

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

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Photo 2) Altered c.1800 Cape, facing easterly [2014 Field Photo: IMG\_4131]

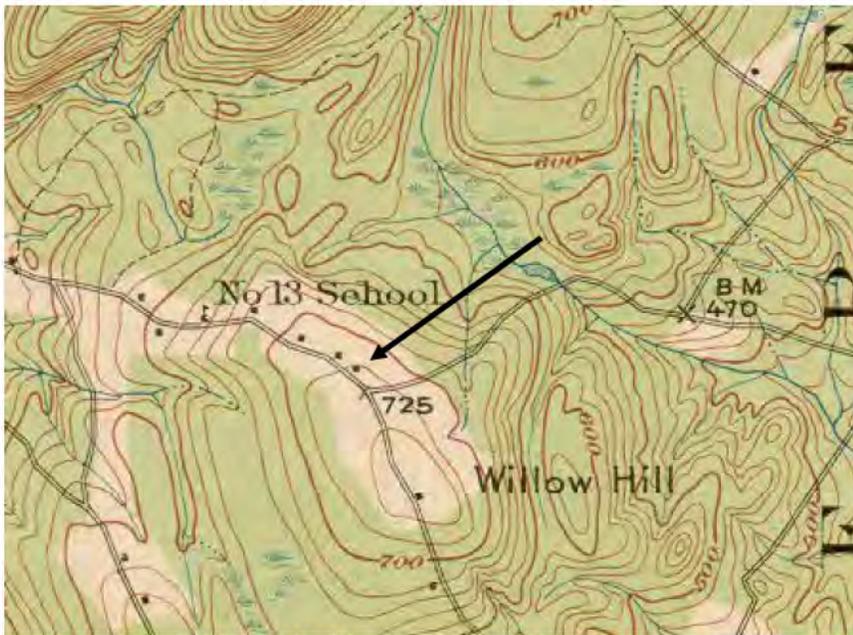


Photo 3) East elevation of altered cape and altered rear ell with porch addition [Deerfield Tax Card]

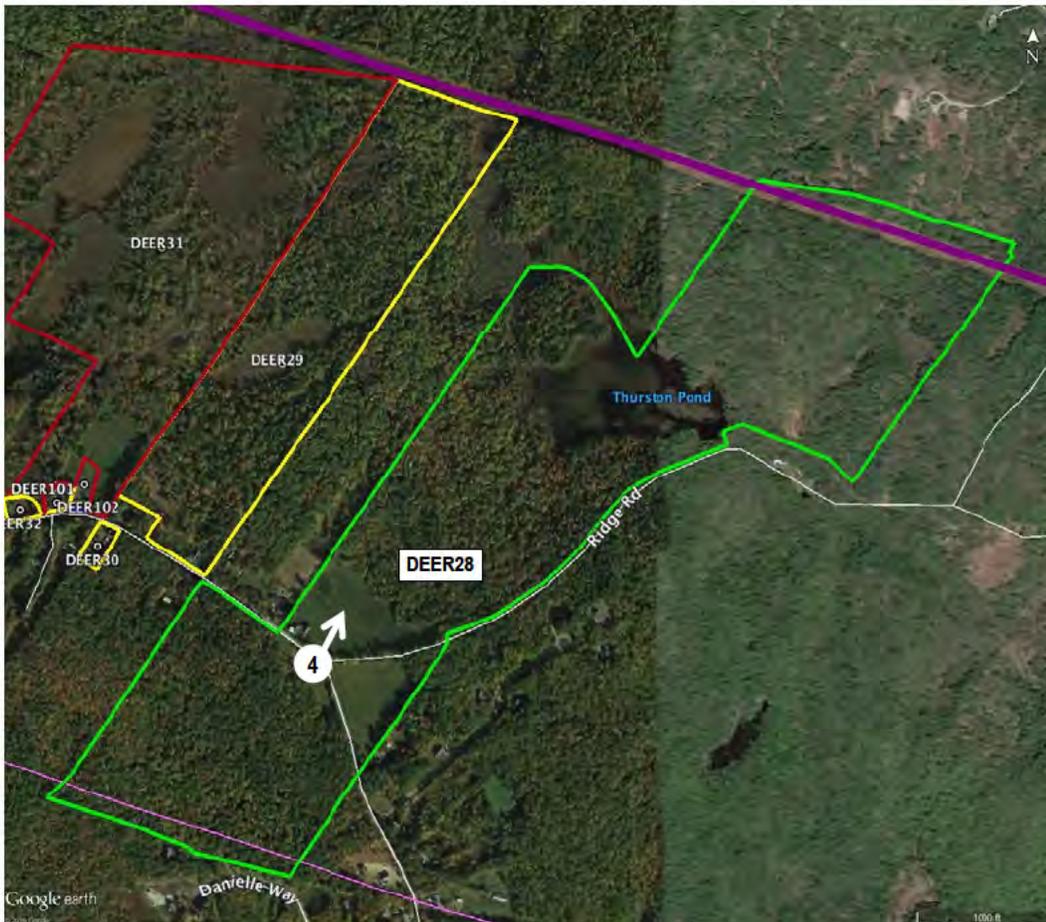
*Historic Resource Assessment*

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH



1921 USGS Map, detail, showing open areas/fields at that time around 217 Middle Road (arrow), some owned by that farm.



*Historic Resource Assessment*

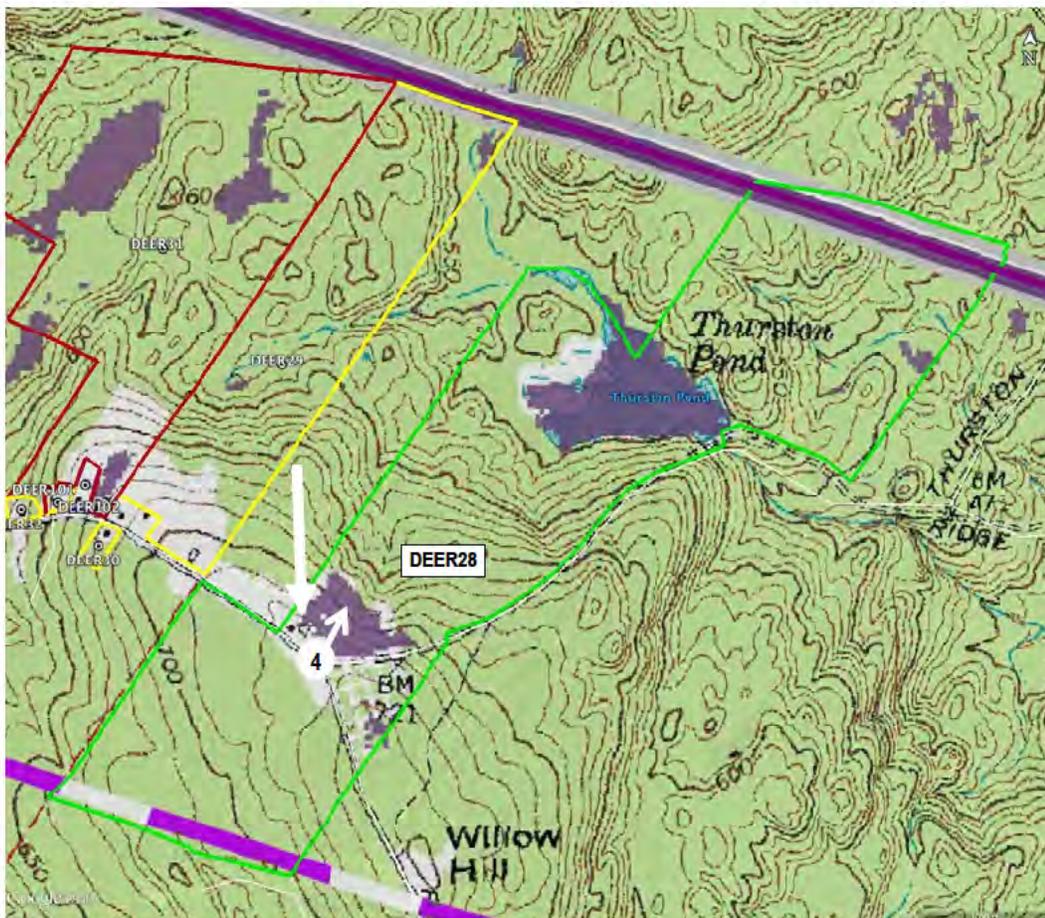
Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

**Map Key**

Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



Viewshed map showing DEER28 (white arrow), Limit of APE for Historic Resources  and Project 

*Historic Resource Assessment*

Property ID: DEER28

Property Name/Address: Willow Hill Farm/217 Middle Road, Deerfield, NH

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Photo 4) View from the road across the open field east of the barn where views are indicated by the viewshed maps in direction of Project which is roughly 0.75 miles away to the north at a lower elevation, facing northerly. The scenic views are towards the distance, above the tree line and above the ROW which is at a lower elevation within a wooded area [2014 Field Photos: Pano\_4133-4135]



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER31**

Property Name/Address:

235 Middle Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

This large, 118-acre property is associated with a late eighteenth or early nineteenth-century center-chimney house with a deep rear ell and attached shed or “back house.” The house faces south onto Middle Road, away from the existing transmission line which is nearly seven-tenths of a mile to the north along the edge of the property. The setting is one of Deerfield’s east-west ridge roads populated with a mix of former eighteenth and nineteenth-century farms, open parcels, and mid- to late twentieth-century houses on lots subdivided from the historic farms. Just to the west of the house is an altered c.1960 cape located on the adjoining lot.

On-site survey shows that the tops of at least three wooden monopole structures and the conductor lines of the existing 115-kV line in the ROW along the north end of the property are visible in the main public views of the house, rear ell, and connected shed or “back house.” The existing structure tops are small objects visible in the far distance, above the tree line in the middle ground at the north edge of the open field, and against a background of a wooded hillside in the far distance. Visibility of the existing structures is increased in leaf-off conditions.

The house is a five-bay, center-chimney house in the Federal style with a deep rear ell. The only decorative detailing is the entry frontispiece, a closed pediment above the six-light transom and supported by paneled pilasters. The replacement vinyl siding obscures all other historic finishes and details. The replacement vinyl windows do retain the historic 9/6 configuration. The off-set rear ell extends to a shed or “back house” set at right angles to it that historically connected to a New England barn (removed between 1974 and 1984). The land immediately behind the house is open and slopes down to a historic stone wall, the boundary to a field that historically was much larger and has been reduced to less than half its historic size through reforestation, as shown by historic aerials and USGS maps. According to the 1984 cultural survey form of this property a small family cemetery is located northeast of the house in the vicinity of the stone wall.

The 1857 Chace map indicates Justin Cilley and his wife Mary were the owners at that time. Deed research indicates that beginning in 1870 the property was owned for nearly 100 years until the late 1960s by several generations of the Quimby-Fife family. Historically the property consisted of two separate parcels (35 acres and 85 acres) that came under single ownership in the twentieth century.

Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH

The house was associated with the smaller of the two parcels, along the road. Portions of that house lot along the road to the east were subdivided and sold for development in the second half of the twentieth century.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?

Y  N

The property appears to possess significance only under Criterion C for Architecture as it embodies the distinctive characteristics of a type, a late eighteenth-century center-chimney house with a rear ell and attached "back house." Though historically this was a farm, the property no longer appears to possess significance for that association under Criterion A for agriculture as the connected barn has been removed and large portions of the historic fields are reforesting and the land is no longer in agricultural use.

**b. Integrity:**

Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Though the application of replacement vinyl siding and vinyl windows (albeit with a historic 9/6 sash configuration) diminishes integrity of historic materials, the house may otherwise retain a sufficient level of integrity to convey its historic design and workmanship including footprint, massing, and pattern of fenestration.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary would likely only include the domestic space of the house including the rear ell and attached "back house." The open land in the rear contributes to the historic setting of the house on ridge.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

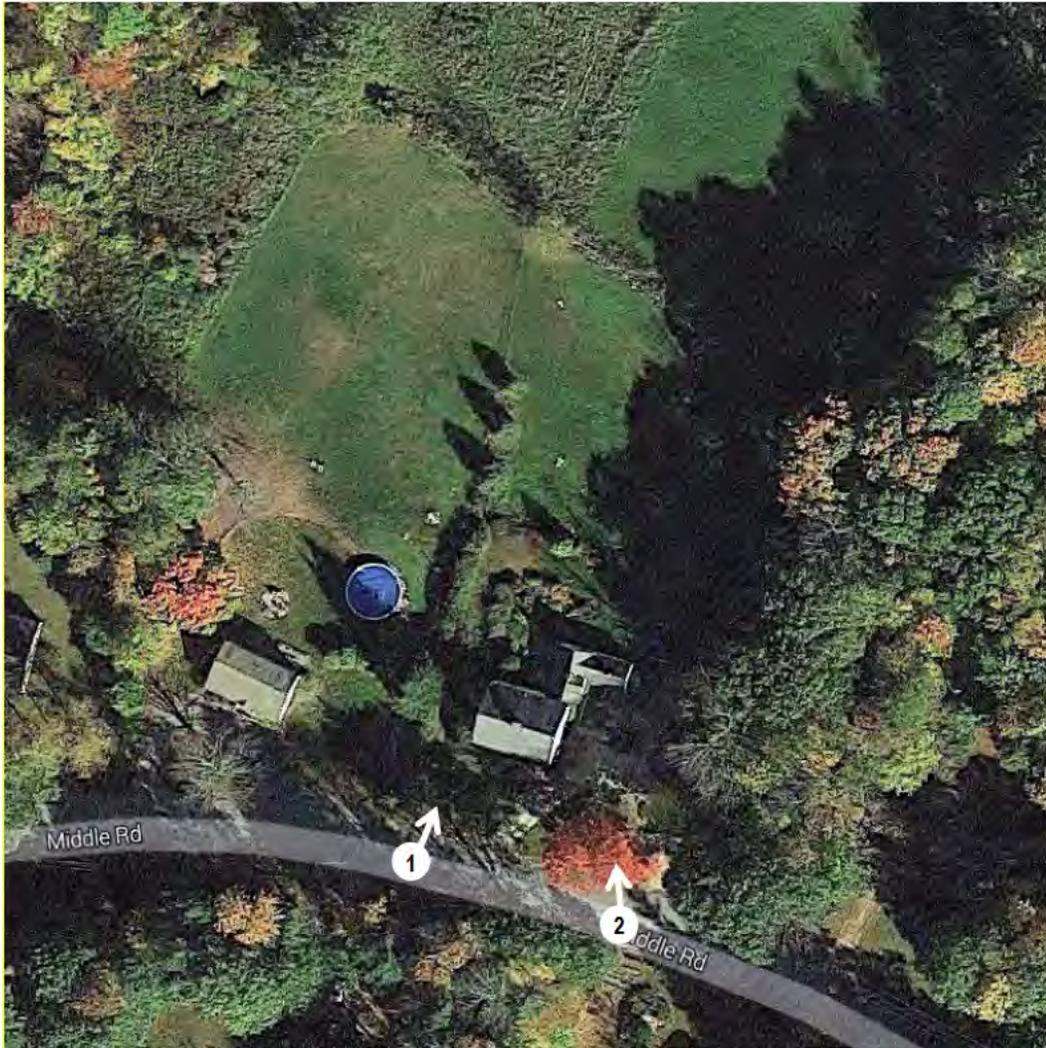
Viewshed mapping indicates views in open areas to the rear of the house and in scattered low-lying areas on the property to the northwest that includes wetlands and reforesting sections but not from the building itself. Scenic views from the house are not part of its architectural design/character, but the fields and ridgeline location contribute to its setting.

On-site survey indicates that the new structures, which will be taller than the existing structures that are remaining in place, will be visible in the far distance in main public views of the house and the east side that includes the rear ell and historic "back house." The proposed new structures for the proposed new line are to be lattice structures located on the south side of the ROW and therefore closer to the property than the existing ones and thus will be more visible. Though they will be next to the existing ones because of their type and greater height, they will be more visible in the far distance against a background of trees in the main public views to the north-northwest. The Project, however, will not create a focal point that distracts from the appreciation of the historic resource.

Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-2 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH

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Photo 1) 235 Middle Road, house, facing NNE [2014 Field Photo: IMG\_4123]

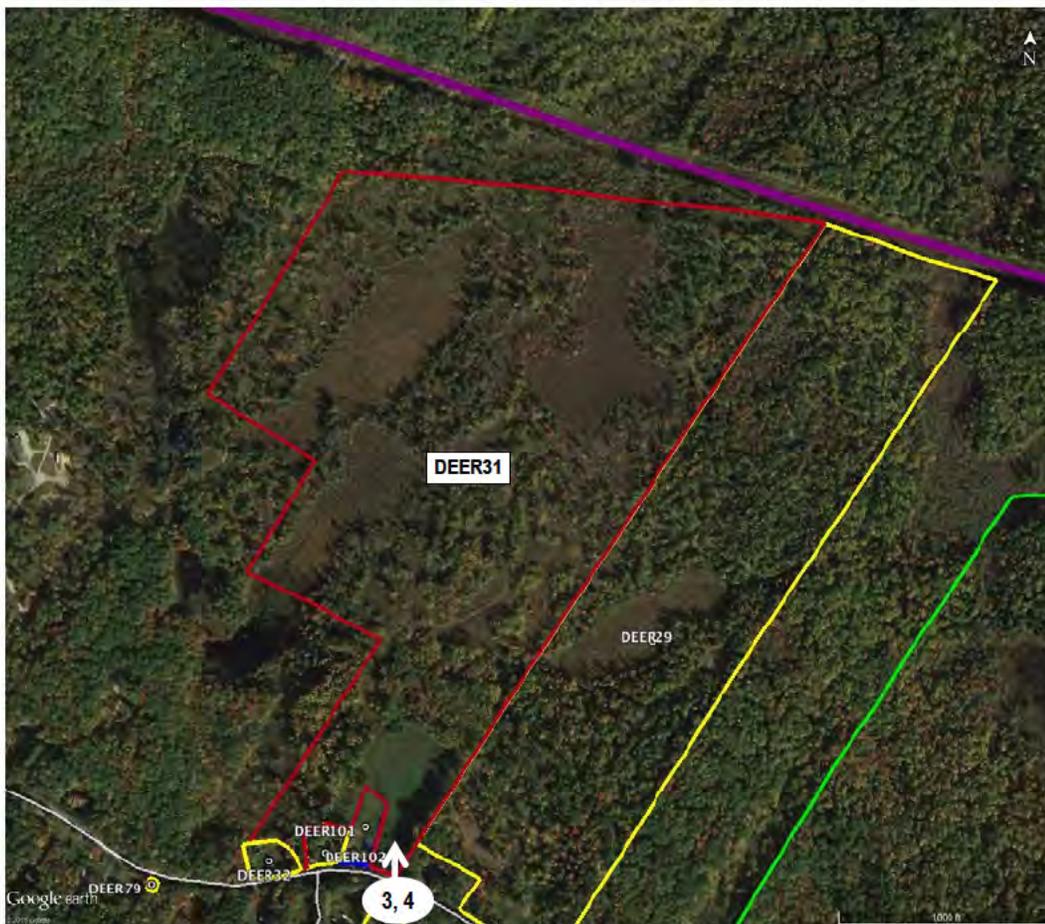


Photo 2) House with rear ell and connected shed or "back house," facing north [2014 Field Photo: IMG\_4124]

Historic Resource Assessment

Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH



Map Key

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



Property ID: DEER31

Property Name/Address: 235 Middle Road, Deerfield, NH

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Photo 3) In this main public view from the road in summer, the top of at least one existing monopole structure (arrow) is visible in the far distance, above the tree line in the middle ground, but against the background of a wooded hillside, facing north [2015 Field Photo: IMG\_8020]



Photo 4) In this main public view from the road in fall, the tops of at least two existing monopole structures (arrows) and the conductor lines are visible in the far distance, above the tree line in the middle ground, but against the background of a wooded hillside, leaf-off conditions, facing north [2014 Field Photo: IMG\_4125]

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER46**

Property Name/Addresses:

51 Ridge Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

The Chase Farm, 51 Ridge Road, is an altered connected farmstead that for roughly twenty years beginning in the mid-1980s was an elderly care facility. The buildings, located on a thirty-seven-acre parcel, became a private residence again in 2005. The buildings face southerly onto Ridge Road, away from the existing transmission lines which are nearly four-tenths of a mile to the north at a lower elevation. Between the buildings and the Project is another transmission line ROW (D-118 line) that passes just over one-tenth of a mile to the west of the buildings and continues diagonally to the northeast behind the buildings before merging with the Project ROW just 0.5 mile to the northeast of the buildings. The setting is one of Deerfield's several ridge roads dotted with a mix of eighteenth- and nineteenth-century farms and open land and a later layer of mid- and late twentieth-century housing on lots subdivided from the historic farm lands including the original Chase farm.

Viewshed mapping indicates views from the open areas on both sides of and to the rear of the buildings and also intermittently from the buildings. The area around and to the west of the buildings is open though not in agricultural use; the other portions of the property between the cleared area and the existing transmission line is wooded, mostly with evergreens. Views of the existing transmissions in both ROWs are readily apparent from the westerly side of the house and grounds because of the absence of any screening.

The connected buildings consist of an altered c.1870 gable-block house with several additions including multi-story porches enclosing exterior stairs on the gable ends, added in the 1980s, a one story addition on the east gable end, gabled dormers on the front roof slope, and a deep two-story rear ell. Connected to the rear ell is a well-preserved New England bank barn with a second side-gabled outbuilding or barn attached to its southeast corner. This property was part of larger landholdings located on both sides of the road and owned by several generations of the Chase family from 1829 to the early 1950s.

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

With the possible exception of the nineteenth-century New England bank barn, the property does not appear to possess significance under any area due to loss of its historic integrity. The barn may be eligible individually under Criterion C for Architecture as an example of a nineteenth-century New England bank barn. None of the other buildings still embody the distinctive characteristics of a type, period, or method of construction.

Nor does the property appear to possess significance under Criterion A for its agriculture. The property does not retain its historic setting to convey its agricultural associations as the historic land use is not evident. Though the areas to either side of the buildings remain open, the remainder of the parcel is wooded or returning to woods.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The Chase Farm no longer appears to retain sufficient aspects of integrity for its period of significance due to alterations to the buildings, property, and neighborhood. The farmstead retains the components of a connected farmstead, including a New England bank barn and some of its historic 2/1 sash windows. Nevertheless, alterations such as multistory porch additions with exterior stairs and replacement siding (which obscures any historic decorative trim) compromise its integrity of design, materials, and workmanship. Modern intrusions in the area in the form of late twentieth-century modern housing compromise the integrity of setting, feeling, and association as a late nineteenth- and early twentieth-century farmstead in a rural setting. The second transmission line diagonally traversing the property also diminishes the historic setting.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH

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**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-3 (Google Earth)



Photo 1) Northwest and front elevations of altered gable-block farmhouse, facing east [2014 Field Photo: IMG\_4085]

*Historic Resource Assessment*

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH

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Photo 2) New England barn, facing northeast [2015 Field Photo: IMG\_8015]

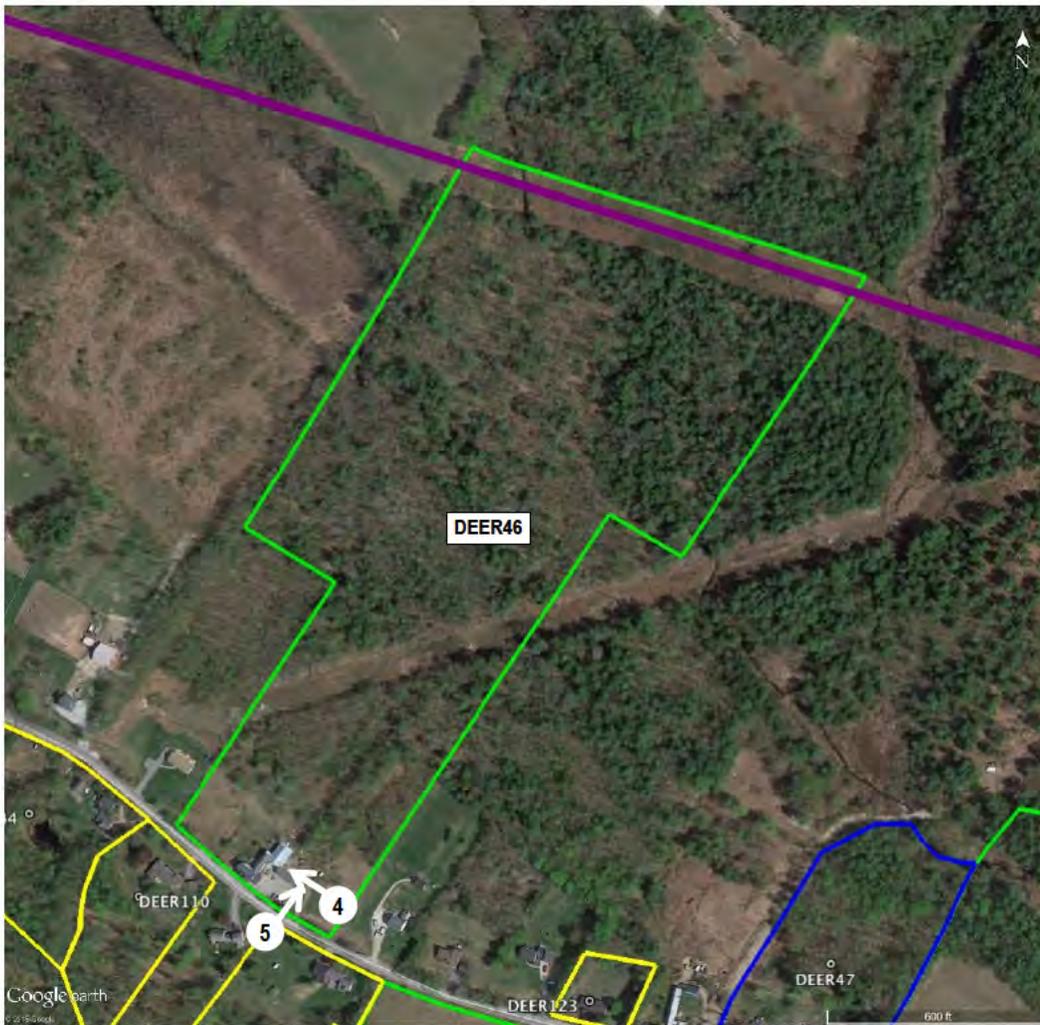


Photo 3) Altered farmhouse and connected outbuildings, facing north [2014 Field Photo: IMG\_4086]

*Historic Resource Assessment*

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH



**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH



Viewshed map showing DEER46 (white arrow), Limit of APE for Historic Resources ----- and Project -----

*Historic Resource Assessment*

Property ID: DEER46

Property Name/Address: 51 Ridge Road, Deerfield, NH

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Photo 4) East elevations of farmhouse and bank barn, facing west, in direction of D-118 line. One of the D-118 structures is visible beyond the altered farmhouse and the conductors of the D-118 line are visible to the north of the barn [2014 Field Photo: IMG\_4088]



Photo 5) View from road, across open area to east of outbuilding, facing north in direction of Project [2014 Field Photo: IMG\_4087]

**Northern Pass Project**  
**Historic Resource Assessment**  
*Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER58**

Property Name/Address:

10 North Road, Deerfield, NH



**I. PROPERTY DESCRIPTION AND SETTING**

This one-acre parcel includes a mid-nineteenth-century one-and-a-half-story Greek Revival end house with an attached carriage barn. The house faces east onto North Road, away from the existing transmission lines which are just one-tenth of a mile to the northwest. The ROW dates to no later than c.1953 and likely dates to the mid-1920s. The property is located on the northerly edge of Deerfield Village, one of Deerfield's historic villages. North Road is a developing mixed-use local road and state road (NH Route 43) with some former agricultural properties, some small nineteenth-century houses characteristic of a village center (some intact, some altered), and new local commercial and residential development. A c.1981 contemporary house with a pool and outbuildings is located directly behind the property, between it and the Project; the property abuts 10 North Road to the northwest and southwest. To the west of the contemporary house property is a c.2003 elderly housing development.

The end house has a deep rear ell that connects to the gable-front carriage barn. An additional outbuilding is located behind the carriage barn. Many of the historic finishes are replacements although the house retains some historic ornament and integrity of form. The carriage barn also has replacement exterior sheathing, and an altered doorway.

Historic maps and deed research show that from the time of its construction c.1850 until 1913 the house was the Parsonage for the Freewill Baptist church located nearby on Church Street in the Deerfield Center Historic District (DEER10). Since that time the house has been privately owned.

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to possess significance under Criterion A in the area of Community Planning and Development for its association as the long-time parsonage of the Freewill Baptist Church. The property also appears to possess significance under Criterion C for its architecture. The house, a one-and-a-half-story gable-front or end house in the Greek Revival style with connected carriage barn embodies the distinctive characteristics of a type of housing. The historic characteristics include the footprint, massing, connected outbuilding, and elements of historic ornament.

See the "Village Development" contexts in the 2015 Northern Pass – Merrimack Valley Project Area Form by SEARCH.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

10 North Road retains sufficient integrity to convey its historic design, materials, and workmanship. The building and connected outbuildings retain their original form and footprints, their proportions and massing, fenestration patterns, and some historic finishes and features such as the pedimented lintels, cornice returns, and pedimented frontispiece and sidelights. The windows, though vinyl replacements, retain the historic 6/6 sash configuration. The property retains integrity of setting, feeling, location, and association as a mid-nineteenth century house set on a small lot within a village location and used for over fifty years as the Freewill Baptist Church parsonage. While there are some better preserved examples of this type and style of house in Deerfield, the house retains a sufficient number of its historic features to be representative of its context. The one-acre parcel has been that size since the construction of the parsonage c.1850. The modern intrusions in the vicinity of the property, including the contemporary house behind it and the modern elderly housing development to the west are largely screened from view because of the siting of the house and mature plantings around the perimeter of the property.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

Likely the boundary would include only the immediate domestic setting of the historic resources that contributes to the visual understanding of the resource.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Viewshed mapping indicates that the Project will be in a peripheral view from the road across the yard to the northeast of the house but not in the main public views of the house and barn.

On-site survey indicated the Project will not be visible in the main public views of the house, barnyard, and attached carriage barn. Furthermore, the buildings are sited on the southerly side of a rise such that the mature deciduous and evergreen trees along the northeast side of the property screen any peripheral views in that direction of the Project. The vegetation will screen any views of the new proposed structure and relocated structure in that direction.

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH

The mature vegetation along the rear property line screens views of the existing structure to the northwest of the property that is to remain in place, to the northwest of the contemporary house that is between this property and the Project.

The significant views are the public views of the historic resource in its setting. Any views *from* the buildings would be secondary views from the northeast side or rear portion of the property. The mature vegetation screening would make any such secondary or peripheral view intermittent, seen through the foliage. The Project will not create a focal point that distracts from the historic resource.

#### IV. SUPPORTING MATERIALS



Key to Photo 1 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH

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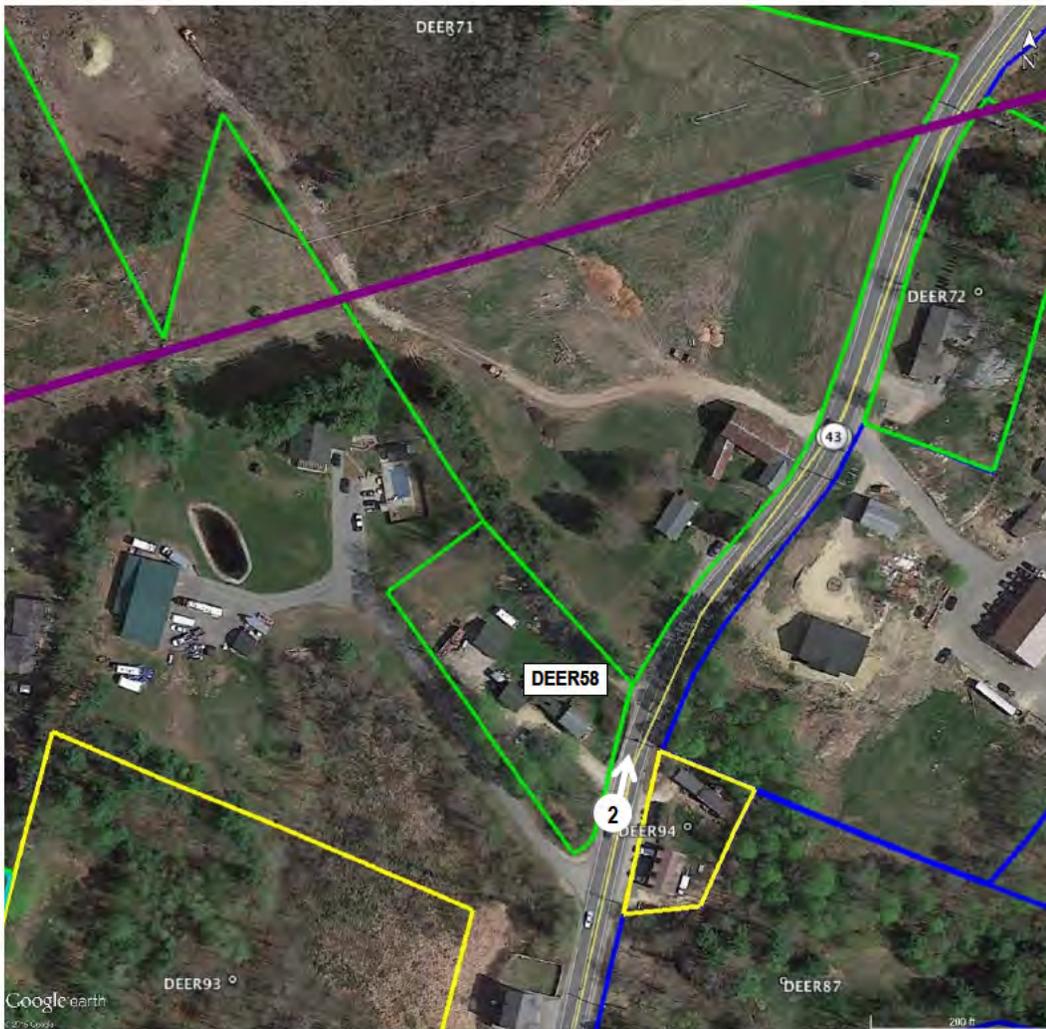


Photo 1) 10 North Road, former Freewill Baptist Parsonage, facing northwest [2014 Field Photo: IMG\_4022]

Historic Resource Assessment

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH



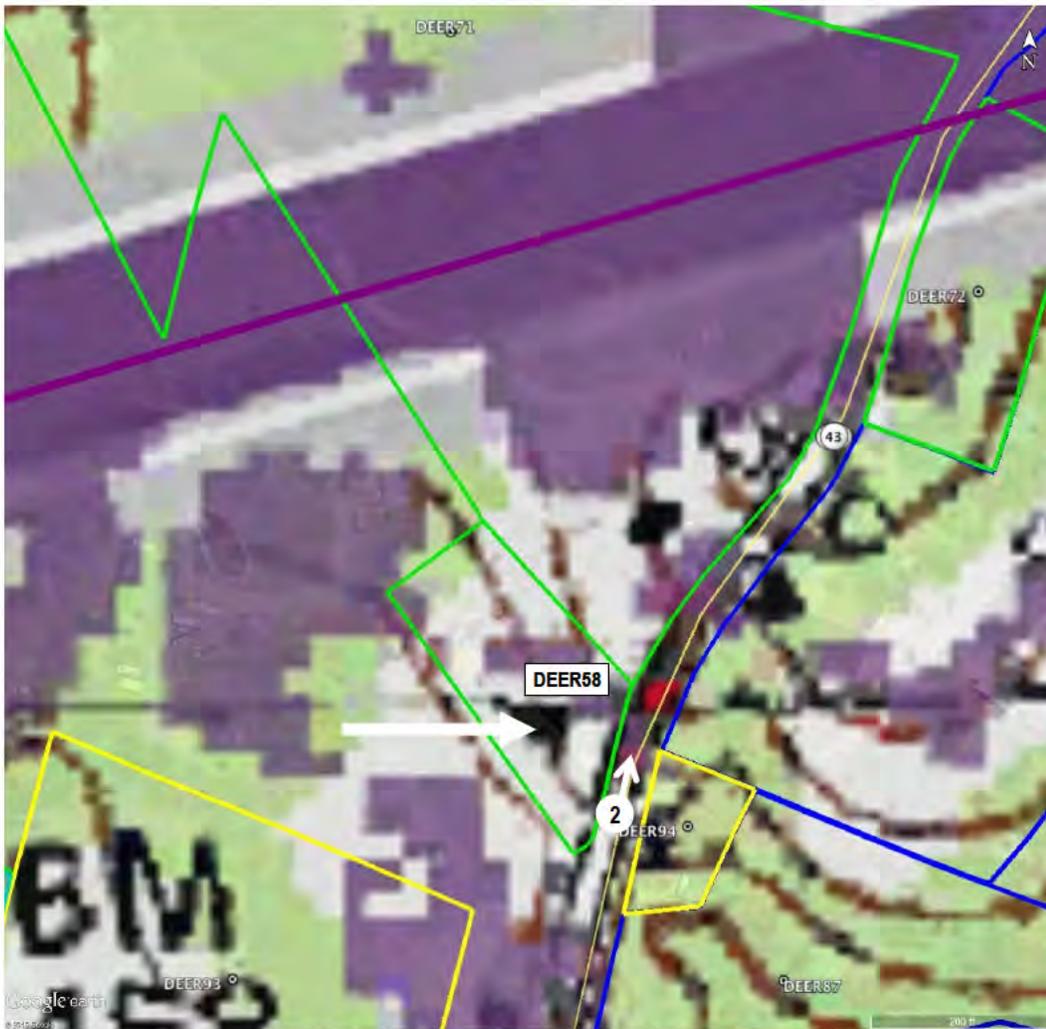
Map Key

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER58

Property Name/Address: 10 North Road, Deerfield, NH



Viewshed map showing DEER58 (white arrow), Limit of APE for Historic Resources  and Project 

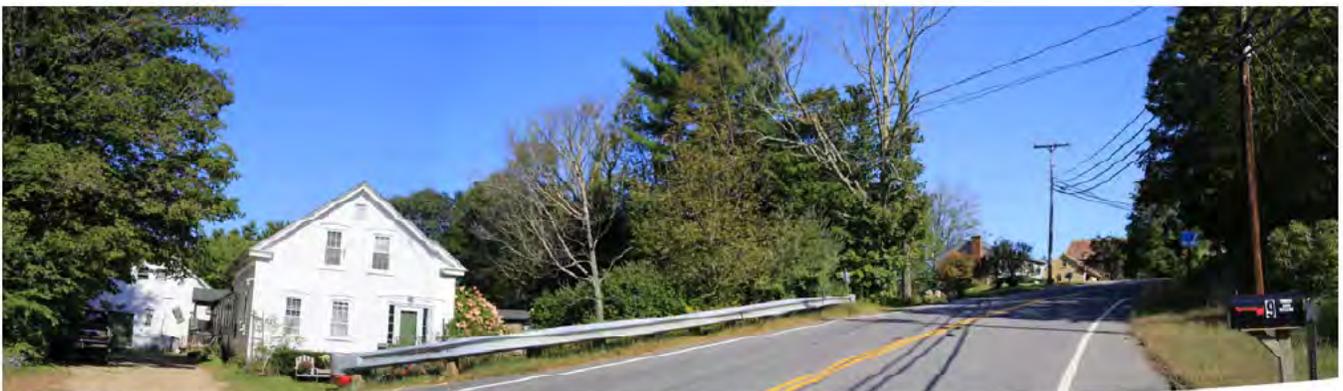


Photo 2) Panoramic view, facing north and northeast in direction of Project where a proposed new structure and a relocated structure will be located to the northeast. The mature vegetation to the northeast screens any peripheral views in that direction [2013 Field Photo: Pano\_1881-1884]



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER71**

Property Name/Address:  
12 North Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

This seventeen-acre T-shaped parcel, historically part of the nineteenth-century Joseph W. James farm, now includes only a c.1962 transitional ranch house. Until July 2015 the property also included a large nineteenth-century New England barn, of which all but the wagon or equipment shed was dismantled and removed to West Virginia at that time. The house faces southeast onto North Road away from the existing transmission lines which bisect the parcel less than one-tenth of a mile away from the house to the northwest. Deed research indicates the first easement dates to 1925 when one was given to the Twin State Gas and Electric Co., with later ones to the Public Service Company of New Hampshire, considerably before the construction of the house. The property is located on the northerly edge of Deerfield Village, one of Deerfield's historic villages. The setting is a developing mixed-use local and state road (NH Route 43) with some former agricultural properties, some small nineteenth-century houses characteristic of a village center (some intact, some altered), and new commercial and residential development.

Viewshed mapping shows views from the open area between the house and the Project to the northwest, from the open area north of the house, and in views of the house from the road. The house is set back slightly from the road on a slight rise. A paved asphalt parking area allows for parking in front of the house. Some mature trees are planted to the rear of the house, providing some screening from the house to the northwest in the direction of the existing transmission lines. On-site survey showed the Project is not visible in the main public views of the house.

The house, a one-story transitional ranch, has a triple window to the left of the nearly center entry, a double window to the right, and an awning window adjacent to that. An exterior brick chimney is located on the southerly gable end. A secondary entry on the north gable end leads to a small added deck. While the asymmetrical fenestration pattern is characteristic of this type of house, the window sash with horizontal muntins is not, nor is the Colonial Revival door. The exterior is sheathed with vinyl siding. Just north of the house is the remnant of the historic barn complex, a side-gable wagon or equipment shed with vertical board sheathing and corrugated metal roofing.

This parcel is a portion of land that comprised the James Family farm in the nineteenth and first half of the twentieth century, owned by at least two generations of the James family. The James house, removed in 2010 due to fire damage, was located on the other side of the road (DEER11 – 11 North Road). Deed research indicates the farm, consisting of several parcels totaling seventy acres, was

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH

sold in 1946. Beginning after 1951 portions of the farm was subdivided and sold to different owners.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

It does not appear that 12 North Road possesses sufficient significance to qualify for listing in the National Register. It does not rise to the requisite level of integrity and significance required under Criterion C for Architecture. Compared to other houses of its type in Deerfield, it does not appear to stand out as embodying the distinctive characteristics of the type, period, or method of construction. While the rectangular footprint, asymmetric fenestration pattern, and exterior chimney are characteristic features, it otherwise does not embody the distinctive characteristics of a type, the 1960s transitional ranch house. It is also not a part of a grouping of historic resources that collectively would have significance. Nor does the house appear to have significance under areas with non-visual areas of significance such as local history as its construction postdates the property's association with the James Farm and the property no longer retains its historic agricultural landscape and outbuildings or historic setting. The most historically significant structure was the barn which has recently been removed.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Though the house appears to retain some of its integrity including massing and fenestration pattern, it lacks significance. The setting of the house includes the existing transmission lines.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH

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**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-4 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH

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Photo 1) House, set back slightly from the road, facing north [2015 Field Photo: IMG\_8000]



Photo 2) Wagon shed/equipment shed remnant of the nineteenth-century New England barn that was dismantled and removed in July 2015, facing westerly [2015 Field Photo: IMG\_8005]

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH

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Photo 3) Nineteenth-century James Barn that stood on this property until July 2015, at which time it was dismantled and moved to West Virginia. The remaining remnant, the wagon or equipment shed addition is visible at the back, facing northwest [2014 Field Photo: IMG\_4030]

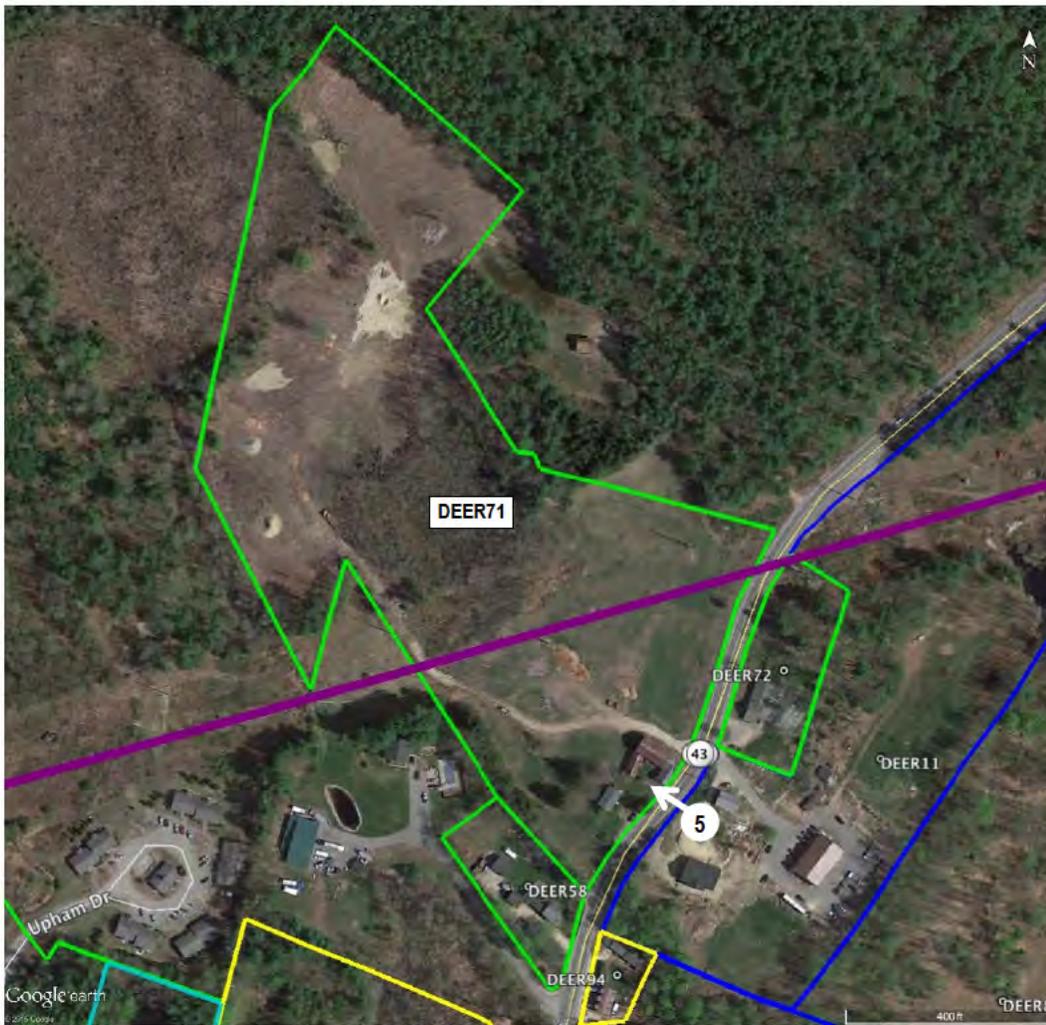


Photo 4) The nineteenth-century James Barn that stood on this property until July 2015, at which time it was dismantled and moved to West Virginia, with the existing transmission lines in the background where they run diagonally across this property, facing westerly [2014 Field Photos: Pano\_4024-4028]

*Historic Resource Assessment*

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH



**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER71

Property Name/Address: 12 North Road, Deerfield, NH



Viewshed map showing DEER71 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 5) The transitional ranch house and the remnant of the James Barn, a nineteenth-century New England barn that stood on this property until July 2015, and the existing transmission lines that traverse the property, facing northwest [2015 Field Photos: Photo\_8002, Photo\_8003]

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: DEER72**

Property Name/Address:

13 North Road, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

This 1.1-acre residential parcel includes an altered five-bay gable-front house that is surrounded on three sides by the land belonging to 11 North Road (DEER77). The house faces west onto North Road in the direction of the existing transmission lines which diagonally cross the road less than one-tenth of a mile north of the house and run across the open land on the other side of the street (DEER71) less than one-tenth of a mile to the west of the house. The ROW dates to no later than c.1953 and likely dates to the mid-1920s. The property is located on the northerly edge of Deerfield Village, one of Deerfield's historic villages. North Road is a developing mixed-use local road and state road (NH Route 43) with some former agricultural properties, some small nineteenth-century houses characteristic of a village center (some intact, some altered), and new commercial and residential development. Until the summer of 2015 the substantial nineteenth-century James Barn was located just across the street. A new commercial building is located southeast of the house, on the adjoining parcel.

The altered one-and-a-half-story Greek Revival house has pairs of windows flanking the center entry on the first story of the gable front, with three windows above in the gable. A long, one-story, gable-roofed wing set on a raised stone foundation extends from the north elevation; a gable-roofed addition extends from its east elevation. An added porch spans the south elevation, screening a secondary entry. Most of the finishes, including the shingle siding and vinyl windows, are replacements. The wing addition has several picture windows on the west elevation.

Viewshed mapping and on-site survey indicate the Project will be substantially visible in views from the house to the west. Mature deciduous and evergreen trees screen peripheral views to the north from the house though some clearing is proposed for along the south edge of the ROW. The Project will not be visible in the main public views of the historic resource nor create a focal point that distracts from the historic resource.

The current parcel has been this size since at least the 1890s and so has no association with its immediate neighbors, 11 or 12 North Road (DEER77, DEER71) that had agricultural associations. The 1857 Chace map identifies T. W. Sanborn as the owner and the 1892 Hurd atlas identifies Charles J. Coburn as the owner.

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property does not appear to possess significance under Criterion C for Architecture as it no longer appears to embody the distinctive characteristics of a type of housing nor does the property clearly possess the defined characteristics required to be strongly representative of its context. Better examples of gable-front, center-entry houses in the Greek Revival style are present in other parts of Deerfield, including 23 Nottingham Road and 65 Nottingham Road, both of which are located in the viewshed.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The original massing, patterns of fenestration, historic cladding have all been altered, compromising the integrity of design, materials, and workmanship. The property no longer retains integrity of setting and location as the character of the place in which the property played its historical role is compromised because of alterations to the surrounding landscape and open space, and the immediate neighborhood in the form of modern intrusions. The property no longer expresses the aesthetic or the historic sense of the time of its original construction. Though the historic parcel, a village house lot, is intact it no longer retains the physical features that convey that historic character and thus no longer retains integrity of feeling and association.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

[Empty text box for boundary discussion]

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-2 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH

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Photo 1) 13 North Road, front elevation with porch on south elevation and wing on north elevation, facing northeast [2013 Field Photo: IMG\_1865]



Photo 2) Wing on north elevation with addition to rear, facing southeast [2013 Field Photo: IMG\_092]

*Historic Resource Assessment*

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH



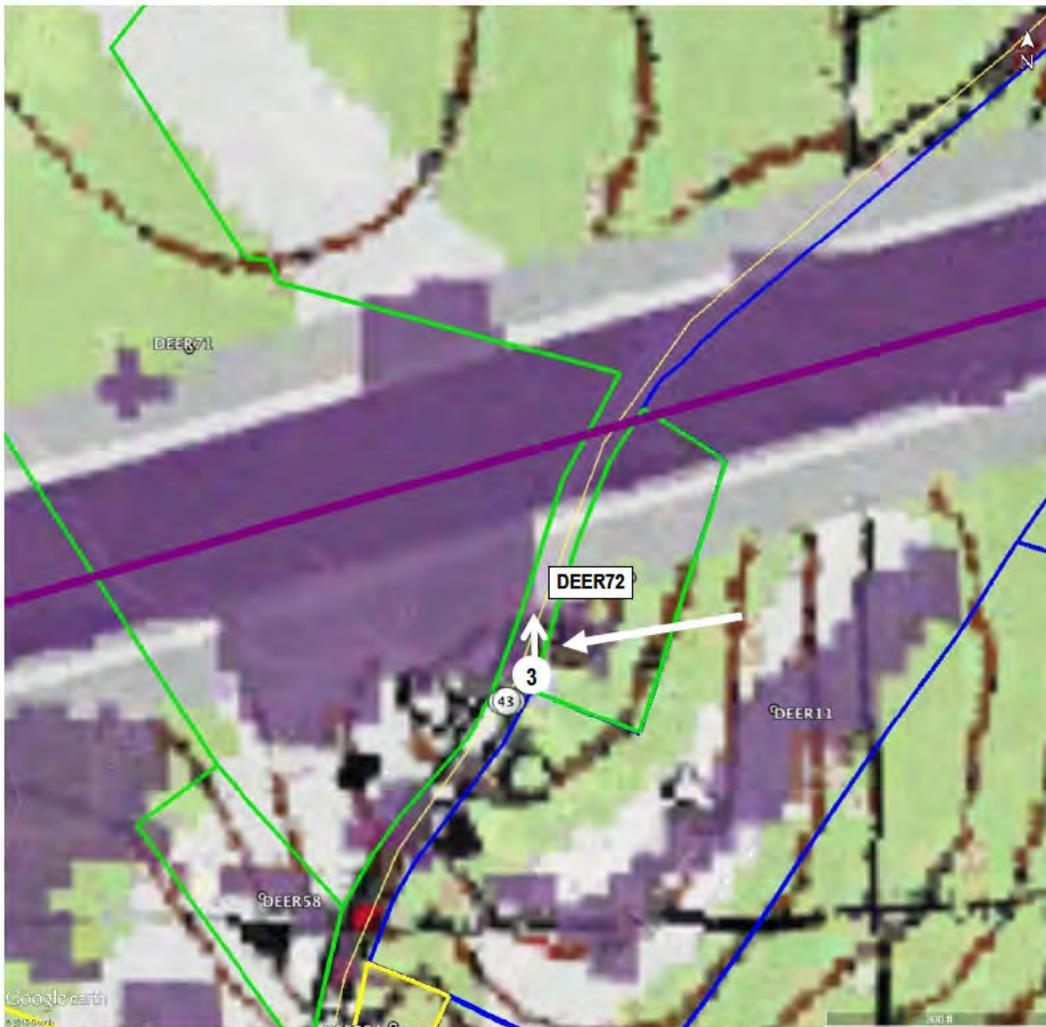
**Map Key**

Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER72

Property Name/Address: 13 North Road, Deerfield, NH



Viewshed map showing DEER72 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 3) Panoramic view of the existing transmission lines in the view from the house to the west and where they cross the road to the north of the house, facing northwest and north [2013 Field Photos: Pano\_1867-1872]



# Northern Pass Project Historic Resource Assessment

## Individual Property Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

Property ID: DEER85

Property Name/Address:

4a North Road, Deerfield, NH



### I. PROPERTY DESCRIPTION AND SETTING

This 0.25-acre parcel includes a small, c.1905 end house in the Queen Anne/Classical style. The house faces east onto North Road, away from the existing transmission lines which are nearly three-tenths of a mile to the west and two-tenths of a mile to the north. The ROW dates to no later than c.1953 and likely dates to the mid-1920s. The setting is a developing mixed-use local road and state road (NH Route 43) with some former agricultural properties, small nineteenth-century houses characteristic of a village center (some intact, some altered), and new commercial and residential development. Immediately south of the house is the former Union Lodge IOOF, a large late nineteenth-century commercial and institutional building. Located to the west between the property and the existing transmission lines is a c.2003 elderly housing development. A new condominium duplex is located to the north on the adjoining parcel.

The house is a one-and-a-half-story gable-front or end house in the Queen Anne/Classical style, three bays wide and two rooms deep. Historic finishes and details including clapboard siding, 2/2 wood sash windows, entry porch with turned posts and spindle frieze, cornice returns, and thin corner boards. A deck, added c.2009, extends from the north elevation. Scenic views were not part of the design intent or architectural character of the house.

Deed research suggests the house may have been built by William B. Smith, a shoe maker, but not for his occupancy.

### II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

#### a. Significance:

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH

The property appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of a type, period, or method of construction. The house is a representative example of an early twentieth-century end house, a type popular in New England village settings.

See the "Village Development" contexts in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The property appears to retain integrity for its period of significance. The house retains integrity of design, materials, and workmanship including clapboard siding, cornice returns, corner boards, 2/2 sash windows, and entry porch with turned posts and spindle frieze. The property retains integrity of setting, feeling, location, and association as a small early twentieth-century house set on a small village lot within a village location and setting. The modern intrusion to the west of the property such as modern elderly housing development is largely screened from view because of mature plantings on the rear and north side of the property; the modern intrusion to the north is visible but does not sufficiently diminish the historic village setting.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The entire parcel appears to be eligible as it is historically associated with the house in a village setting.

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

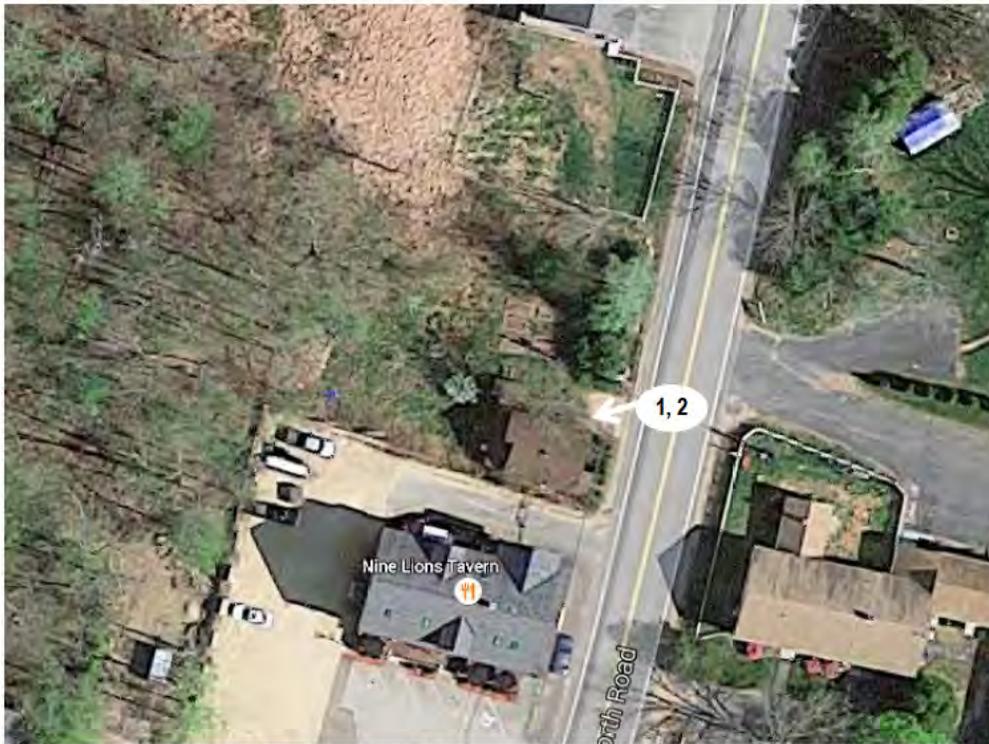
Viewshed mapping indicates the Project will be intermittently in view peripherally from the house to the north but not from other areas of the property.

On-site survey showed the Project will not be visible in the main public views of the historic resource because of mature vegetation screening to the west on this and the adjoining property. Any views from the road to the north of the historic resource are peripheral views and include a modern intrusion, a c.2014 duplex. These views are not part of the main public views of the property and are not historically significant views from the resource.

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-2 (Google Earth)



Photo 1) Queen Anne/Classical end house with historic finishes and detailing, leaf-off conditions, facing west [2014 Field Photo: IMG\_4021]

*Historic Resource Assessment*

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH

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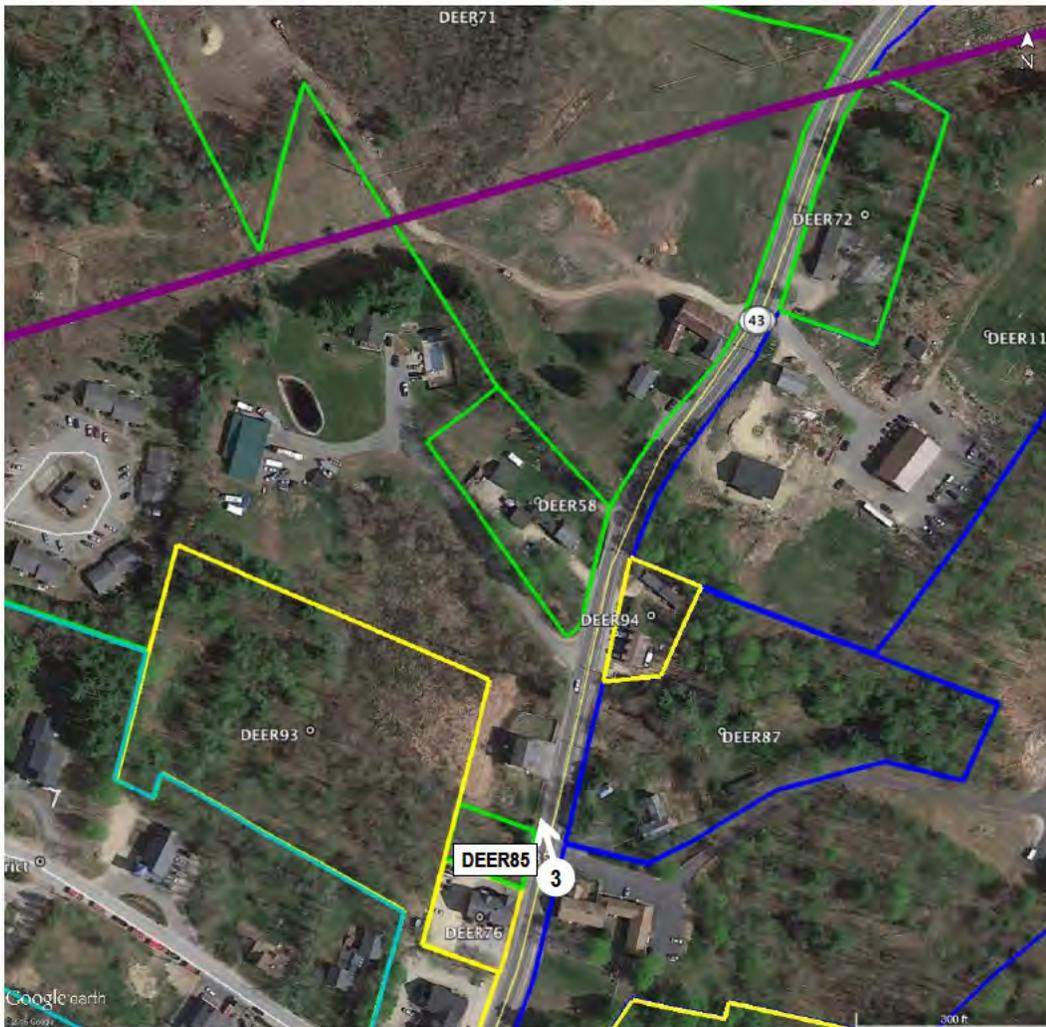


Photo 2) Slightly older photo, showing entry porch, facing west [Deerfield Tax Card]

*Historic Resource Assessment*

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH



**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: DEER85

Property Name/Address: 4a North Road, Deerfield, NH



Viewshed map showing DEER85 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 3) Street view, facing northwesterly and northerly in direction of Project, with modern intrusion in peripheral view from side of house



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

Property ID: DEER91

Property Name/Address:

N. Chase House/  
58 Church Street, Deerfield, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

The Nathan Chase Jr. property is a nineteenth-century former farm with altered outbuildings sited on an elevated site with views south though not in other directions. The house has a tax card date of 1835. The buildings include a center-chimney house with a wing and modern garage and living space addition (possibly an altered attached barn). The land in front of the house remains open but the remainder of the triangular 6.1-acre parcel is wooded. The existing transmission line is over one-half mile away to the south at a lower elevation. The ROW dates to no later than c.1953 and likely dates to the mid-1920s. The setting is a local road connecting the old village center on Meeting House Hill and the nineteenth-century Deerfield Center. Much of the road is lined with late-twentieth-century houses, all set back from the road on wooded lots.

The house is a five-bay center-chimney house with replacement 6/6 sash windows. The altered wing has added gabled dormers and a front porch. The two-story addition has a three-bay garage with living space above. A new outbuilding (garage/barn) is located west of the house.

The house is prominently sited in a small cleared area with views south in the direction of the Project. The rear (north) elevation of the house is visible from the road. Though situated on an elevated site, the house historically did not have views from both the front and rear of the property. The land to the rear of the property is at a higher elevation. Vegetation along the roadway screens much of the front portion of the property from the public right-of-way and any views in the direction of the Project. The property no longer has any agricultural significance. Aside from the cleared area around the domestic space, much of the property is wooded, as is much of the land between the property and the existing transmission line.

The 1857 Chace map identifies Nathan Chase Jr. as the owner at that time. By the early 1890s Arthur C. and Olive Ann Richards lived here according to the 1892 Hurd atlas. Mrs. Richards was a Chase daughter. She sold the property to Cora Wilson in 1905, whose family owned it until 1951. At that time the property totaled over eighty acres and extended on both sides of Cross Road, or

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

Lang Road as it's now called. Deed research indicates that the portion of the property south of Lang Road was subdivided into house lots beginning in the mid-1970s by George W. Owen.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of a type, period, or method of construction. The property no longer retains significance under Criterion A for agriculture as the parcel is greatly reduced in size, the outbuildings are new, and the setting has been altered with the growth of trees in the view south towards the mountains.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The addition to the west end of the house does not sufficiently detract from the building's integrity.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The historic setting today includes only the domestic setting of the house and landscape elements such as stone walls. Earlier in its history the property was associated with additional agricultural land on the southerly side of Lang road. Today, however, the greatly reduced parcel (just 6.1 acres) is heavily wooded on the westerly half and the southerly half. The only cleared area is a large lawn in front of the house that partially extends down the hill. Views of the mountain tops in the far distance are possible from the large lawn in front of the house, over the tops of mature trees.

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

### III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property?*

*Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Viewshed mapping indicates views from an open area south and southeast of the driveway in front of the house but not from the house.

On-site survey indicates the Project will not be visible in the historically significant views from the house southward due to distance (over 0.5 miles away) and mature vegetation screening at the south edge of the open area in front of the house. The Project is at a lower elevation and the mature vegetation at the edge of the open area and between the property and the Project screens any views in that direction. In addition to mature vegetation, a wooded ridge between the property and the Project screens any possibility of a view to the southeast. Modern housing, though well screened, is located between the property and Project in that direction.

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-4 (Google Earth)



Photo 1) Center-chimney house, facing northwest (southerly elevation) [2014 Field Photo: IMG\_4115]

*Historic Resource Assessment*

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

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Photo 2) House with altered wing and new addition, facing northwest [2014 Field Photo: IMG\_4118]



Photo 3) New barn, facing northwest [2014 Field Photo: IMG\_4116]

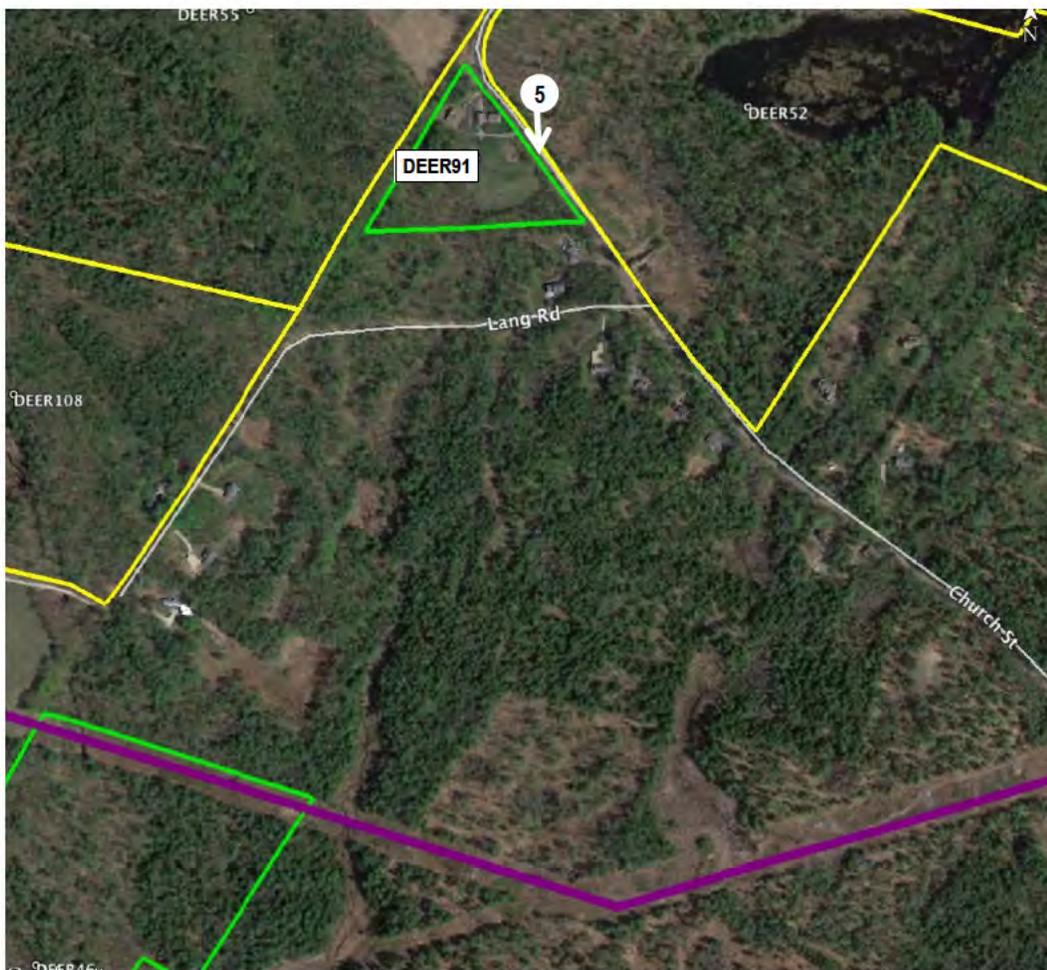
*Historic Resource Assessment*

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH



Photo 4) Rear (north) elevation from public right-of-way [Google Earth Street View]



Historic Resource Assessment

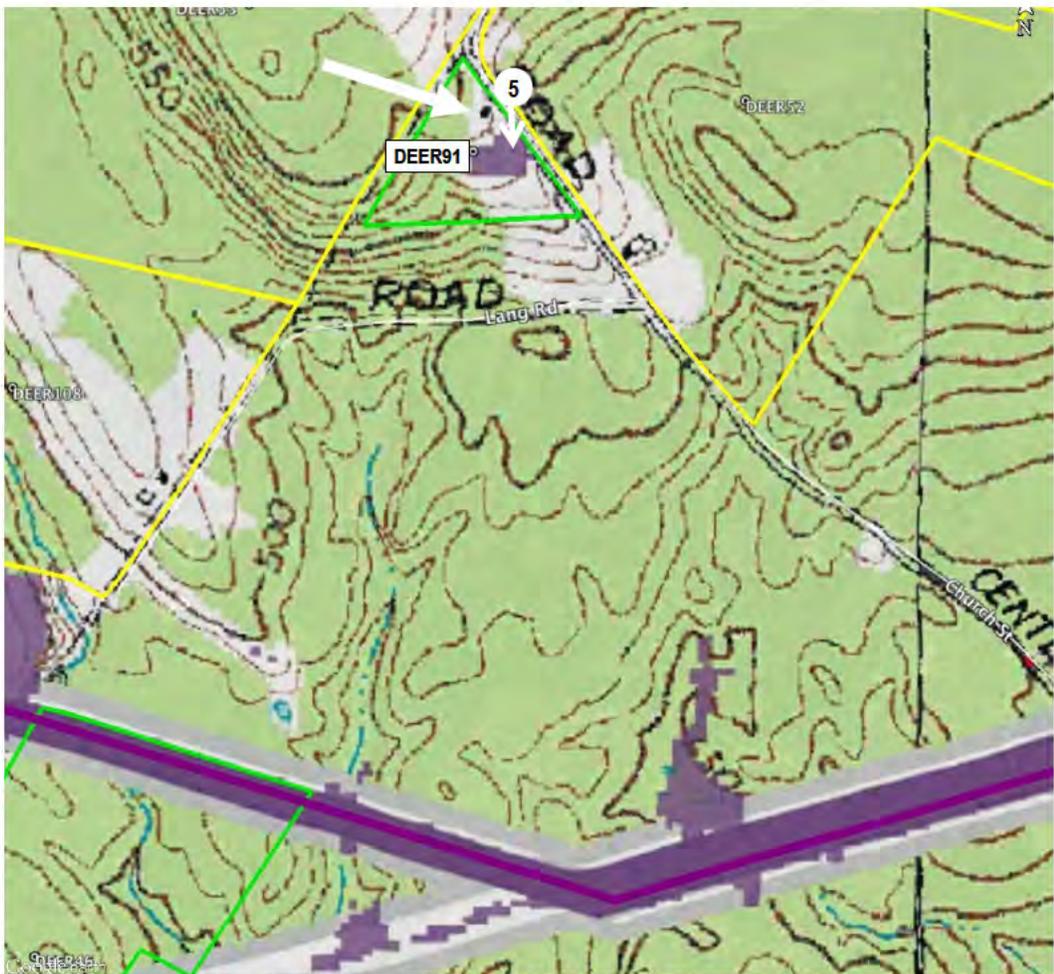
Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

Map Key

Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



Viewshed map showing DEER91 (white arrow), Limit of APE for Historic Resources  and Project 

*Historic Resource Assessment*

Property ID: DEER91

Property Name/Address: N. Chase House/58 Church Street, Deerfield, NH

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Photo 5) View southerly across front lawn in direction of Project [2014 Field Photo: IMG\_4117]

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

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### Property ID: DEER138

Property Name/Address:  
Lindsay/Manard Cabin  
(parcel associated with 65 Nottingham Road)



### I. PROPERTY DESCRIPTION AND SETTING

This property consists of the southern, roughly thirteen acres, of a 33.4-acre lot (Map 409 Lot 62) associated with 65 Nottingham Road which is crossed by the existing transmission line. Because the buildings on the southern section of the parcel reflect a historic context and period of significance that is different than the Deerfield Parade/ Deerfield Village District (DEER05), the cabin was assessed individually and not included within the boundary of a district.

This 13 acre property is largely forested, but there is a small clearing around a c.1960 log cabin located on the bank of a former ice pond. The ice pond is immediately adjacent to (or just within) the Project right-of way on its northwest side, while the cabin is 250' south of the line on the opposite bank. The house faces largely west across the pond towards a line of trees, and the existing transmission line is present in approximately half of the view. One weathering steel monopole and the two lines of conductors are visible without screening. The Project will be substantially in the view from the front of the cabin as the lattice structures will be taller than the trees and there will be additional conductors at a higher level.

The entire 33.4-acre parcel has been in the Lindsay/Menard family since 1950; it includes a c.1850 Greek Revival gable-front house which is sited directly on Nottingham Road and a barn. These buildings contribute to the 19<sup>th</sup>-century resources of the Deerfield Parade Historic District. An adjacent 3.1-acre parcel is associated with the c.1950-1970 industrial buildings that relate to the P.K. Lindsay Company. Philip Lindsay (and his heirs) operated the P.K. Lindsay Company which was a manufacturer of air compressors and sandblasting units for industrial uses. The late-20<sup>th</sup>-century single-story masonry factory buildings were originally in the same ownership and part of the same large parcel.

The log cabin which is the subject of this assessment was constructed c.1960 by Philip (1895-1971) and Madeline Lindsay, the grandparents of the current owner, and it has since been used seasonally by the family. (See transcript for 2011 Northern Pass Scoping Meeting in Pembroke; Deerfield Tax Card.) The cabin is inaccessible from the public right-of-way.

The single-story log cabin consists of a traditional side gable "cabin" section (which faces the pond) and an attached gabled ell. The main portion of the cabin is 24' x 17' while the ell is 18' x 14'. The logs

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

used in the house are long, slender and unhewn (rounded); they are unnotched and not weight-bearing. The cabin appears to have been built on a concrete foundation using standard frame construction with log siding possibly using local logs. There is cement chinking between the logs and the cabin was painted, now much worn off. There is a large exterior fieldstone chimney on the cabin section which breaks the eaves on the side elevation and an interior cement block chimney on the ell. The cabin has casement windows each consisting of six panes. There is a triple grouping of the windows on the rear elevation and a grouping of four on the front elevation. The front and rear elevations both have single entrance doors. There is a 16' x 22' garage and a wood shed on the property both with board and batten siding. The cabin has electric heat and is accessed via a dirt driveway from the northern part of the parcel.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The log cabin possesses significance individually under Criterion C for Architecture as a good typical example of rustic architecture from the mid-twentieth century in an appropriately isolated wooded setting by a pond. The use of local logs and fieldstone emphasizes the craft ethic of the Rustic style and these materials are executed in a simple form. It is one of few examples of log cabin rustic architecture in the APE and an unusual choice in this region. There may be a context in Deerfield for summer cabins, but it was not explored for this inventory and no other examples were discovered in the APE.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The cabin appears to retain most elements of integrity The cabin post-date both the original 100' wide transmission line ROW in this location and its expansion c.1954, so it was sited at this pond with that line in view. The existing structures and lines are a substantial component of the setting of the property, but overall the setting retains sufficient integrity to demonstrate the rustic intentions of the cabin in the woods on a small pond. ..

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

This property includes the PSNH right-of-way on Map 409 Lot 62 and all land south of the right of way in that parcel. As discussed above, the historical significance of this section of the parcel does not relate to that of the rest of the parcel; thus, it was considered as a separate property.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The Project passes less than one-tenth of a mile to the north of the log cabin and is immediately adjacent to the small pond. The cabin was sited to take advantage of views across the pond and these views are historically significant and character-defining features of the property. Currently the view from the cabin is of the thin grouping of trees across the west side of the pond and the open right-of-way with one weathering steel monopole and two sets of conductors visible for roughly half the arc of the viewscape.

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

3-D modeling indicates that with the increased height of the proposed relocated and new transmission structures will be significantly apparent above the trees which are in the main views from the cabin. Conductors, and to a less degree structures, will be visibly prominent in views of the open right-of-way area, particularly given the proposed clearing along the south side of the ROW. Because the Project will be of a substantially greater magnitude, the experience of the woodland setting of the historic property will be altered and therefore this will result in an adverse effect. This cabin is isolated and accessible only to the owner so there will be no effect on any public views in the vicinity.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-2 (Google Earth)

*Historic Resource Assessment*

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

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Photo 1) Log cabin faces northwest toward ice pond (visible to right) [Deerfield Tax Card]

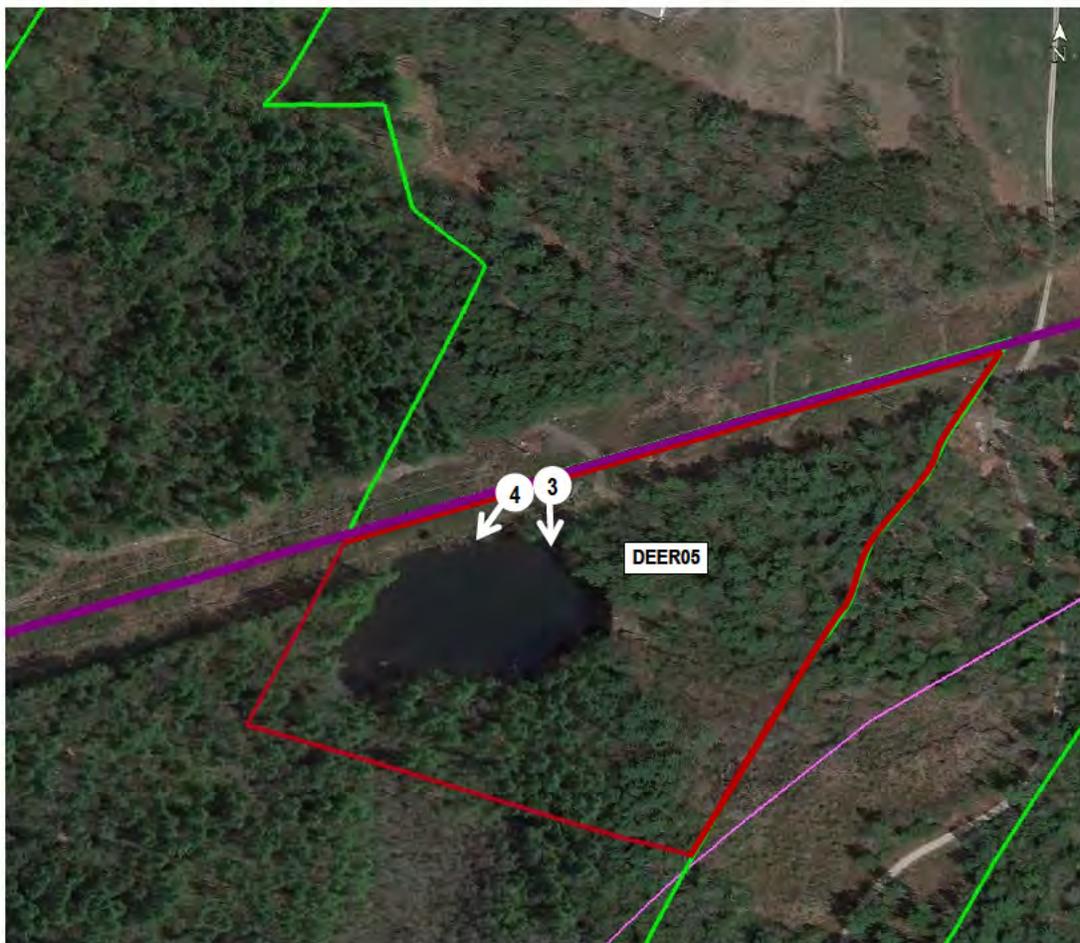


Photo 2) View of cabin from transmission line right-of-way [2015 Field Photo: IMG\_9020]

*Historic Resource Assessment*

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road



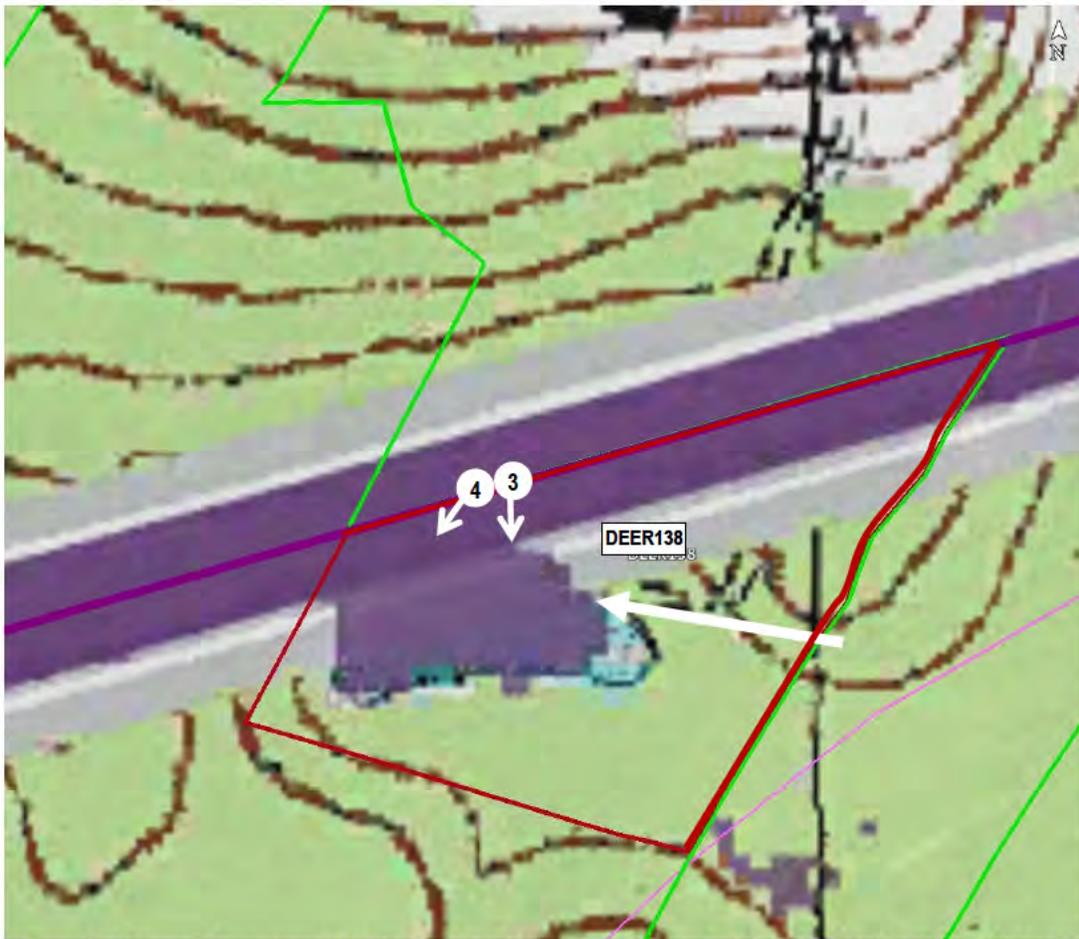
**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road



Viewshed map showing DEER138 (white arrow), Limit of APE for Historic Resources  and Project 

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

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Photo 3) View of cabin setting from transmission line right-of-way [2015 Field Photos: IMG\_9026]

*Historic Resource Assessment*

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road

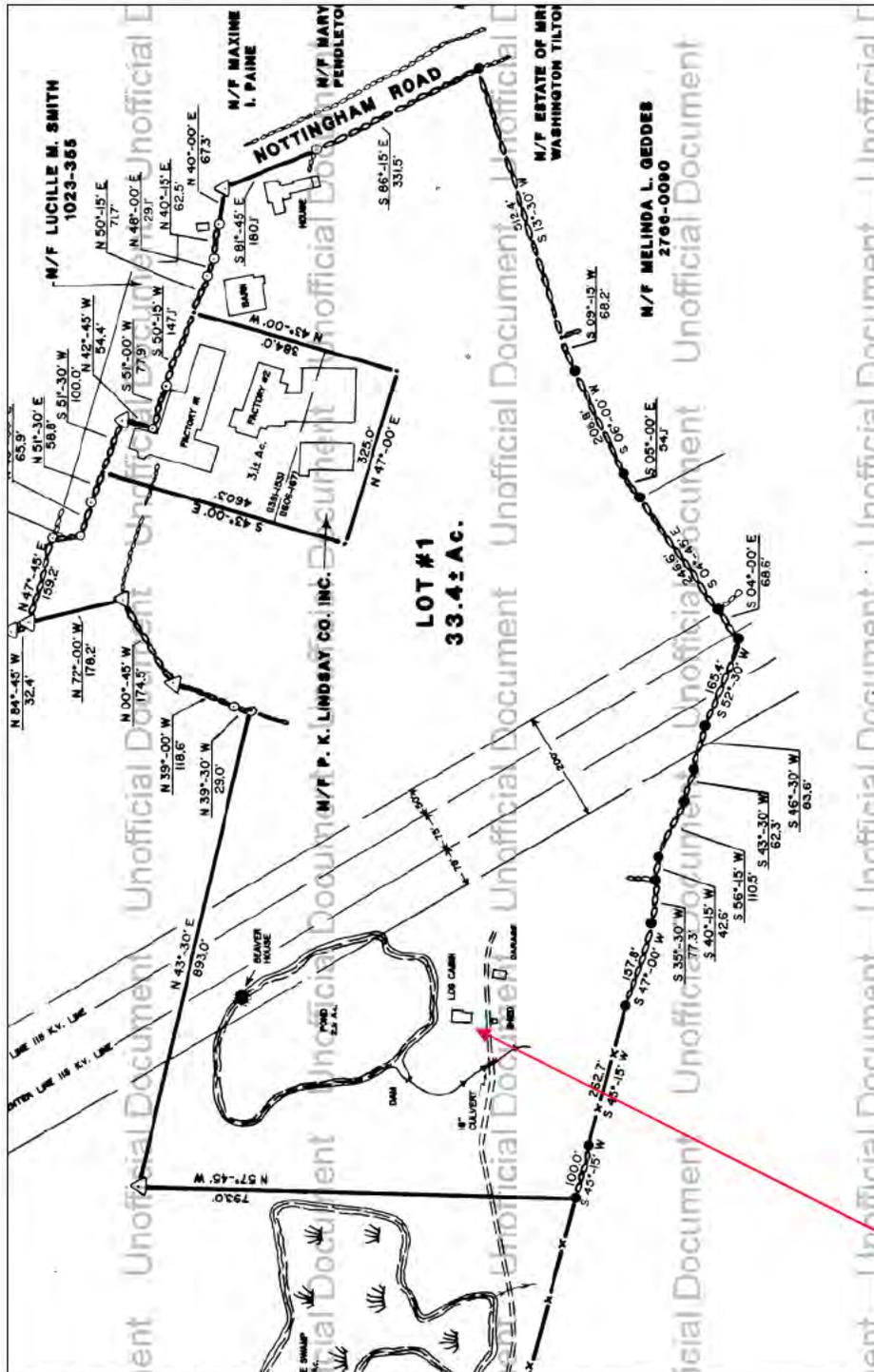
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Photo 4) View relationship of pond to transmission line right-of-way [2015 Field Photos: IMG\_9019]

Property ID: DEER138

Property Name/Address: Cabin south of 65 Nottingham Road



Map of Lot 62 Map 409 in Deerfield. Land including, and west of, the transmission line is included in this property. (Rockingham County Registrar of Deeds Plan #22925 by David W. Sidmore, "Plan of Boundary Line Adjustment on Land Frances L. Menard for Conservation Easement" Dated June 1994)

Cabin is at red arrow.

# Northern Pass Project Historic Resource Assessment

## *Town Summary*

### ALLENSTOWN

#### *Summary of Historic Resources and Effects*

Within one mile on either side of the transmission line in Allenstown, twenty-two (22) pre-1966 potentially historic individual resources and three (3) multiple property groupings were identified. Buildings include former farmhouses from the late eighteenth to mid-nineteenth centuries with a small number of early to mid-twentieth century homes, none of which will have substantial views of the Project. There are several small neighborhood and family cemeteries. Viewshed mapping and fieldwork found only one historic resource with visibility of the Project, Bear Brook State Park (ALLE63), but it does not appear to be adversely affected.

#### *Previous Historic Resources Documentation*

The Project will not be visible from the two National Register of Historic Places-listed properties within Bear Brook: the Bear Brook Civilian Conservation Corps (CCC) Camp Historic District and the Allenstown Meetinghouse listed on the National Register in 1992 and 2004. The Allenstown Meetinghouse is also on the New Hampshire State Register of Historic Places (ALL0007, NR04001327). An historic structures report on the meetinghouse by James L. Garvin is on file at NHDHR.

Outside the APE, the Allenstown Public Library on Main Street in Suncook is listed in the New Hampshire State Register of Historic Places. There are no other National Register listed buildings in town.

The *Town of Allenstown 2003 Master Plan* includes extensive historical background and identifies key historic resources in town, few of which are in the APE. None of the half-dozen small cemeteries on Deerfield Road in the APE has a historically significant view or potential view of the Project, nor does the former Evans Schoolhouse. Wing Road is noted in the Master Plan for its scenic vistas, but the transmission line will not be visible from the road due to its much lower elevation and intervening woods. The other scenic view identified is the view from Catamount Pond in Bear Brook looking south toward Catamount Hill in the opposite direction from the Project. Deerfield Road has since been locally designated as a scenic road.

The Allenstown-Pembroke Route 3 Project Area Form and Suncook Village Historic District Area Form filed with NHDHR in 2001 covered an area about four miles away from the Project. The location on the Allenstown-Pembroke line documented by the Buck Street Island NHDHR Area Form in 2011 is south of the APE, more than a mile from the Project. In Bear Brook State Park 2.6 miles south of the Project, the Bear Hill Pond Camp Historic District was documented on a NHDHR Area Form in 2013 and determined eligible for the National Register.

### *Geographical and Historical Context*

Allenstown is a community of around 4,300 residents, southeast of Concord in Merrimack County. The population is concentrated in the historically industrial village of Suncook, in the southwest corner of Allenstown, spanning the Suncook River into Pembroke, at the confluence of the Merrimack River. Much of the land is unsettled, wooded and hilly, with numerous streams, small ponds and wetlands. Bear Brook State Park established in the 1930s, occupies 6,740 acres in Allenstown, where there was previously woodland with small sawmill operations.

Historically, agricultural properties were concentrated on the interval of the Suncook River at the western edge of town and in the north on a ridge of land between Bear Brook and Little Bear Brook. The town's two main roads are in those locations. East-west Deerfield Road was the site of farms that were the focus of early settlement. The c.1815 meetinghouse, neighborhood schoolhouses and cemeteries were located along it. River Road is the old road up the valley north of Suncook Village. NH Route 28/Pinewood Road which intersects US 3 near the Village was rebuilt in 1955, incorporating the former railroad bed. The Suncook Valley Railroad operated from 1869 to 1952. The Allenstown depot was at the west end of Deerfield Road. A small village developed around the Buck Street Bridge over the Suncook to Pembroke and adjacent small industries. The crossing was realigned when Route 28 was rebuilt.

### *History of the Transmission Line in Allenstown and Existing and Proposed Structures*

According to PSNH sources and historic aerial photos, the 150' PSNH easements in Allenstown were acquired c.1953-54 and the D118 line was built. The G-146 line dates from c.1973. The wooden monopole structures of the existing 115-kV line are 47.5' to 88' tall. The structures of the proposed 345-kV line will be south of the existing ones, and range in height from 110' to 160, most commonly 130'.

### *Route Description*

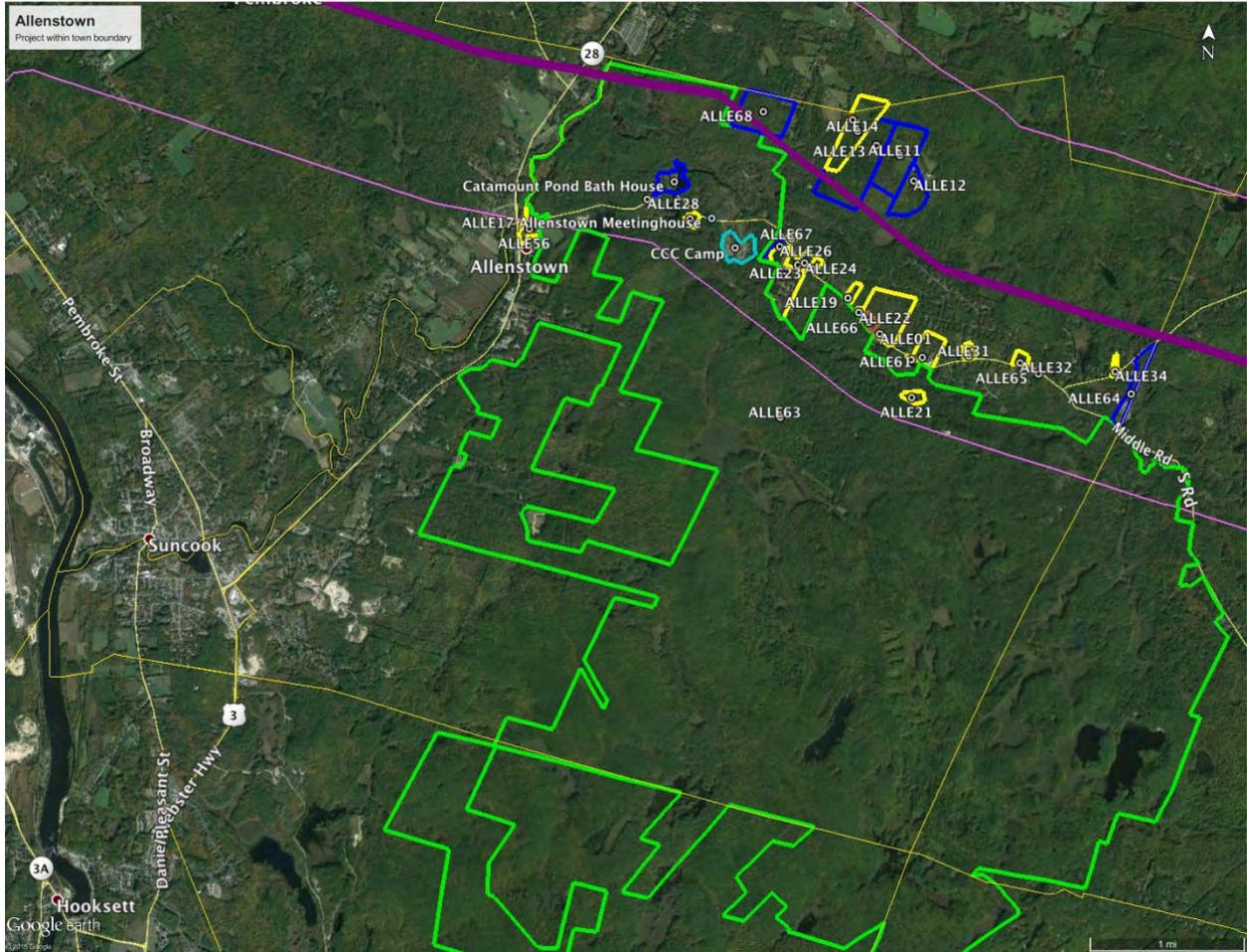
The transmission line ROW passes east-west for four miles along the northern edge of Allenstown. At the Deerfield border, the line crosses Mount Delight Road and passes through an unsettled area northeast of Deerfield Road. Wooded, hilly terrain prevents potential views of the Project from Deerfield Road where most of the older properties in the APE are located. There has been considerable modern residential subdivision, leaving isolated older houses and farms and no intact rural historic districts. Properties are wooded and surrounded by newer homes, with no significant views. Deerfield Road ranges from a third to a half mile south of the Project corridor.

North of the transmission line, near the Epsom line, the viewshed map indicates farms at the end of Wing Road have isolated potential views of the Project from outlying open fields, but not from the road or from the historic buildings themselves. The transmission line ROW crosses New Rye Road south of a group of historic buildings on the Epsom border, which will have no views of the Project due to its lower elevation.

In the northwest corner of town, the transmission line passes through the Bear Brook State Park (ALLE63) parallel to the Allenstown-Epsom town line roughly half a mile north of

Deerfield Road. Buildings within the APE in Bear Brook State Park were identified and mapped individually because of their dis-contiguous nature and also within the boundary of the larger park. Less than a quarter of the park's land lies in the APE. Bear Brook in its entirety may be eligible for the National Register of Historic Places as a historic district including large areas of undeveloped land, with individual buildings that may be individually eligible or are previously National Register-listed. Scenic views are not an identifying characteristic of the park. Most of the historic buildings and features have no views. The Project will not be visible relative to the historic picnic pavilion, park office or headquarters. The Catamount Pond Bathhouse north of Deerfield Road is the nearest historic building to the Project, but a photosimulation shows that the proposed transmission line will not be in view from Catamount Pond. Catamount Hill offers several viewpoints, but the view of the Project from the Catamount Hill Trail is more than a mile distant and filtered by trees. The transmission line right-of-way passes directly through the Park in an area of land acquired by the State in 1965 after the transmission line had been installed and not part of the significant 1930s historic resource. The Black Hall Road Trail, formerly River Road, passes under the transmission line. The abandoned rail bed of the Suncook Valley Railroad also intersects the transmission corridor within the State Park, but the railroad tracks and other hardware were removed more than sixty years ago. A potential historic district around the former Allenstown railroad depot is nearly one mile south of the Project with no views of it.

Mapping – Project within Town Boundary Map

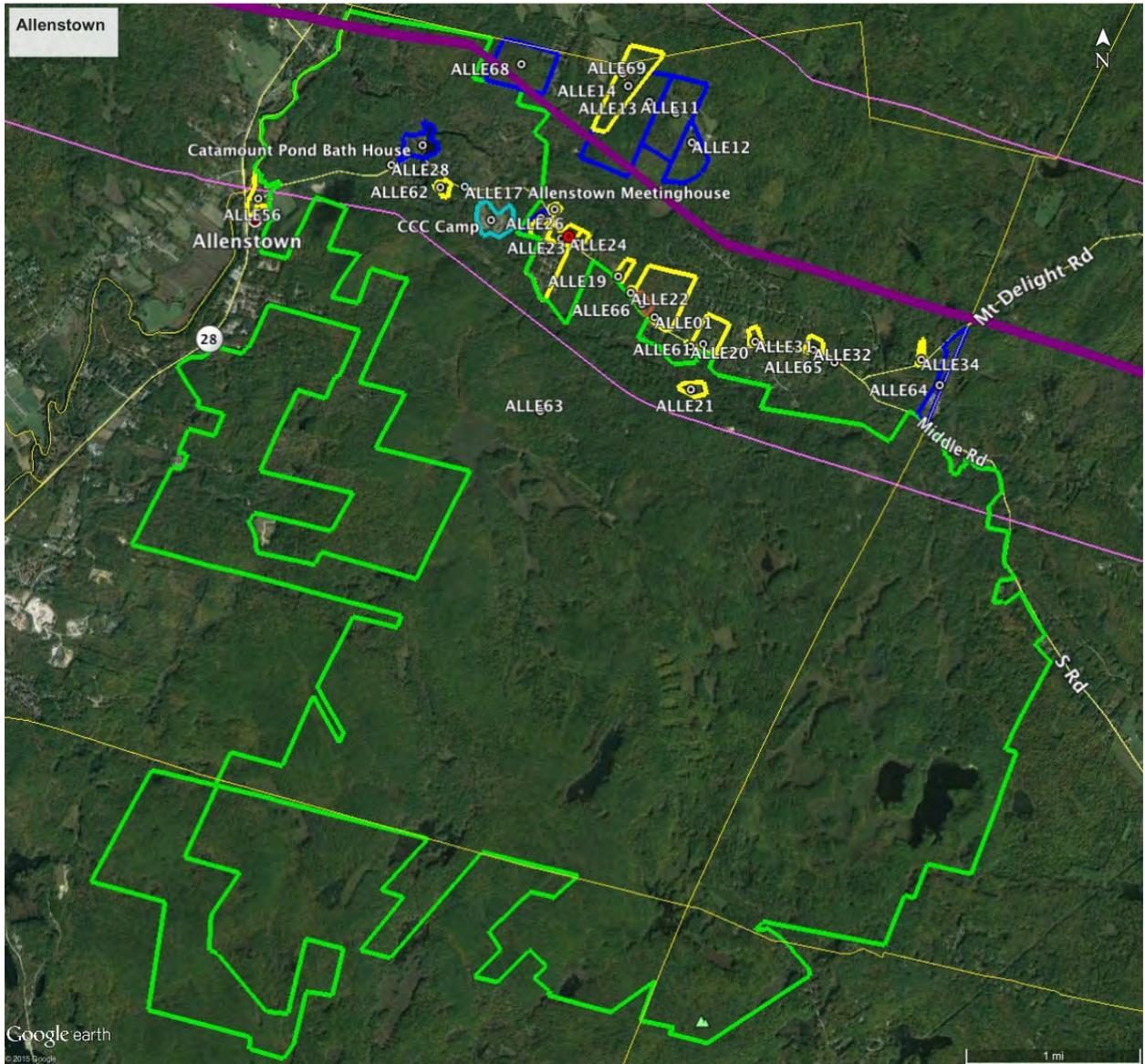


Map Key

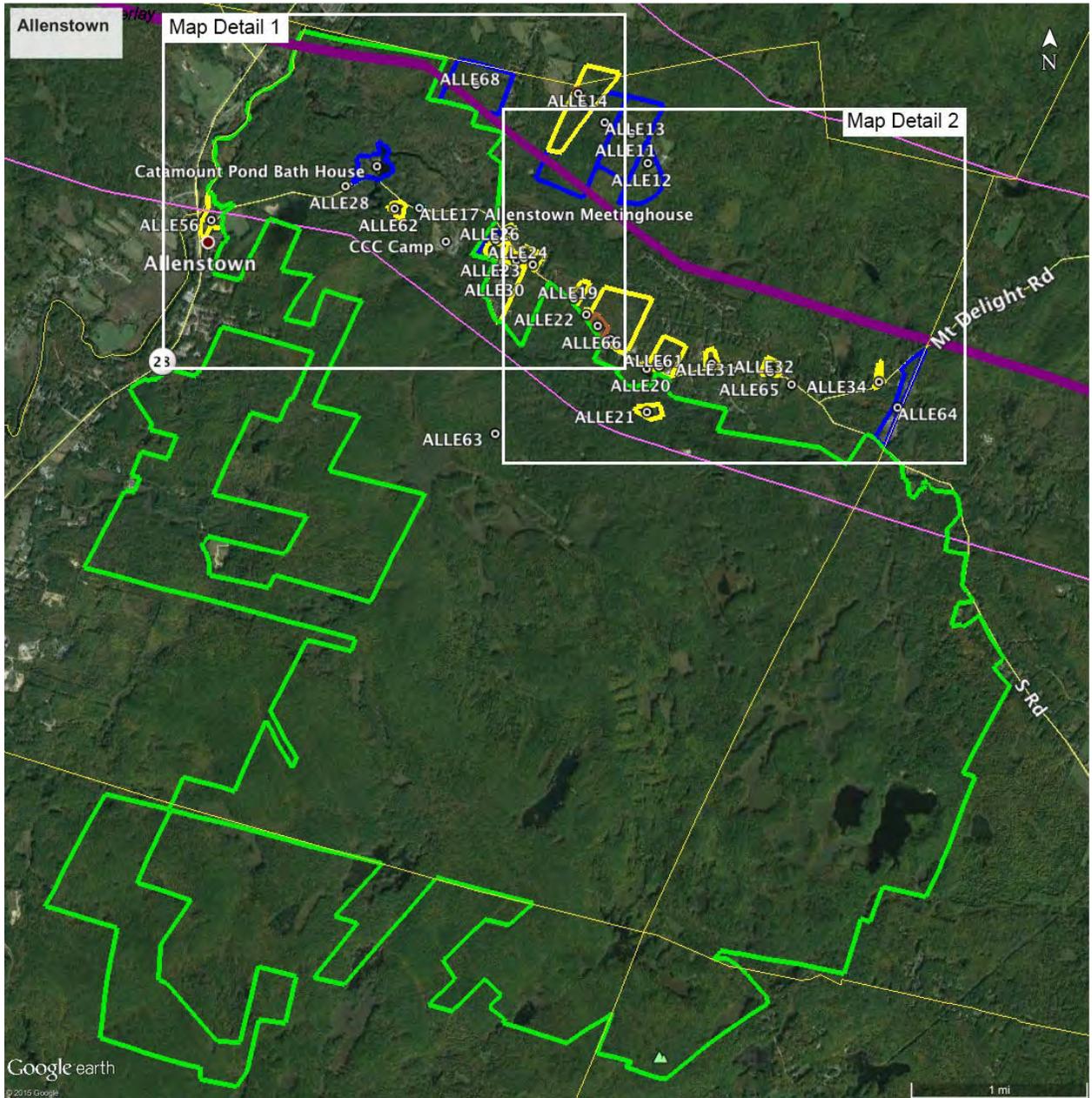
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)		
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

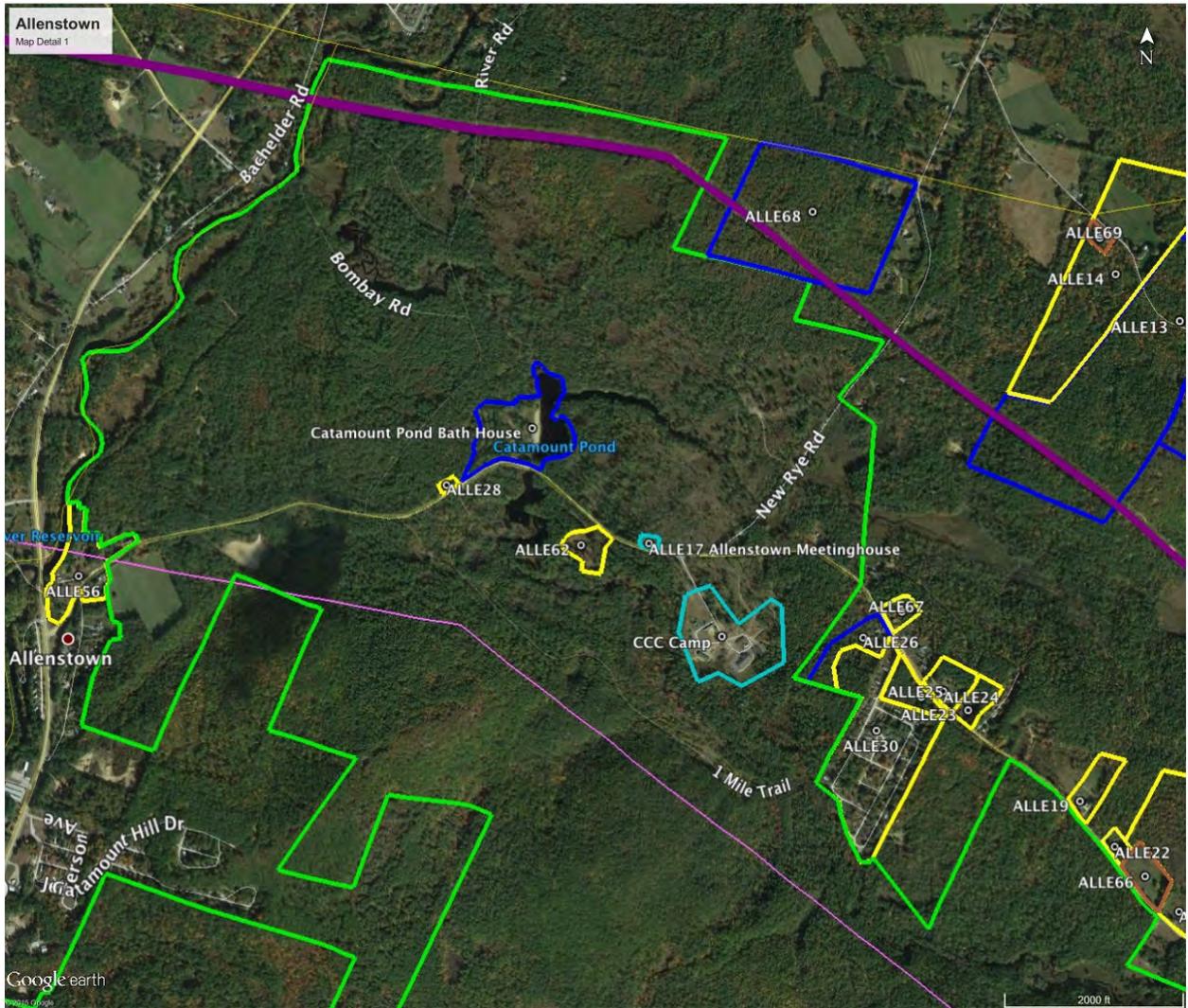
Mapping – Overall Project Map



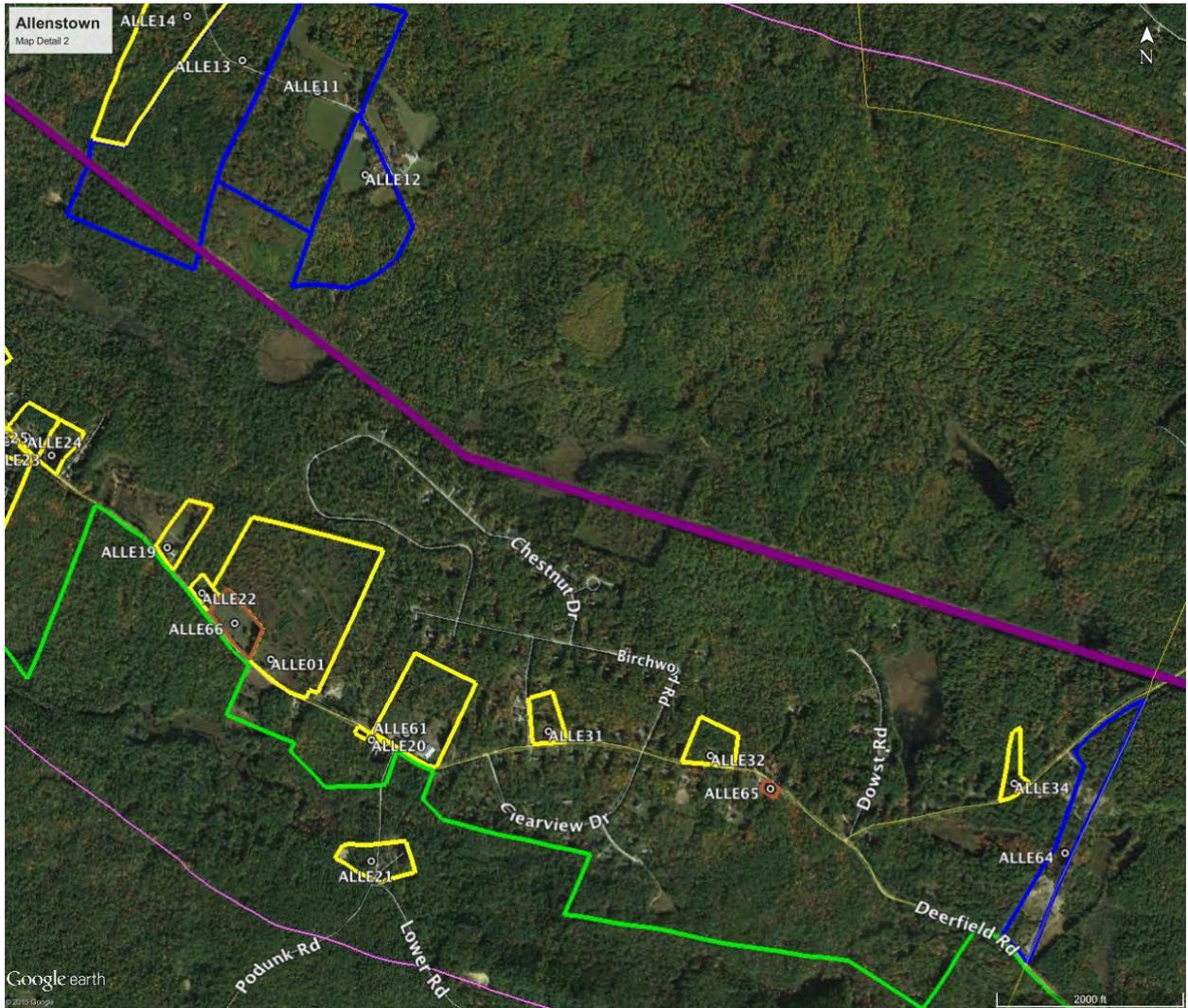
Mapping – Key to Detail Maps



Mapping – Detail Maps from West to East



Allenstown

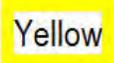


# Northern Pass Project Historic Resource Assessment

## *Table of Historic Resources*

### ALLENSTOWN

#### Key to Categories

 Yellow	Properties with no views of the Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible
 Green	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion



Category	ID	Town	Address	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	ALLE01	Allenstown	298 Deerfield Road	43.14950886	-71 36029959	S		c.1890 1 1/2 story house with clipped gable roof, shed dormers, front porch, bay window, 2-car garage, flat semi-open land, 32 acre parcel.			Viewshed maps and field review indicate the Project will not be visible due to intervening wooded hills, new residential subdivision.
	ALLE11	Allenstown	181 Wing Road	43.165762	-71 356331	S	"Mabel's Stables"	c.1790, 2 1/2 story, center chimney house, ells and carriage barn, modern stable, garage and shed, cemetery, on 25 acres north of road, 29 acres open field south of road			The transmission line runs east-west over 1/3 mile south of the house and outbuildings. The existing line is not visible from the public right-of-way. It is at a lower elevation screened by the tree line. Viewshed maps indicate only a possible isolated view of the Project from the open field south of the road. The Project will not be visible from most of the property due to vegetation and topography. It will not be visible from the vicinity of the historic buildings. The Project will not be visible in the main public views of the buildings.
	ALLE12	Allenstown	210 Wing Road	43.164115	-71 354918	S		c.1850 Greek Revival style side-hall plan house with attached barn and a separate modern barn, 27 3/6 acres.			The transmission line runs east/ west to the south, down hill from this property. The viewshed map shows only one isolated point in the open field at the west edge of the parcel from which the Project will be visible. This view is not part of the historic significance of the property. The Project will not be visible from the vicinity of the historic buildings or from the public right-of-way.
	ALLE13	Allenstown	141-138 Wing Road	43.166816	-71 359654	S		Wing Road bisects property. 14.4 acre parcel north of road with c.1900 Cape, secondary residential building and 20th century barn. 60-acre wooded parcel south of Wing Road. Transmission line crosses southern edge of property.			Viewshed maps and field review indicate no views of the Project from Wing Road or in the vicinity of the buildings. The Project crosses the land but will only be visible when immediately adjacent to the line, far from the buildings where the view is not part of the historical significance.
	ALLE14	Allenstown/ Epsom	105 Wing Road	43.169156	-71 361546	S		c.1825 Cape Cod, 4 acre parcel, 24 acres across road.			Viewshed maps and field review indicate the Project will not be visible from this property due to the steep slope and dense woods.
	ALLE17	Allenstown	100 Deerfield Road	43.160574	-71 381069	S	Allenstown Meeting House	Built c.1815. Significant under Criteria A and C. Only surviving one-story meetinghouse in New Hampshire that served traditional civic and religious functions. Retains integrity despite fire in 1985.		National Register of Historic Places (NRHP) listed 2004, NH State Register listed	Viewshed maps and field review indicate that there are no views of the transmission lines from this location.
	ALLE18	Allenstown	Deerfield Road	43.163821	-71 385821	S	Catamount Pond Bathhouse	Beach and bathhouse, part of Bear Brook State Park	4137-4140		SEE FORM ALLE63
	ALLE19	Allenstown	266 Deerfield Road	43.153003	-71 363872	S		c.1830 cape with center chimney, large addition, front porch, new windows and entry, on 4.4. acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	ALLE20	Allenstown	Podunk Road, corner of Deerfield Road	43.147684	-71 356016	S	Kenison Corner Cemetery	Cemetery on 3 3/6 acre parcel with c.1988 house. Small nineteenth century cemetery, low granite wall.			Viewshed maps and field review indicate the Project will not be visible. Wooded site. No scenic views. New houses across road.
	ALLE21	Allenstown	Deerfield Road	43.143439	-71 355361	S	Bear Brook Headquarters	Part of Bear Brook State Park			Viewshed maps and field review indicate the Project will not be visible from this location in the park.
	ALLE22	Allenstown	274 Deerfield Road	43.151817	-71.3625	S		c.1840 side-hall plan house, Greek Revival style, on a 1.4-acre parcel, former schoolhouse?			Viewshed maps and field review indicate the Project will not be visible.
	ALLE23	Allenstown	234 Deerfield Road	43.155579	-71 368607	S		c.1700 1 1/2 story house, 3 bay "half" house, garage, 3.1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	ALLE24	Allenstown	228 Deerfield Road	43.15658	-71 36997	S	Evans Cemetery	4-acre property contains small historic cemetery with granite and fieldstone walls, on property of ca. 1986 house, small older house, outbuildings			Viewshed maps and field review indicate the Project will not be visible.
	ALLE25	Allenstown	225 Deerfield Road	43.156183	-71 369947	S		c.1790 4 x 2 bay Cape, shed, on 4 acre parcel, semi-open land			Viewshed maps and field review indicate the Project will not be visible. Separated by nearly 0.5 mile of woods.
	ALLE26	Allenstown	207 Deerfield Road	43.158188	-71 371526	S		c.1790 3 x 2 bay Cape, center chimney, new windows 5.01 acre parcel of semi open land, small barn			Viewshed maps indicate isolated potential views of the Project from the front yard of this house looking across the road to the north. The view is distant, separated by a large area of forest and varied topography. The view from the property does not contribute to any potential historic significance. The Project would not be visible when the house is viewed from the road facing south.

Category	ID	Town	Address	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	ALLE27	Allenstown	off Deerfield Road	43.157669	-71 378093	S	Bear Brook CCC Camp Historic District	Historic district of 8 buildings, erected by CCC in 1935. Part of Bear Brook State Park - See ALLE63		National Register of Historic Places (NRHP) listed	Viewshed maps indicate no potential views of the transmission line from this location within Bear Brook State Park.
	ALLE28	Allenstown	off Deerfield Road	43.162403	-71 389122	S	Bear Brook Park Office	Part of Bear Brook State Park, administration building			Viewshed maps and field review indicate the Project will not be visible from this location in Bear Brook State Park.
	ALLE30	Allenstown	Off Deerfield Road-Hillside Drive, Woodlawn Edgewood	43.156535	-71 371612	M	Hillside Drive Trailer Park	Ranch house at 7 Hillside Drive and mobile home park with trailers from 1970s and later.			Viewshed maps and field review indicate the Project will not be visible.
	ALLE31	Allenstown	368 Deerfield Road	43.147525	-71 348602	S		c.1850 high posted cape with front porch, new windows, on 3.81 acres.			Viewshed maps and field review indicate the Project will not be visible. Intervening woods and new residential development.
	ALLE32	Allenstown	402 Deerfield Road	43.146971	-71 341825	S		c.1930 one-story house with large Ranch addition on 4.9 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	ALLE34	Allenstown	36 Mount Delight Road	43.14602	-71 329798	S		c.1850 cape with early 20th century additions and remodel, outbuildings on a 2.72 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	ALLE56	Allenstown	1, 2, 3 and 6 Verville Road, 15 and 24 Deerfield Rd	43.15966	-71.404415	M	Allenstown Depot historic area	Potential historic district of 6 properties, with buildings from c.1792-c.1850, including former railroad station			Viewshed maps and field review indicate the Project will not be visible from this location at the edge of the APE.
	ALLE61	Allenstown	334 Deerfield Road	43.14735	-71 35415	S		c.1800, altered Federal period house with hip roof, no integrity. 17.17 acre parcel, "Bear Brook Stables". Late 20th century stable and indoor riding ring			Viewshed maps and field review indicate the Project will not be visible.
	ALLE62	Allenstown	Deerfield Road	43.160609	-71 383782	S	Bear Brook Picnic Pavilion	part of Bear Brook State Park day-use area, see ALLE63			Viewshed maps and field review indicate the Project will not be visible from this location in Bear Brook State Park.
	ALLE63	Allenstown	Deerfield Road	43.142073	-71 372431	M	Bear Brook State Park	SEE FORM - includes ALLE17, ALLE18, ALLE21, ALLE27, ALLE28, ALLE62			SEE FORM
	ALLE64	Allenstown	484 Deerfield Road	43.141685	-71 329328	S		c.1949 Ranch with enclosed front porch, all new siding and windows. 24.5 acre parcel on town line. Flat open land north of house, gravel pit			Viewshed maps indicate the Project may be visible from the open land behind the house. From the road, the house and surrounding trees will screen Project from view. View to the north from back of house, not historically significant.
	ALLE65	Allenstown	415 Deerfield Road	43.146097	-71 339531	S		c.1966 Ranch, siding and windows replaced, 0.51 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	ALLE66	Allenstown	288 Deerfield Road	43.150583	-71 361072	S		c.1968 contemporary house, large garage, 4.9 acre parcel, flat open land			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	ALLE67	Allenstown	206 Deerfield Road	43.158477	-71 371167	S		Converted barn, 2.01 acre parcel, tax card date 1954			Viewshed maps and field review indicate the Project will not be visible.
	ALLE68	Allenstown	92 New Rye Road	43.170873	-71 37164	S		c.1965 Ranch, set back from road on 50 acre parcel, wooded except for small yard			Project passes through southwest corner of parcel 0.2 mile southwest of the house. Potential views of the Project from immediate vicinity of transmission line corridor, but not from the house or yard. House faces east. Yard surrounded by trees.
	ALLE69	Allenstown	90 Wing Road	43.169548	-71 36327	S		c.1968 Ranch on 0.99 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.

# Northern Pass Project Historic Resource Assessment

## *Large Area/District Analysis*

*This analysis is part of a survey of historic (pre-1968) properties located in the one-mile Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: ALLE63**

Property Name/Addresses:

Bear Brook State Park/Deerfield Road,  
Allenstown, NH and Middle Road, Deerfield



### **I. PROPERTY DESCRIPTION AND SETTING**

Bear Brook State Park is a large area of forested public land with trails, swimming beach, picnic areas, campground and children's summer camps, all developed during the Great Depression by the Civilian Conservation Corps stationed at the CCC Camp on the site from 1935 to 1942. The existing transmission line installed c.1953-54 passes through the northwest corner of the State Park in an area of land added to it in 1965. The transmission line crosses the Black Hall Road Trail, a local road discontinued at that time. The line is not visible from any of the historic buildings, the closest of which is the Catamount Pond pavilion and bathhouse, 0.55 mile to the south. The only views of the existing transmission line are in the immediate vicinity of the Black Hall Road trail crossing and from viewpoints on the Catamount Hill Trail, roughly 1.2 miles away.

Bear Brook State Park is the largest developed state park in New Hampshire, covering nearly 10,000 acres of land in Allenstown (6,564 acres), Deerfield (1,938 acres), Hooksett (793 acres) and Candia (290 acres), according to the 1994 Bear Brook State Park Management Plan. Access is via Deerfield Road, a rural local road that runs through the northwest corner of the park and along its northern border. The main entrance is off Route 28 near the western Allenstown line. Podunk Road and Campground Road, both pre-existing historic roads south of Deerfield Road, provide access to the eastern part of the park. New Rye Road remains in use as a municipal road, north of Deerfield Road into Epsom. The east edge of the State Park is south of Middle Road in Deerfield. Most of the park lies outside the APE for Historic Resources. In the database and Project mapping, individual park buildings within the APE are identified and also encompassed by the larger boundary. Included are: ALLE17, ALLE18, ALLE21, ALLE27, ALLE28 and ALLE62.

Bear Brook contains forty miles of trails used for hiking, horseback riding, mountain biking, cross-country skiing, and snowshoeing. Other facilities include a swimming beach on a man-made pond, bathhouse, picnic shelter, public archery range, stocked fishing ponds, a campground and two former children's summer camps. The National Register of Historic Places listed Bear Brook CCC Camp buildings contain small seasonal museums, including the Nature Center established in 1960, the Richard Diehl Civilian Conservation Corps Museum opened in 1984, the New Hampshire Antique Snowmobile Museum established in 1985 and the Family Camping Museum in 1993.

Property ID: ALLE63

Property Name/Addresses: Bear Brook State Park, Allenstown, NH

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The c.1815 Allenstown Meetinghouse on Deerfield Road is surrounded by state land, but owned separately by the Daughters of the American Revolution from 1908 to 1991, then by the State and since 2004 by the Town of Allenstown again. The building was restored after 1985 arson damage and listed on the National Register of Historic Places. The Park contains several small historic cemeteries, including the Burgin or Meetinghouse Cemetery on Deerfield Road, the Leavitt Cemetery on the Chipmunk Trail off Podunk Road and the Clark Cemetery on the Pioneer Trail. There is evidence of a small granite quarry that operated on the northwest side of Catamount Hill according to the Allenstown Town Master Plan.

Bear Brook State Park is unique among New Hampshire's Depression-era parks in its origins as a federally-owned Recreational Demonstration Area. The progressive New-Deal RDA program was aimed at converting poor "sub-marginal" land to a better use, specifically outdoor recreation accessible from urban areas. Under the auspices of the National Park Service, forty-six Recreational Demonstration Areas were developed by the CCC on federally-owned land across the country. Some RDA projects involved expansion of National Parks, but most were built with state cooperation and intended to be turned over as state parks.

At Bear Brook, the land acquired by the federal government was mostly woodland, some of it burned over, with abandoned farms and only two families to be relocated. The 413 acre Bear Brook State Forest established in 1916 was included. The Bear Brook Civilian Conservation Corps (CCC) Camp established in 1935 carried out projects throughout the park over a seven year period. Today, Bear Brook has one of the most intact CCC camps in the country, with former headquarters, barracks, mess hall, education building, garage and workshop on Depot Road, a cul-de-sac south of Deerfield Road about a half mile from the park entrance.

Construction of the swimming and picnic area at Catamount Pond was a multi-year project. The man-made pond has a small sandy beach, with a stone dam downstream to the north on Bear Brook and a wooden footbridge upstream near the road. The Alderic O. Violette Pavilion (ALLE18) is a stone and timber-framed building with dressing rooms on the lower level and a picnic pavilion above. The pine trees along the northern side of the pond form a backdrop for the historic setting and screen the transmission line from view in this location. The beach opened in 1940. It was part of the day-use area including the group picnic shelter (ALLE62) on the opposite side of Deerfield Road, which has the same stonework and timber framing.

The two organized group summer camps, Bear Hill Pond Camp and Spruce Pond Camp opened in 1937 and 1939 respectively. They were typical of group camps in RDAs throughout the country. The fire tower erected on Bear Hill c.1939-40 stood until 1974. Bear Brook was transferred to the State of New Hampshire in 1943. At that time, it contained 6,436 acres. The Bear Brook Game Refuge was also established in 1943. Subsequent changes were the addition of a campground on Beaver Pond in Deerfield for tent camping, which increased in popularity during the Post WWII Period. The first twenty sites opened in 1949 and the campground was enlarged over time to around one-hundred sites.

Hiking trails were part of the 1935 design. Many originated as logging roads and discontinued local roads. The One Mile Trail and Bear Brook Trail are wooded trails along the valley of Bear Brook between the day use area and the eastern park entrance at Podunk Road, 0.8 mile and more south of the Project corridor.

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The Catamount Hill Trail, a 2+ mile loop off the One-Mile Trail, is a popular hiking trail and part of the original design. Catamount Hill offers scenic vistas, which are the only hilltop views in the park, although at 721' above sea level, it is the third highest peak. On the top of Catamount Hill, open ledge provides scenic views to the south, according to the Appalachian Mountain Club *Southern New Hampshire Trail Guide*. On the trail below the summit, views are afforded by small areas of semi-open ledge. Improvements to the scenic overlooks were recently carried out for an Eagle Scout project, including clearing and new benches nearby. The eastern view point is the main view, shown on the original 1930s Project Development Map. The focal point of the view is Saddleback Mountain, approximately nine miles to the east. The existing transmission line is in view at two isolated points; to the northeast, a short section of the line can be seen at a distance of about 1.2 miles and at the southeast edge of the view, it is barely visible, several miles away. The transmission line is more visible from the north viewpoint on a ridge just below the summit. The north view includes the Belknap Range in the distance and Concord and Mount Kearsarge to the northwest. The horizontal line of the transmission corridor is evident in the mid-ground, but existing structures are barely visible at a distance of over 1.2 miles.

The transmission line corridor passes directly through Bear Brook State Park, close to the northern edge in the northwest corner of the park. This area of land between Catamount Pond and the Suncook River became part of the State Park in 1965, when it was expanded west to take in unoccupied woodland and gravel pits, little used local roads and the former railroad corridor, as well as the PSNH ROW. The transmission line right-of-way is 150' wide and runs east-west 0.05 mile south of the park boundary and Epsom town line. The 115-kV transmission line was installed 1953-54, before becoming part of the State Park.

The straight north-south bed of the Suncook Valley Railroad is evident in the park, but is not maintained as a trail or shown on the trail maps. Only the abutments remain of the bridge over Bear Brook. The railroad was abandoned in 1952 and the tracks removed. It does not contribute to the historical significance of the park, not maintained as a trail or shown on trail maps although it is used informally. The 1965 acquisition included several buildings on Bombay Road, in an area of town isolated after the Bombay Bridge over the Suncook River came down in the 1950s or 60s.

The Black Hall Road Trail is the only maintained trail in the northern part of the park and is the only trail in Bear Brook that intersects the Project corridor. It is a woods road, not a significant hiking trail from the original design. Black Hall Road or River Road was a rural local road, the main road on the east side of the Suncook River between Allenstown and Epsom. When the park was created in the 1930s, the lower end of the road was rebuilt around it. When the boundary was enlarged in 1965, the gravel road was discontinued and gated at the south end of River Road in Epsom. It now serves as a back entrance to the park, but has no formal parking area. The Black Hall Road Trail is described in the Bear Brook State Park Trail Descriptions as a "little known trail," not connected to the larger trail network. It passes through wooded land with mixed wetlands and meadow. Controlled burns have been used to manage wildlife habitat. The existing 115-kV line is supported by wooden monopoles, ranging from 61' to 88' tall, 75' on average. A winding dirt-bike track has been created under the transmission line in the ROW corridor, which is cleared to approximately 120'. Looking east on the transmission corridor from the Black Hall Road Trail, five structures are in view, the closest one about 100' from the trail. Multiple structures are in view facing west from the trail.

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For more information see:

<http://pdfhost.focus.nps.gov/docs/NRHP/Text/92000632.pdf>

<http://pdfhost.focus.nps.gov/docs/NRHP/Text/04001327.pdf>

[https://www.nhdfl.org/library/pdf/Bear-BrookSP\\_MgtPlan\\_1994.pdf](https://www.nhdfl.org/library/pdf/Bear-BrookSP_MgtPlan_1994.pdf)

## II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

### a. Significance:

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

Various components of Bear Brook State Park have been previously listed in or determined eligible for the National Register of Historic Places. Other buildings might also be individually eligible. Bear Brook State Park as whole may be eligible for the National Register as a large historic district. It has potential significance under Criterion A in the Areas of Recreation and Conservation, as well as Politics and Government. Bear Brook State Park demonstrates landscape planning by the National Park Service. Elsewhere in the country, comparable large Recreational Demonstration Areas of thousands of acres are included in National Register listings. Bear Brook buildings also have significance for their rustic park architecture, typical of Depression-era CCC construction.

The Bear Brook CCC Camp was listed in the National Register of Historic Places in 1992 (#92000632). The Allenstown Meetinghouse was listed in 2004 (#04001327). It was inventoried as NHDHR ALLE0007 and is also listed in the New Hampshire State Register of Historic Places. Bear Hill Pond Camp in the southern part of the park was determined eligible for the National Register as a historic district by NHDHR in 2013.

Other buildings in the park could be individually eligible. The Alderic O. Violette Pavilion at Catamount Pond is an important resource and the closest building to the Project. The pond and dam, beach, parking area and surrounding area contribute to the site on the north side of Deerfield Road. The combination pavilion and bathhouse would be eligible for the National Register in the Areas of Recreation and as an excellent example of Depression-era rustic park architecture. The swimming beach was a major component of the state park and reflects trends in public recreation of the 1930s.

### b. Integrity:

*Is the area/district able to convey its significance through its physical appearance? Does the area/district appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Bear Brook State Park has changed over time, but retains the majority of original buildings and sites built by the Civilian Conservation Corps in the 1930s. The trail network includes a combination of

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CCC trails, old roads and more recently developed trails. The individual buildings such as the Catamount Pond Bathhouse and the nearby picnic shelter retain integrity of design, materials and workmanship. The wooded park retains integrity of setting and a sense of historic feeling. The park and its buildings convey historic associations with the CCC and public works of the New Deal.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

### **c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible area/district?*

The entire Bear Brook State Park could be considered eligible for the National Register of Historic Places as a large historic district. Its boundaries are identified on USGS maps and the park trail map. The northwest corner of the park was a later acquisition, part of the park for just fifty years now. The land was not included in the 1935 plans or CCC construction and does not contribute to the significance of the park for its Depression-era construction.

Components of the park may be individually eligible. The National Register-listed Allenstown Meetinghouse is on a rectangular lot, owned separately from Bear Brook State Park although surrounded by it. The CCC Camp Historic District National Register boundary encompasses the contributing buildings and nearly two acres.

The park boundaries and the boundaries of individual buildings and structures within the APE are shown on Project maps below.

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the area/district? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resources.**

**The Project will create a focal point that distracts from the appreciation of the historic resources.**

**The Project will be substantially visible in historically significant views from the historic resources.**

**The Project will isolate the historic resources from the historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

The Project will not create a focal point, or be substantially visible in historically significant views from this property or in the main public views of the contributing historic buildings and sites. There are only two locations in the vast park where the Project will be in view; from the Catamount Hill Trail just outside the APE for Historic Resources and on the Black Hall Road Trail.

Scenic views are not a defining characteristic of Bear Brook State Park buildings and sites, which are all in wooded areas. Tall pine trees are the most noticeable landscape feature. The primary scenic overlooks in the park are on Catamount Hill outside the APE for historic resources, over one mile from the Project with minimal potential views discussed below. Bear Hill, where there was previously a lookout tower, is over 2.3 miles south of the Project and has no maintained scenic vista on the wooded summit. The highest peak, Hall Mountain, is at the very southern edge of the park and has a southerly view.

The one historic building indicated by the viewshed mapping as having potential visibility of the Project is the Alderic O. Violette Pavilion at Catamount Pond. However, photosimulations by Terrance J. DeWan & Associates demonstrate that the proposed transmission line and its structures will be behind the tree line, hidden from view. The trees around the pond are 70'-90' tall pines and wooded

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hillside covers the intervening half-mile. The Project will not be in view from the beach or pavilion, from the footbridge and paths, or from Deerfield Road looking toward the pond and the historic building. A scenic view noted in the Allenstown Town Master Plan is the view from Catamount Pond looking away from the Project toward Catamount Hill rising to the south.

The Project will not be visible when viewing any of the historic buildings in the park or in views from any of the buildings. There is no view from the entrance toll booth on Deerfield Road or from the nearby park office (ALLE28), which is located in a pine grove. The picnic pavilion (ALLE62) in the Group Area is set back from the south side of Deerfield Road in a small clearing surrounded by pines, with no potential visibility of the Project. The Project will not be visible from within the CCC Camp Historic District (ALLE27) or when viewing the historic buildings. Due to selective cutting north of Deerfield Road, there is a potential for isolated views of the tops of proposed structures between the trees when facing away from the historic buildings from the intersection of Deerfield and Depot roads. The Bear Brook Office/Ranger Station (ALLE21) in the eastern part of the park on Podunk Road is about 0.75 mile south of the Project with no potential views of it. The Bear Brook Campground is over two miles from the transmission line, outside the APE. The sites are wooded and the scenic vista from the campground beach on Beaver Pond is to the south.

The Allenstown Meetinghouse (ALLE17), roughly 0.6 mile from the Project, is also ringed by pine forest so the Project will not be in view. A major tree planting campaign on burned-over land around the meetinghouse was carried out by the DAR and the CCC in 1940. None of the small cemeteries within the State Park have scenic views or any potential view of the Project. The granite quarry site on the northwest side of Catamount Hill is more than one mile from the Project and does not have historically significant views.

The Project will not be visible from the One Mile Trail or the Bear Brook Trail, which parallel the southern edge of the APE. The trails are wooded and the brook provides the scenery. Archery Pond, which lies just outside the APE, is ringed by pines and has a hill on the north side that would block any view in the direction of the Project. Similarly, the archery range in the field and woods east of the pond has no potential views.

The scenic overlooks on the Catamount Hill Trail, south of the APE for Historic Resources, are the one location where the Project will be minimally visible in a scenic view as identified by Project visual consultants Terrence J. DeWan & Associates. The east viewpoint is the main view, a panoramic view, in which the Project will be visible at two isolated points, approximately 1.3 to two miles away, covering only a few degrees of the overall viewshed. At that distance, the new structures will be small relative to other features in the landscape. The north overlook faces north-northwest where the Project is 1.25 miles or more away. Recent understory growth partially blocks the view in leaf-on conditions. The focus is on the distant hills. The structures of the new 345-kV line will range from 110' to 130' tall. Project design utilizes weathering steel monopoles in Allenstown to minimize the visual effect on the State Park. The tops of between two and six new structures and conductors will be visible in the mid-ground of the view. Seen from above, they will be silhouetted against a wooded background. Additional clearing along the southern edge of the ROW will not expose more of the corridor to view from this elevation. Vegetation in the foreground will still screen most of the new transmission line from view.

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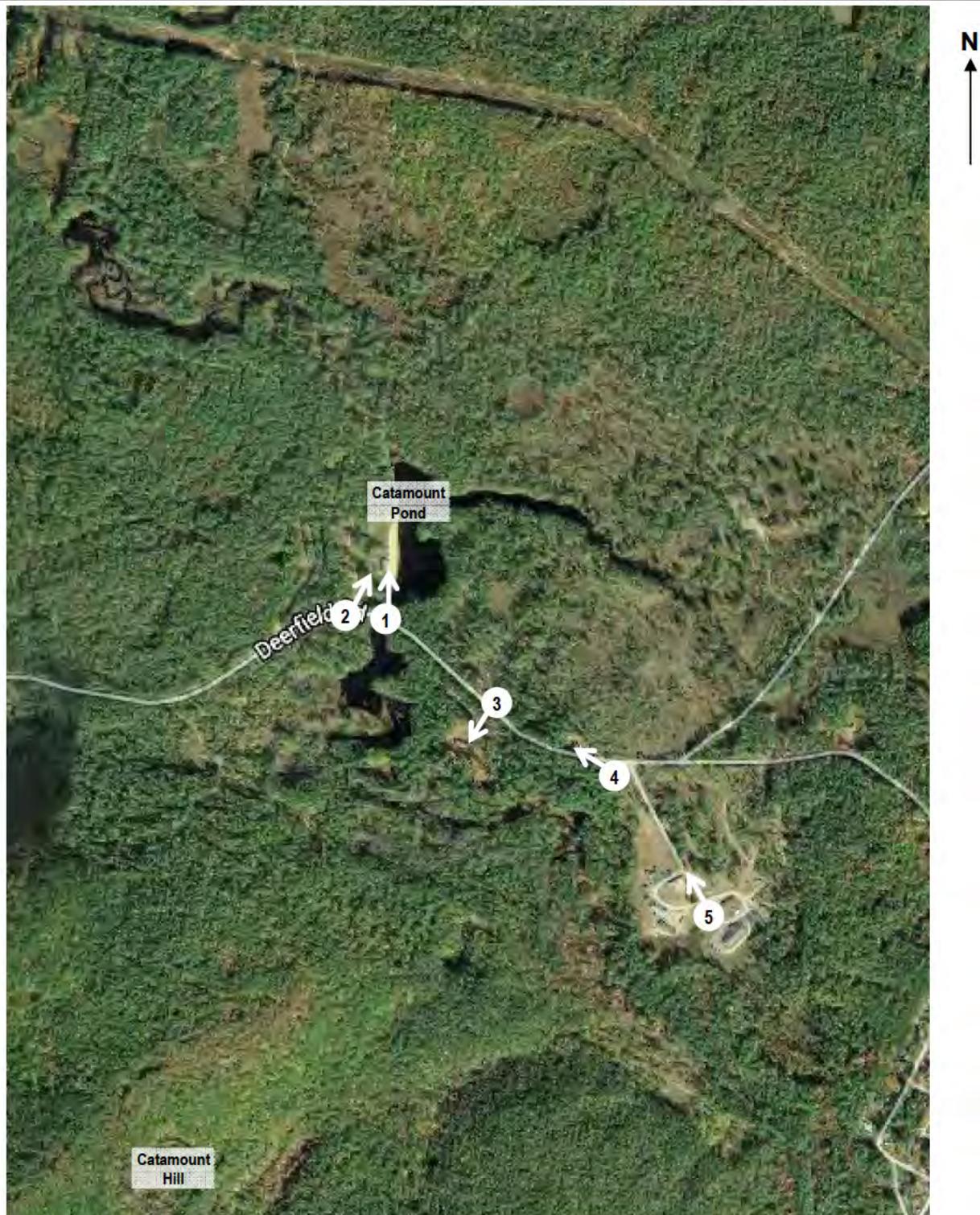
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The one location in Bear Brook State Park directly affected by the Project is the Black Hall Road Trail which passes under the transmission line near the northern edge of the park. There are no historically significant views or historic buildings. This area of the park does not contribute to its significance for the 1935 to 1943 period. The existing transmission line was in place before the land became part of the park in 1965. The Project will not affect a scenic view on the Black Hall Road Trail, because the cleared transmission line corridor with dirt tracks under it already defines the views in the vicinity. According to the Visual Impact Assessment by Terrence J. DeWan & Associates, the proposed transmission line will only be in view on the trail within 200' on either side of the cleared ROW due to the wooded setting of the trail. This is less than three percent of the mile-long trail. The Project will not be in view from the trail crossing of Bear Brook. It would be visible from off the trail in the open meadow to the west, but this is not a significant viewpoint. The 345-kV line will be located in the existing 150' right-of-way, with 10'-20' of clearing required. Weathering steel monopoles will be used to reduce the contrast in color and form with the trees that line the corridor.

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#### IV. SUPPORTING MATERIALS



Key to Photos 1-5 [2014 Google Earth]

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Photo 1) Footbridge and Catamount Pond Bathhouse, looking north toward Project location from Deerfield Road [2014 Field Photograph: IMG\_4138]



Photo 2) Catamount Pond Bathhouse facing north-northeast [2014 Field Photograph: IMG\_4139]

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Photo 3) Picnic pavilion, facing southwest [<http://www.nhstateparks.org/explore/outings-events-in-the-park/pavilions.aspx>]



Photo 4) Allenstown Meetinghouse prior to completion of 2013 restoration, facing north-northwest [2012 Google Street View]

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1909 photo after restoration by the Daughters of the American Revolution, from *Allenstown Meetinghouse Historic Structure Report*, James L. Garvin 2007 [[www.nh.gov/nhdhr/publications/documents/allenstownmeeting\\_hsr.pdf](http://www.nh.gov/nhdhr/publications/documents/allenstownmeeting_hsr.pdf)]



Photo 5) CCC Camp buildings, facing northwest toward Deerfield Road [2012 Google Street View]

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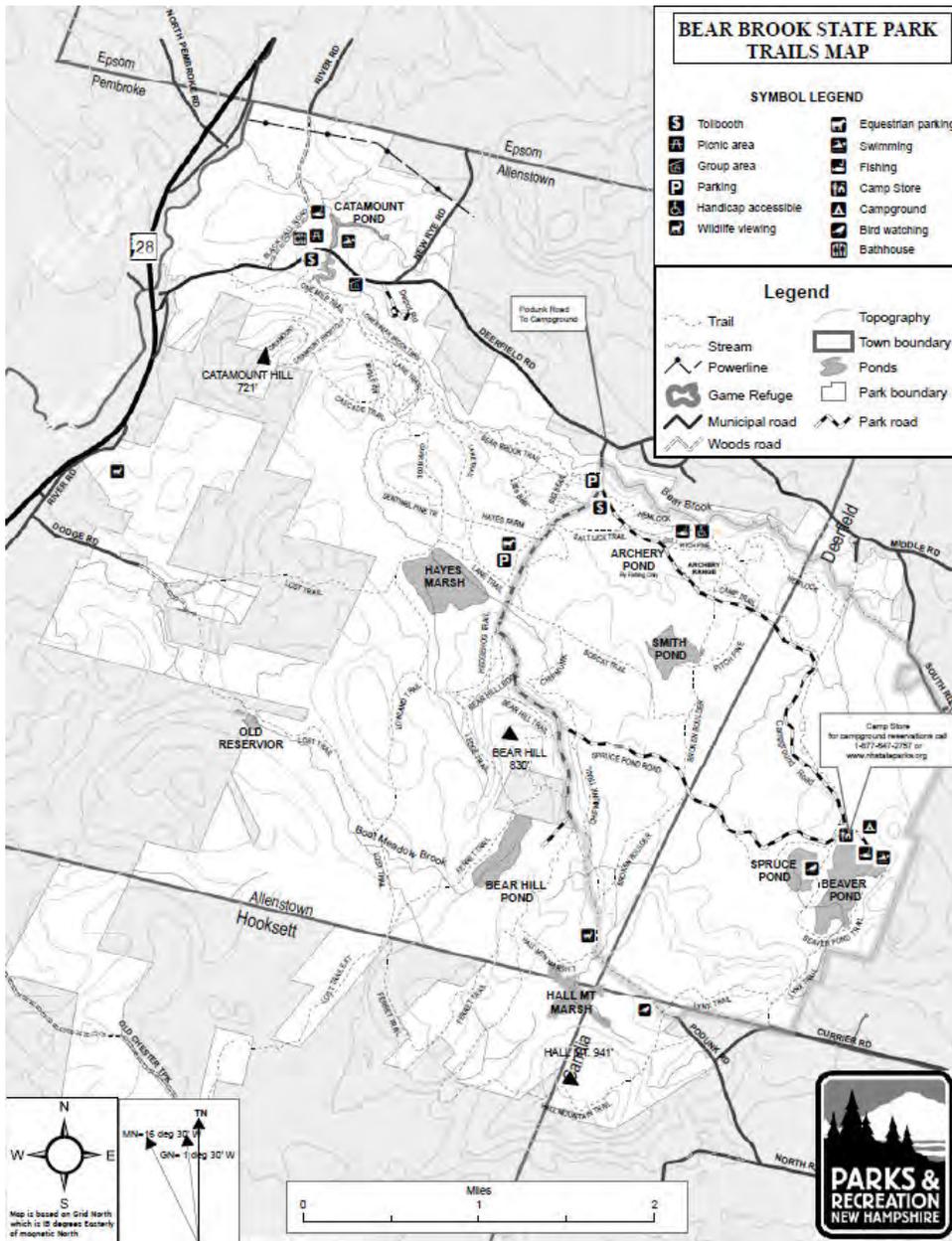


Project Development Plan for Bear Brook from *The History of East Allenstown New Hampshire and Bear Brook State Park*, by Carol Martel, 2003

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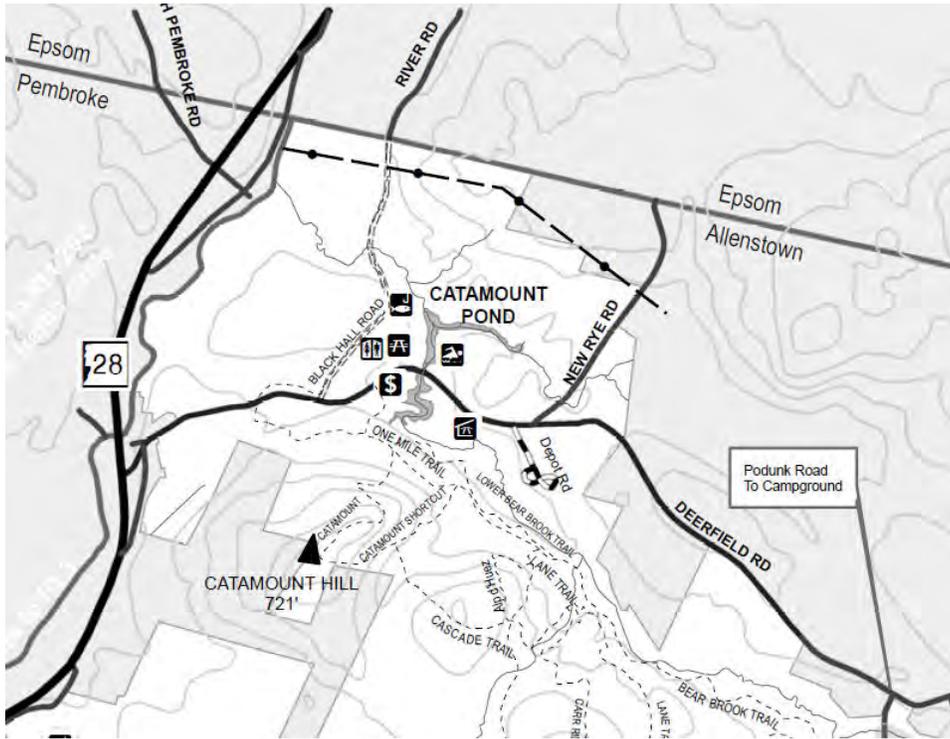
Property Name/Addresses: Bear Brook State Park, Allenstown, NH



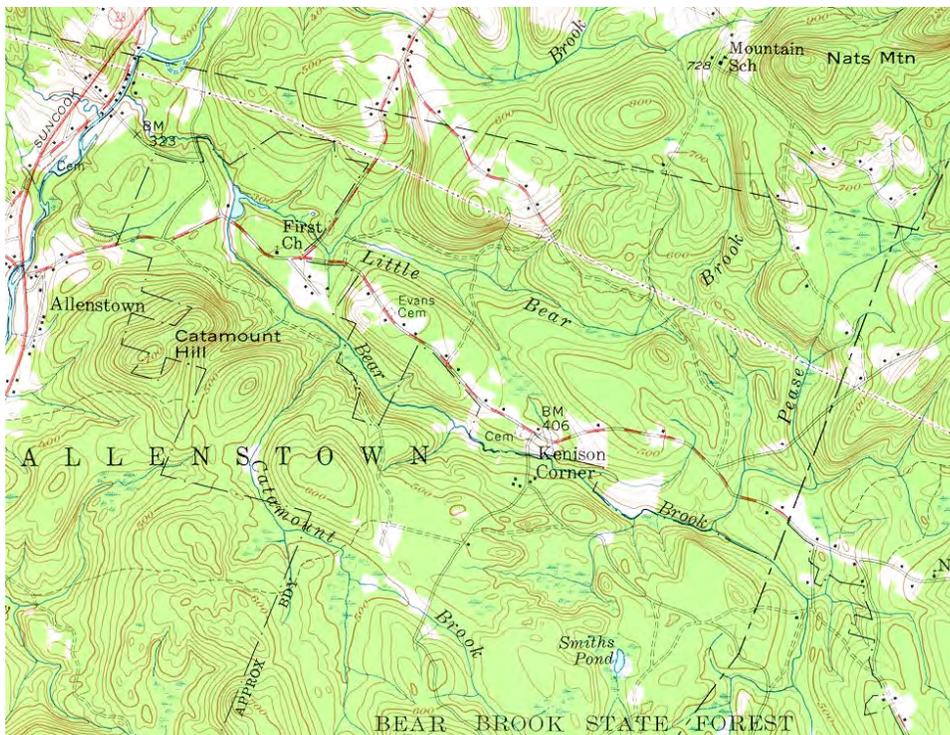
Bear Brook State Park Trail Map [<http://www.nhstateparks.org/explore/state-parks/bear-brook-state-park.aspx>]

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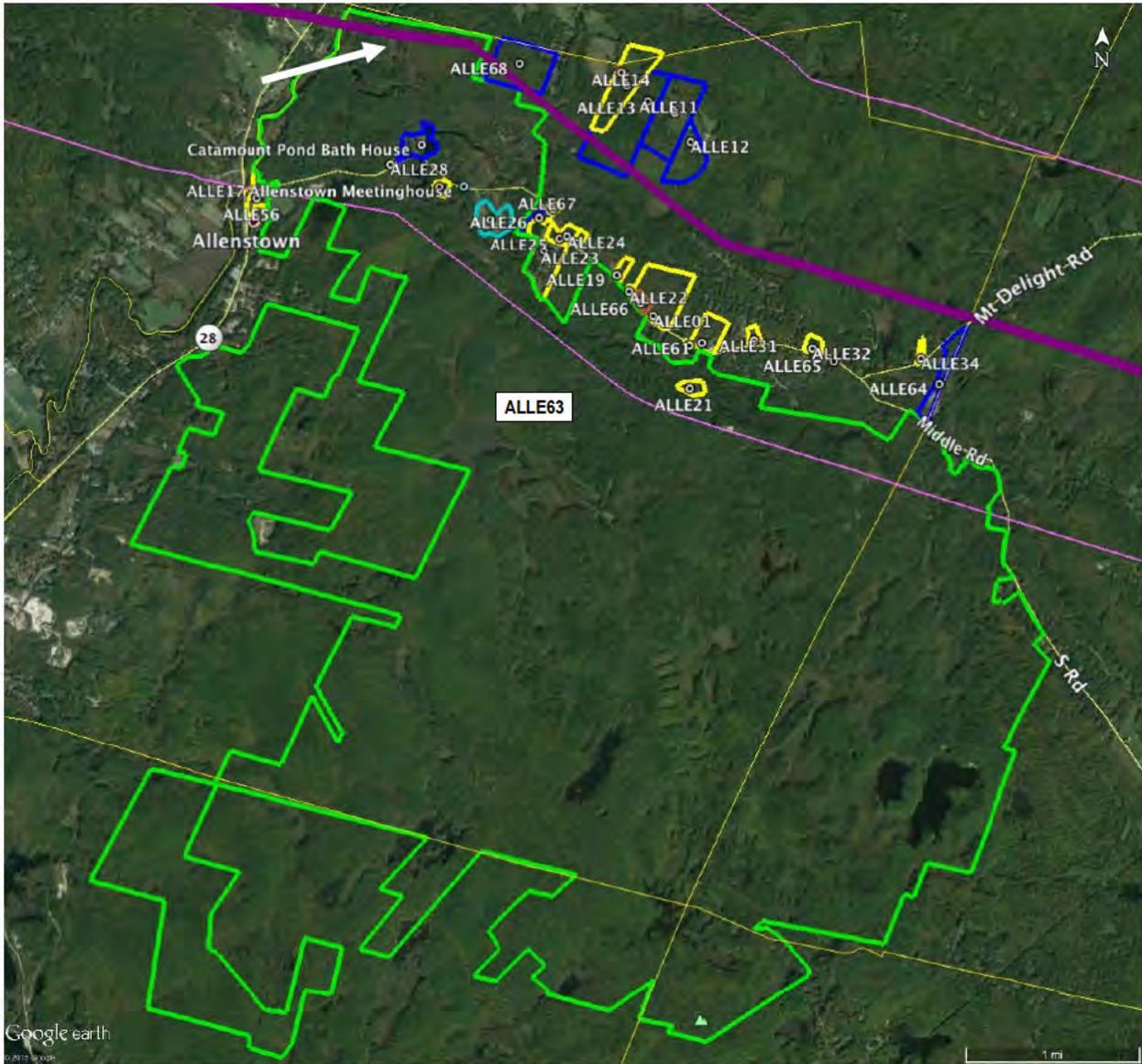
Detail of APE



1956 USGS Map showing original State Park boundaries [<http://docs.unh.edu/NH/sunc57se.jpg>]

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The transmission line passes through the northern edge of Bear Brook State Park.

It crosses the Black Hall Road trail as marked by white arrow. The nearest building, the Catamount Pond Bathhouse is approximately 0.55 mile south of the line, outlined in bright blue.

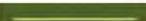
*Historic Resource Assessment*

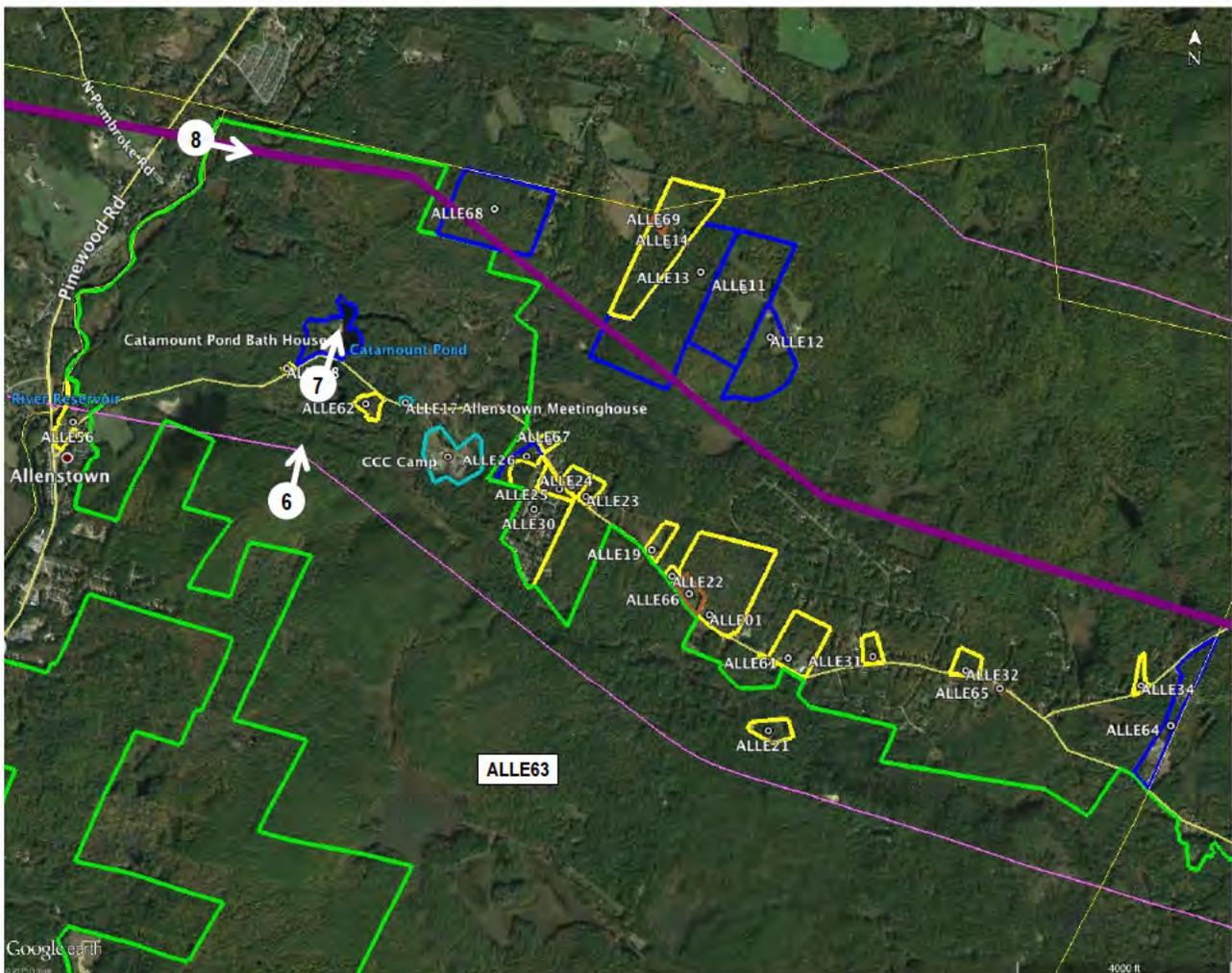
Property ID: ALLE63

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**Map Key**

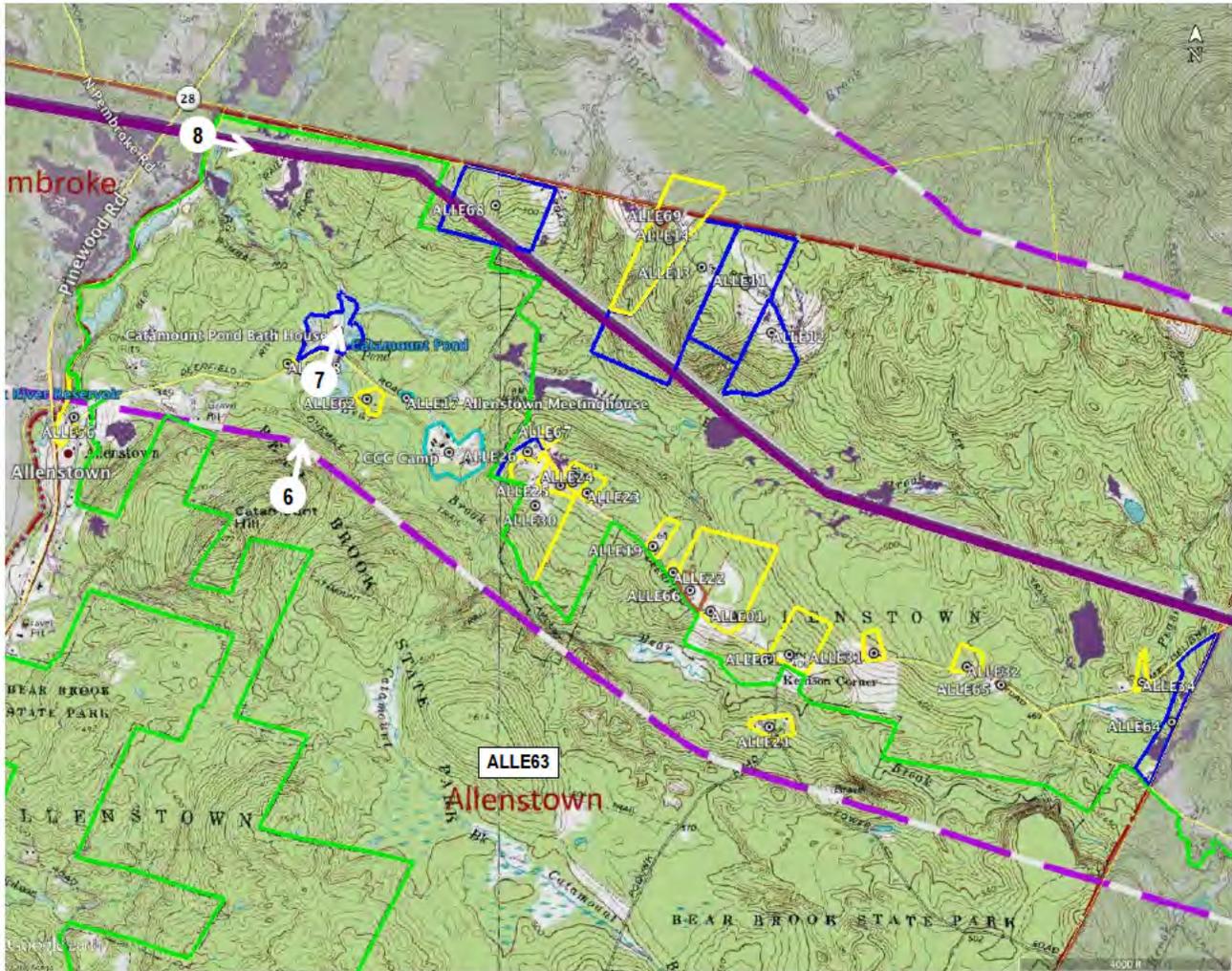
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



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Viewshed map showing ALLE63, Limit of APE for Historic Resources - - - - - and Project ————

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Photo 6) Catamount Trail north viewpoint, facing north showing existing transmission line corridor approximately 1.2 miles distant [2014 Terrence J. DeWan & Associates]

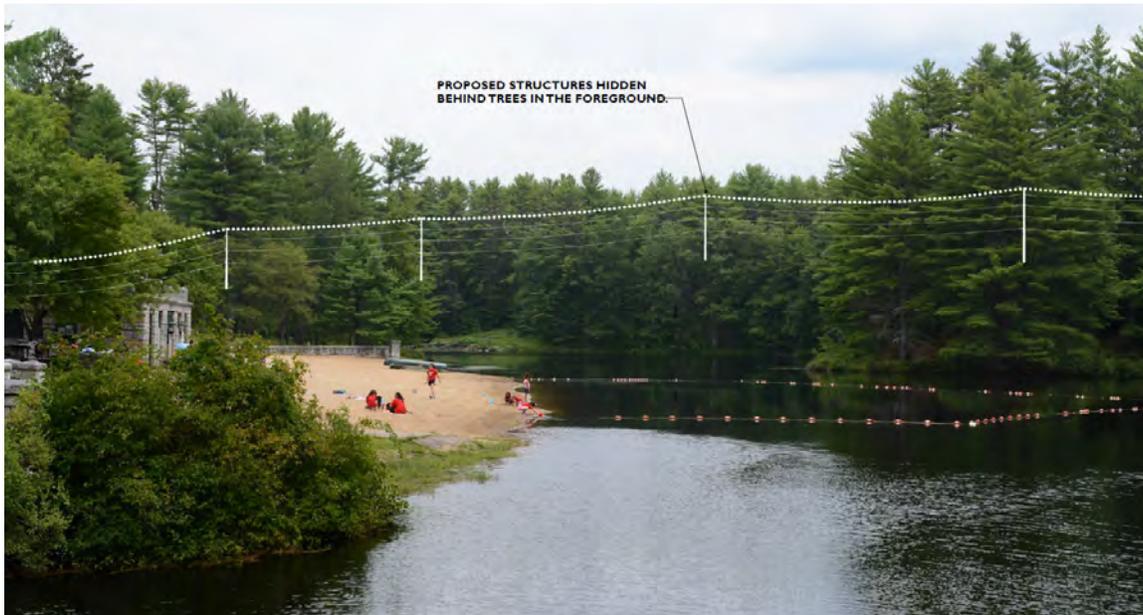


Photo 7) Catamount Pond facing north-northeast toward the Project [2014 Field Photograph: IMG\_4140]

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Visual simulation of Catamount Pond facing north [Terrence J. DeWan & Associates]



Photo 8) Transmission line corridor facing east from Suncook River through Bear Brook State Park [2014 Terrence J. DeWan & Associates]

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Aerial view, facing west, showing transmission line corridor-Black Hall Road Trail crossing [Terrence J. DeWan & Associates]

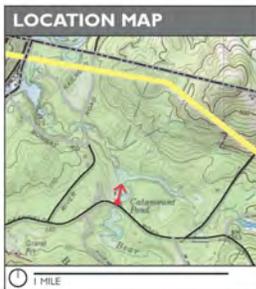


**CATAMOUNT POND - BEAR BROOK STATE PARK, ALLENSTOWN**

DIAGRAMMATIC PHOTOSIMULATION (STRUCTURES NOT VISIBLE)



Footbridge over Catamount Pond.



TECHNICAL INFORMATION			
TRANSMISSION LINE		EXISTING	PROPOSED
	115-kV structure type	Wood Monopole (not visible)	Existing to remain
	Height range of visible 115-kV structures	61 - 88 feet (not visible)	Existing to remain
	345-kV structure type	N/A	Weathering Steel Monopole (not visible)
	Height range of visible 345-kV structures	N/A	110 - 145 feet (not visible)
Right-of-way width	150 feet	150 feet	

PHOTOGRAPH	Date and time:	7/31/2014 at 1:26pm	Location:	43.162979° N, -71.385680° W	Viewing Direction:	North
	Distance to visible structures:	0.62 - 0.67 mile	Number of transmission structures visible in the photosimulation:	0		
	Camera Focal length (50mm equivalent):	35mm	Camera Make/Model:	Nikon D7100		
			Photo Source:	TJD&A		

**NOTES**

**GENERAL NOTES**  
Simulation is based upon preliminary design plans. Structure design and location will be finalized during the detail design and permitting process.

**PHOTOSIMULATION PRODUCTION**  
By Terrence J. DeWan & Associates. Published July 23, 2015.

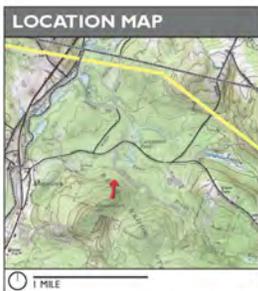
**VIEW DESCRIPTION**  
View from the footbridge across narrowest point in Catamount Pond, adjacent to Deerfield Road. The existing and proposed structures are behind trees in the foreground and will not be visible from the pond.

**CATAMOUNT TRAIL SCENIC VIEWPOINT - BEAR BROOK STATE PARK, ALLENSTOWN**

EXISTING CONDITIONS: PANORAMA



Bench at scenic viewpoint on Catamount Hill Trail.



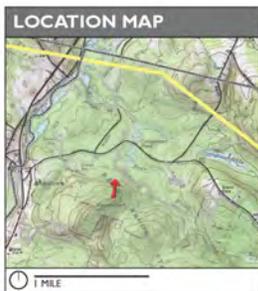
TECHNICAL INFORMATION			
TRANSMISSION LINE		<b>EXISTING</b>	<b>PROPOSED</b>
	115-kV structure type	Wood Monopole	Existing to remain
	Height range of visible 115-kV structures	61 - 88 feet	Existing to remain
	345-kV structure type	N/A	Weathering Steel Monopole
	Height range of visible 345-kV structures	N/A	110 - 145 feet
	Right-of-way width	150 feet	150 feet
PHOTOGRAPH	Date and time: 7/31/14 at 12:40pm	Location: 43.155753° N, -71.389330° W	Viewing Direction: North
	Distance to visible structures: 1.17 to 1.21 miles	Number of transmission structures visible in the photosimulation: 3	
	Camera Focal length (50mm equivalent): 35mm	Camera Make/Model: Nikon D7100	Photo Source: TJD&A

NOTES
<b>GENERAL NOTES</b> Simulation is based upon preliminary design plans. Structure design and location will be finalized during the detail design and permitting process.
<b>PHOTOSIMULATION PRODUCTION</b> By Terrence J. DeWan & Associates. Published July 23, 2015.
<b>VIEW DESCRIPTION</b> View from a scenic viewpoint on the Catamount Hill Trail near the summit of Catamount Hill in Bear Brook State Park.

**CATAMOUNT TRAIL SCENIC VIEWPOINT - BEAR BROOK STATE PARK, ALLENSTOWN**  
 PHOTOSIMULATION: PANORAMA



Bench at scenic viewpoint on Catamount Hill Trail.



TECHNICAL INFORMATION			
TRANSMISSION LINE		<b>EXISTING</b>	<b>PROPOSED</b>
	115-kV structure type	Wood Monopole	Existing to remain
	Height range of visible 115-kV structures	61 - 88 feet	Existing to remain
	345-kV structure type	N/A	Weathering Steel Monopole
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NOTES
<b>GENERAL NOTES</b> Simulation is based upon preliminary design plans. Structure design and location will be finalized during the detail design and permitting process.
<b>PHOTOSIMULATION PRODUCTION</b> By Terrence J. DeWan & Associates. Published July 23, 2015.
<b>VIEW DESCRIPTION</b> View from a scenic viewpoint on the Catamount Hill Trail near the summit of Catamount Hill in Bear Brook State Park.

**CATAMOUNT TRAIL SCENIC VISTA - BEAR BROOK STATE PARK, ALLENSTOWN**  
EXISTING CONDITIONS: NORMAL VIEW



**VIEW NOTE**  
When printed on 11x17" paper, viewer should hold this image approximately 17" from eye to replicate actual view.

**CATAMOUNT TRAIL SCENIC VISTA - BEAR BROOK STATE PARK, ALLENSTOWN**  
PHOTOSIMULATION: NORMAL VIEW



**VIEW NOTE**

When printed on 11x17" paper, viewer should hold this image approximately 17" from eye to replicate actual view.



# Northern Pass Project Historic Resource Assessment

## *Town Summary*

### EPSOM

#### *Summary of Historic Resources and Effects*

Only a small part of the APE for Historic Resources falls over the southern edge of the town of Epsom; the transmission line itself runs through northern Allenstown. No historic resources with potential adverse visual effects from the Project were identified in Epsom. Within a mile of the line in Epsom, there are twenty-five (25) individual properties more than fifty years old and three (3) multiple property groupings, one on the very edge of the APE. No historic resources will have substantial views of the proposed transmission line and no historic resource assessment forms were prepared. A few properties have possibly intermittent, minimal and isolated or distant (1+ mile) views of the Project from their open land, but not from the vicinity of historic buildings. Properties in the APE include a number of late eighteenth century farmhouses and nineteenth century dwellings, some with agricultural outbuildings and land. Several small family and neighborhood cemeteries are in the area, but none with the Project in view. Epsom contains many Ranch type houses from the 1950s-60s period and a large number of late twentieth century dwellings.

#### *Previous Historic Resources Documentation*

There has been no previous historic resources survey within the APE in Epsom. Individual buildings and historic districts on US Route 4 were documented for the I-393 highway project in the early 1990s, but Route 4 is over four miles north of the Project. The Epsom Town Hall listed in the NH State Register is located on Route 4/Dover Road outside the APE with no visibility of the Project, as is the one National Register listed property in town, the Charles S. Hall House.

#### *Geographical and Historical Context*

Epsom is a rural town on the eastern edge of Merrimack County, east of Concord. Settlement is concentrated on both sides of the Suncook River, and on US 4/202, known as Dover Road, which passes east-west through town over four miles north of the project area.

The north-south Suncook Valley Road/NH 28 parallels the west side of the river between US 3 and US 4. Black Hall and River Road are on the east bank. The former Suncook Valley Road also paralleled the river.

#### *History of the Transmission Line and Existing and Proposed Structures*

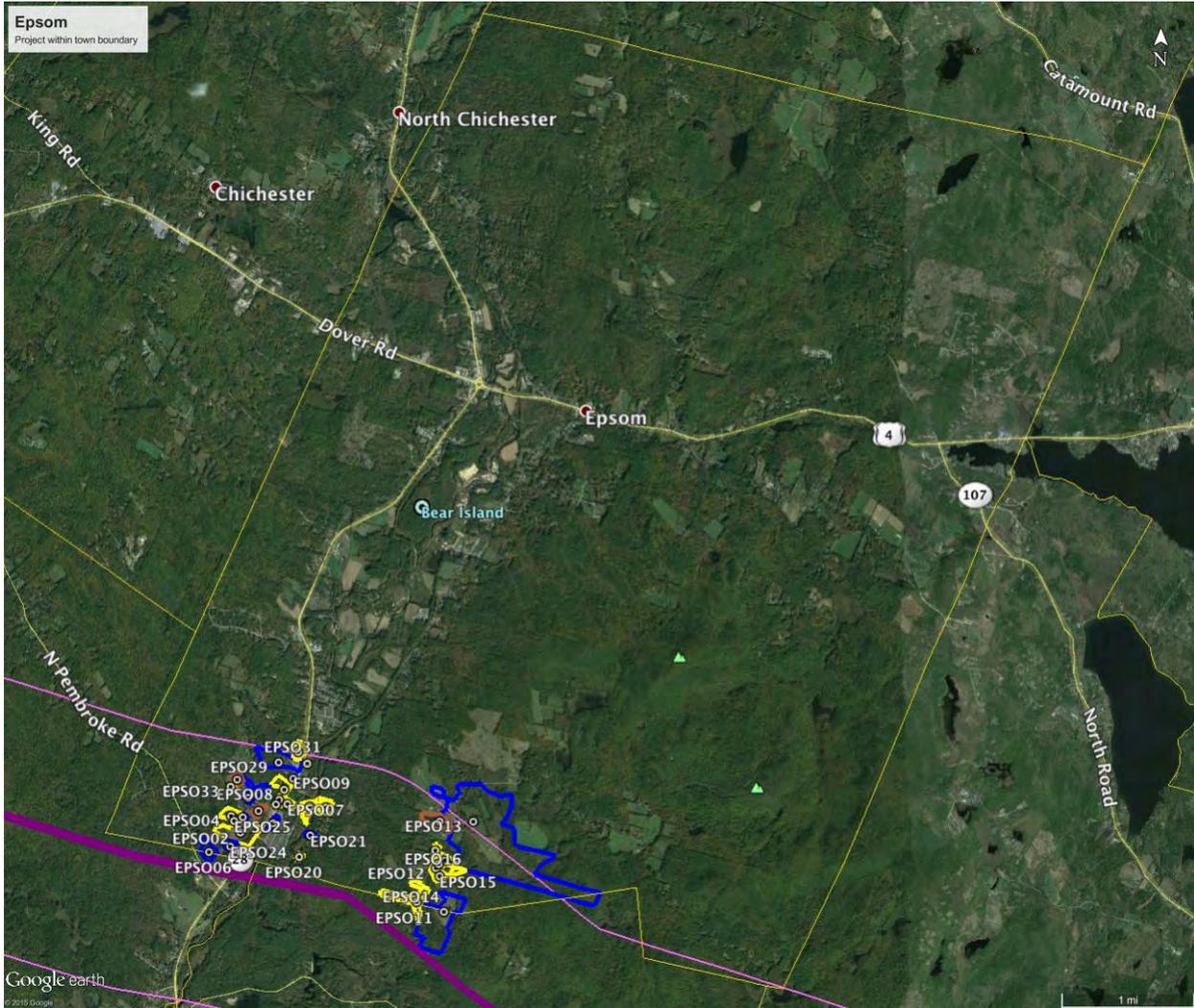
The PSNH transmission line over the border in Allenstown originated c.1953 according to deeds, historic aerial photos and PSNH sources. The existing structures range from 47.5' to 88' feet tall. The proposed structures in Allenstown will range in height from 110' to 160', but viewshed mapping and site visits confirmed that they would not be visible from locations associated with historic resources.

*Route Description*

The Project parallels the southern town line in Allenstown. Within the APE in Epsom are rural properties on New Rye Road, including a cluster of buildings at the Allenstown line and a potential agricultural historic district of eight eighteenth and nineteenth century properties on New Rye and Wing Roads, most of which are more than one mile from the transmission line. They include open fields, but surrounding wooded hilly terrain prevents potential views of the Project, which is sited at a lower elevation. Viewshed maps indicate it could be visible from the open land, but not from the vicinity of any historic buildings. Several properties on wooded River Road have no potential views of the Project.

West of the Suncook River 50+ year old buildings are located on Suncook Valley Road/NH 28, Martin Hill Road and Fowler Road in the southwest corner of Epsom north of the Project. There are no points of visibility of the Project in relation to historic buildings. There are no potentially historic buildings on North Pembroke Road. One eighteenth century house is located on Martin Hill Road along with several ranches. It includes open land, but mostly on the far side of the hill from the Project. Fowler Road has a similar mix of old and mid-twentieth century houses with open land, but no views of the Project due to the intervening hill. Suncook Valley Road properties include a mix of new buildings and 1950s-60s houses, none with historically significant views.

Mapping – Project within Town Boundary Map

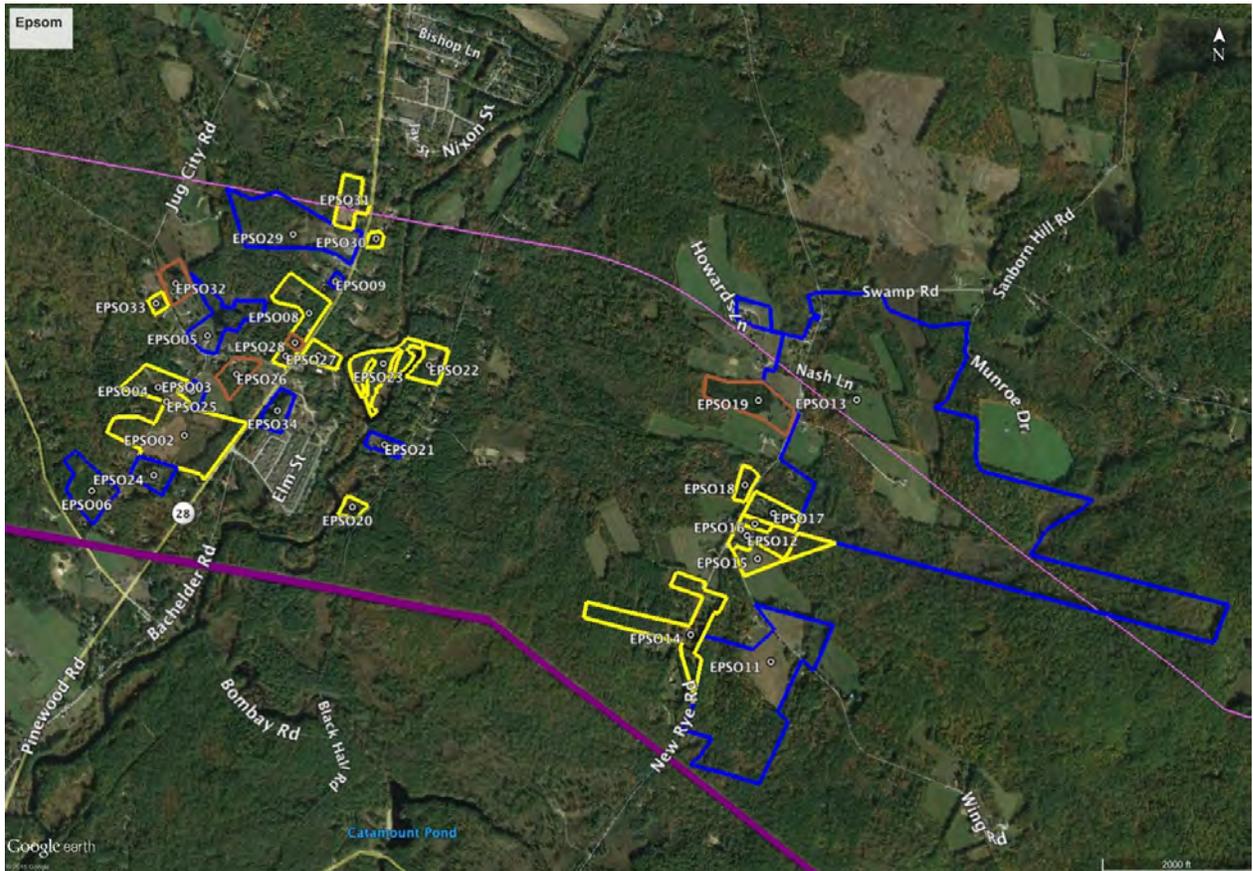


Map Key

Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)		
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	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

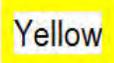
Mapping – Overall Project Map



**Northern Pass Project Historic Resource Assessment**  
*Table of Historic Resources*

**EPSOM**

**Key to Categories**

 Yellow	Properties with no views of the Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible
 Green	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion



Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Epsom	59 Martin Hill Road	EPSO02	43.180588	-71.396459	S		c.1780 Cape with center chimney. Two outbuildings, 21 acres open fields.			Viewshed maps and field review indicate the Project will not be visible from this location. Property has scenic view to east-northeast. Project is to the south.
	Epsom	29 Martin Hill Road	EPSO03	43.178892	-71.398069	S		c.1960 Ranch type house on 2 acre parcel.			The house is oriented toward view to the north away from Project. Viewshed map indicates Project could potentially be visible indirectly, facing to the east from the open land in front, but on the ground, any possible view appears to be blocked by trees. Project not visible in view of house from road, which is in opposite direction.
	Epsom	38 Martin Hill Road	EPSO04	43.180433	-71.397229	S		ca. 1960 Ranch, seven outbuildings including dog kennels, 5.55 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	2 Fowler Road	EPSO05	43.182581	-71.395596	S		c.1794, 2-story Federal period house with Italianate bay windows added. 10 acres irregular shaped parcel, open around house, woods and pond to northeast. 1.5 acres with garage subdivided.			Viewshed maps indicate potential isolated views of the Project from open land in the side and back yards. The house and the public view from the road face away from the Project. There are no historically significant views. The property is approximately 3/4-mile northeast of the transmission line. Visibility of the Project would be minimal due to multiple intervening properties with modern homes and wooded varied terrain.
	Epsom	98 Martin Hill Road	EPSO06	43.176852	-71.399827	S		ca. 1950 Ranch house. 8.13 acre parcel, at Epsom-Pembroke town line.			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	126 Suncook Valley Highway (Route 28)	EPSO07	43.182197	-71.389983	S		c.1951 house, 1 1/2 stories, on 2.2 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	125, 133 Suncook Valley Highway (Route 28)	EPSO08	43.182952	-71.389726	M		c.1962 mobile homes with additions			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	161 Suncook Valley Highway (Route 28)	EPSO09	43.184769	-71.388106	S		c.1958 remodelled Ranch, new siding, windows, doors, on 0.59 acre lot.			Viewshed maps show an isolated distant view of the Project from this property. The Project would not be visible in the public view of the resource and the view from the house does not contribute to any historical significance.
	Epsom	73 Wing Road	EPSO11	43.170701	-71.364275	S		c.1774 cape with center chimney, 9/6 windows, wing and shed. 8.9-acre parcel with fields on north side of Wing Road in Epsom. 44.0 acres open land on the south side of road in Allenstown.			The transmission line runs east/west to the south of the Allenstown parcel. Viewshed maps indicate intermittent views of the Project from the field south of the road across from the house. Project not visible from road due to its lower elevation and intervening wooded terrain. There are no views from the vicinity of the historic buildings. The public view of the resource from the road faces in the opposite direction.
	Epsom	5 Wing Road	EPSO12	43.174854	-71.36772	S		c.1794, 2 1/2 story, Federal style house on a 6.18 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	238, 229, 241, 266, 289 New Rye Road; 30 Nash Lane; 8, 65 Baybutt Road; 34 Howard Lane	EPSO13	43.179819	-71.364255	M	New Rye Historic Area	Rural historic hamlet. 238 New Rye Road: c.1834 cape on a 7.91 acre parcel. 229 New Rye Road: c.1851 building on 2 acres. 241 New Rye Road: c.1850 house on 2 acres. 266 New Rye Road: c.1793 building on a 1.59 acre parcel. 289 New Rye Road: New Rye Church. 30 Nash Lane: c.1750 house on 82.07 acres. 8 Baybutt: c.1850 house on 97 acres. 65 Baybutt: c.1930 building on a 61.00 acre parcel. 34 Howard Lane: c.1800 building on 3.63 acres.			New Rye is located on the northern edge of the APE. There are isolated potential views of the Project from open hilltop locations in the area. The views would be distant; the transmission line is a mile away. All but the very top would be behind the treeline and blocked by the hilly terrain. The views from the buildings do not contribute to the agricultural historic significance of the area. The Project would not be visible in public views of the historic buildings from the road.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Epsom/ Allentown	432, 429, 421, 405, 402 New Rye Road Epsom, 89 New Rye Road Allentown	EPSO14	43.172392	-71.369498	M	North Allentown Area	Area of 6-7 houses at town line. Various dates includes 19th century farmhouses. 89 New Rye Road (c.1890) small cabin with outbuilding and family cemetery; 432 New Rye Road (c.1800) Cape on 10.59 acres; 429 New Rye Road (c.1844) 1 house with additions on 1.59 acres; 421 New Rye Road (c.1894) Sidehall with additions on 1 acre; 405 New Rye Road (c.1854) Cape with additions on 0.94 acre; 402 New Rye Road (c.1800) farmhouse with enclosed porch on 2 acres			Viewshed maps and field review indicate the Project will not be visible from this area. Due to its much lower elevation, roughly 0.2 to 0.25 mile to the southwest, the Project is entirely behind the tree line.
	Epsom	11 Wing Road	EPSO15	43.174473	-71.367206	S		c.1894 Sidehall on 2.08 acres plus adjacent 4.57 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	357 New Rye Road	EPSO16	43.175716	-71.366904	S		c.1844 Cape on 1.19 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	345 New Rye Road	EPSO17	43.176504	-71.366202	S		c.1850 Cape on 5.3 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	350 New Rye Road	EPSO18	43.176743	-71.367025	S		c.1894 high-posted Cape on 2.4 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	294 New Rye Road	EPSO19	43.179926	-71.365136	S		c.1967 Ranch, new siding, windows and entries replaced, on 11 acre parcel			Not yet fifty years old. This house is oriented toward the scenic view to the west where the Project is located about 0.9 mile away. There are potential distant views of the Project.
	Epsom	378 River Road	EPSO20	43.176219	-71.387513	S		c.1954 Raised Ranch on 2 acre parcel along the river			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	352 River Road	EPSO21	43.178605	-71.385827	S		c.1958 house on 2.29 acre parcel, set back from road near riverfront			Viewshed maps indicate possible views from the open space on the property, but the house and parcel are surrounded by trees except on the north side, making views of the Project to the south unlikely. Both sides of the riverbank south toward the Project are heavily wooded.
	Epsom	276 River Road	EPSO22	43.181642	-71.383477	S		c.1964 Ranch on 4.5 acre parcel, set back from road, open riverbank to north.			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	274 River Road	EPSO23	43.182498	-71.384607	S		c.1954 Gambrel-roof cabin on 8 acre parcel within the river			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	83 Martin Hill Road	EPSO24	43.177439	-71.397769	S		c.1945 Ranch, set back from road on 4.2 acre parcel.			Viewshed maps indicate possible views of the Project from the rear of the property, looking south, away from the house, but new tree growth has occurred in this area. No view of Project from house due to tree cover. House not visible from road.
	Epsom	Martin Hill Road	EPSO25	43.180243	-71.39714	S		small family cemetery, overgrown, fieldstone wall			Viewshed maps and field review indicate the Project will not be visible from this location. Project is behind tree line to the south. View to east has large new equestrian building.
	Epsom	23 Drolet Road	EPSO26	43.181601	-71.393315	S		c.1968 Cape with attached garage on 4.3 acre parcel			Not yet fifty years old. Viewshed maps show isolated possible views from the rear yard, but the parcel and home are surrounded by trees. Views unlikely
	Epsom	4 Drolet Road	EPSO27	43.181703	-71.391138	S		c.1965 mobile home with additions on 1.46 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	123 Suncook Valley Highway/NH 28	EPSO28	43.182485	-71.390366	S		c.1967 mobile home on 0.69 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Epsom	181 Suncook Valley Highway/NH 28	EPSO29	43.186368	-71.388081	S		19th century cape with enclosed front porch, center chimney rebuilt, vacant, on 24 acre parcel, commercial garage			Viewshed map indicates possible views from the open parking lot to the south of the house, but property is almost 1 mile away from Project. Views unlikely. Project not in view of building from the road.
	Epsom	192 Suncook Valley Highway/NH 28	EPSO30	43.186377	-71.38647	S		c.1961 Cape with attached garage on 0.91 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	209 Suncook Valley Highway/NH 28	EPSO31	43.187699	-71.387101	S		c.1964 Ranch on 5.11 acre parcel, edge of one-mile APE			Viewshed maps and field review indicate the Project will not be visible.
	Epsom	38 Fowler Road	EPSO32	43.184415	-71.396803	S		c.1968 Ranch on 4.02 acre parcel			Not yet fifty years old. Viewshed maps show possible views from the backyard, property is 3/4 mile from the Project.
	Epsom	35 Fowler Road	EPSO33	43.183976	-71.397691	S		c.1965 Ranch on 1.08 acre parcel			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Epsom	90 Suncook Valley Highway/NH 28	EPSO34	43.180044	-71.391578	S		c.1947 cape with asymmetrical "storybook" facade on 3.7 acre parcel			Viewshed maps indicate the Project will not be visible from the house, but potentially from the corner of the property. The house is oriented to the northwest and the Project is to the south. The Project will not be visible when the house is viewed from the road facing east.



# Northern Pass Project Historic Resource Assessment

## *Town Summary*

### PEMBROKE

#### *Summary of Historic Resources and Effects*

In Pembroke, the Project's 6.2 miles of overhead transmission line would be constructed in existing rights-of-way. Preservation Company identified a total of ninety-eight (98) single and five (5) multiple resource groupings more than fifty years old within the APE one mile on either side of the Project in Pembroke. Most are small single-family houses on variously sized lots. The majority are twentieth century houses in the Cape Cod and Ranch-style forms. Older houses range in date from the late eighteenth through the nineteenth century. There are a number of farm properties, but few historic farmhouses retaining large tracts of associated land. Five small public cemeteries are located within the two-mile APE.

Due to the hilly, wooded terrain and the extent of new development within the last fifty years, the Project will be visible to relatively few historic properties in Pembroke. Six (6) individual properties and one (1) multiple property grouping with potential views of the Project were documented on Historic Resource Assessment forms. Of these, five (5) individual properties might be eligible for the National Register of Historic Places.

There is one property potentially eligible for the National Register of Historic Places that is potentially adversely affected by the Project in Pembroke: the Montminy Farm and Country Store on the corner of North Pembroke Road and Route 28 (PEMB37).

#### *Previous Historic Resources Documentation*

There are no properties in the APE in Pembroke previously listed in the National Register of Historic Places. Historic resources survey has focused elsewhere in town, on Pembroke Street and in Suncook Village, three to four miles south of the Project.

A Suncook Village Historic District NHDHR Area Form was completed in 2001 for the Allenstown-Pembroke Route 3 Project. The Suncook Village Commercial-Civic Historic District was National Register listed in 2004. The Pembroke Mill or Emerson Mill and the Noyes Block within Suncook were listed individually on the National Register in the 1980s.

The Buck Street Island Historic District, which is about 1.1 miles south of the Project on the Suncook River just outside the APE, was documented on a NHDHR Area Form and determined eligible for the National Register in 2010. Since that time, though, the two dams that defined the area have been removed. There is no potential view of the Project from that location on the Pembroke-Allenstown line, in any event.

The *Pembroke Town Master Plan* Historic and Cultural Resources Chapter includes a thorough historical background and architectural history of the town ([http://pembroke-nh.com/plan\\_master.asp](http://pembroke-nh.com/plan_master.asp)). A few specific properties and sites in the APE are identified in the master plan, such as the Bachelder Farm at 710 Bachelder Road (PEMB32) about 0.4 mile south of the Project. Of the several small cemeteries within the APE, only the Buck Street Cemetery (PEMB90) has potential visibility of the Project.

*Geographical and Historical Context*

The 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH includes historical background and historic contexts for Pembroke and the surrounding region.

Pembroke is located east of the Merrimack River on the southeast side of Concord. The community was historically agricultural with an industrial center at Suncook Village. Following rapid growth during late twentieth century, Pembroke now has a population of over 7,000. The town contains a large number of mid to late twentieth century houses along all of the older roads. There is some ongoing agriculture in Pembroke, but subdivision encroaches on any former rural historic districts. There are several stables and horseback riding facilities, which are a recent use of the farm land.

The town is bordered on the southeast by the Suncook River, on the southwest by the Merrimack River and on the west by the Soucook River. NH 106, locally known as Sheep Davis Road, is a south-north road on the western border of town, crossing the Soucook River into Concord. NH Route 28 or Pinewood Road passes south-north along the eastern edge of town parallel to the Suncook River. Pembroke's Main Street, Pembroke Street, is the route of US 3/Daniel Webster Highway up the eastern bank of the Merrimack.

Pembroke was laid out as a range township and the existing local road pattern is defined by the straight, parallel range roads, roughly aligned with the Merrimack River. Pembroke Street, Fourth Range Road, Sixth Range Road and North Pembroke Road, formerly Eighth Range Road, are range roads. The linear town center is spread out along Pembroke Street/US Route 3, which has buildings from all periods of the town's history including many Ranch houses from the 1950s-60s. The older properties are concentrated near Church and Academy streets. Pembroke Street was part of the Chester Turnpike established in 1804. The railroad corridor along the Merrimack River was a branch of the Concord Railroad built in 1861 and abandoned in 1943. Pembroke Street was a streetcar route from 1902 to 1927 and was improved in the early 1900s as the Merrimack Valley trunk line highway, becoming the US Route 3 in 1926.

Suncook Village at the Suncook/Merrimack confluence and the border with Allenstown is the commercial and population center of both towns. The Suncook River was the location of industries from the 1730s to the 1950s, with a peak in the late nineteenth century. South of the river in Allenstown is the junction of US 3 with NH 28, which parallels the Suncook River. Route 28 in Allenstown was rebuilt in 1955 on the bed of the Suncook Valley Railroad that operated from 1869 to 1952.

Buck Street was an early road up the western bank of the Suncook River from Suncook Village toward Epsom. The upper end of Buck Street was bypassed by reconstruction of Route 28 in the 1950s and became Bachelder Road. A bridge has connected Pembroke with Allenstown since the mid-1700s. A small industrial center developed at East Pembroke near the Buck Street Bridge and the Allenstown Railroad Depot at the edge of the APE.

North Pembroke Road varied slightly from the range line to follow the ridge. North Pembroke is a rural neighborhood between a mile and 1.5 miles from the Project, with isolated older properties and many new homes. Borough Road, the main north-south road on the eastern side of the Soucook River, originated as a cross-range road, but is now defined by

mid-twentieth century houses. Sheep Davis Road/NH 106 crosses the Soucook to Concord Plains.

### *History of the Transmission Line in Pembroke and Existing and Proposed Structures*

The existing PSNH ROW between Pembroke Junction and Deerfield dates from c.1953-54. North of the v-shaped angle at Pembroke Junction toward Concord, a power line was in place c.1929 and the 265' ROW dates from 1950.

The north-south corridor is 265' wide and contains two existing 115-kV lines supported by wooden monopole and H-frame structures, ranging in height from 41' to 97' tall. The east-west corridor is a 150' wide ROW with a single 115-kV line, with structures ranging from 42' to 79' in height.

The proposed 345-kV line will be constructed within the existing right-of-way. The new 345-kV structures will range in height from 60' to 145'. In the north-south corridor, the eastern 115-kV line will remain in place and the western line will be moved west, with the new 345-kV line in the center. Some clearing of vegetation will be required. The relocated 115-kV line will be supported by structures ranging from 50' to 110' tall. In the east-west corridor, the existing line will be relocated to the north and the new line built alongside it to the south. The relocated east-west 115-kV line will be supported by structures ranging from 60' to 130' in height.

### *Route Description*

The Project is 6.2 miles long in Pembroke, passing east-west through the middle of town, turning south-north at Pembroke Junction on the west edge of town.

Historic resources in the APE are concentrated on Bachelder Road and Route 28 where the transmission line corridor spans the Suncook River from Allenstown. Bachelder Road is an area of former riverside camps and cottages (PEMB35) and the farm for which the road is named (PEMB32), none of which have substantial views of the Project in relation to historically significant buildings.

At the south edge of the APE, Thompson Road, formerly part of Buck Street, has a mix of nineteenth century and 1950s-60s houses none with potential views of the Project. Farther south, Buck Street retains an area of open cultivated farm land, with extensive twentieth century residential infill. There are several good examples of connected farm complexes, with eighteenth century farmhouses, nineteenth century ells and large barns.

On the west side of NH 28, the Project corridor directly crosses the Montminy Farm (PEMB37) and the proposed transmission line will be in view when the historic buildings are seen from Route 28 or North Pembroke Road.

For over 1¼ mile, the Project passes through unsettled wooded land parallel to the northern town line. It crosses the end of Sixth Range Road where the isolated buildings have no potential views of the line. The Project intersects Cross Country Road in an area of c.2000 houses on wooded lots. A group of historic farms on Cross Country Road at the northern edge of the APE is separated from the Project by nearly a mile of wooded hills. North Pembroke, on Eighth Range Road and North Pembroke Road north of the APE, has no potential views of the Project according to viewshed mapping.

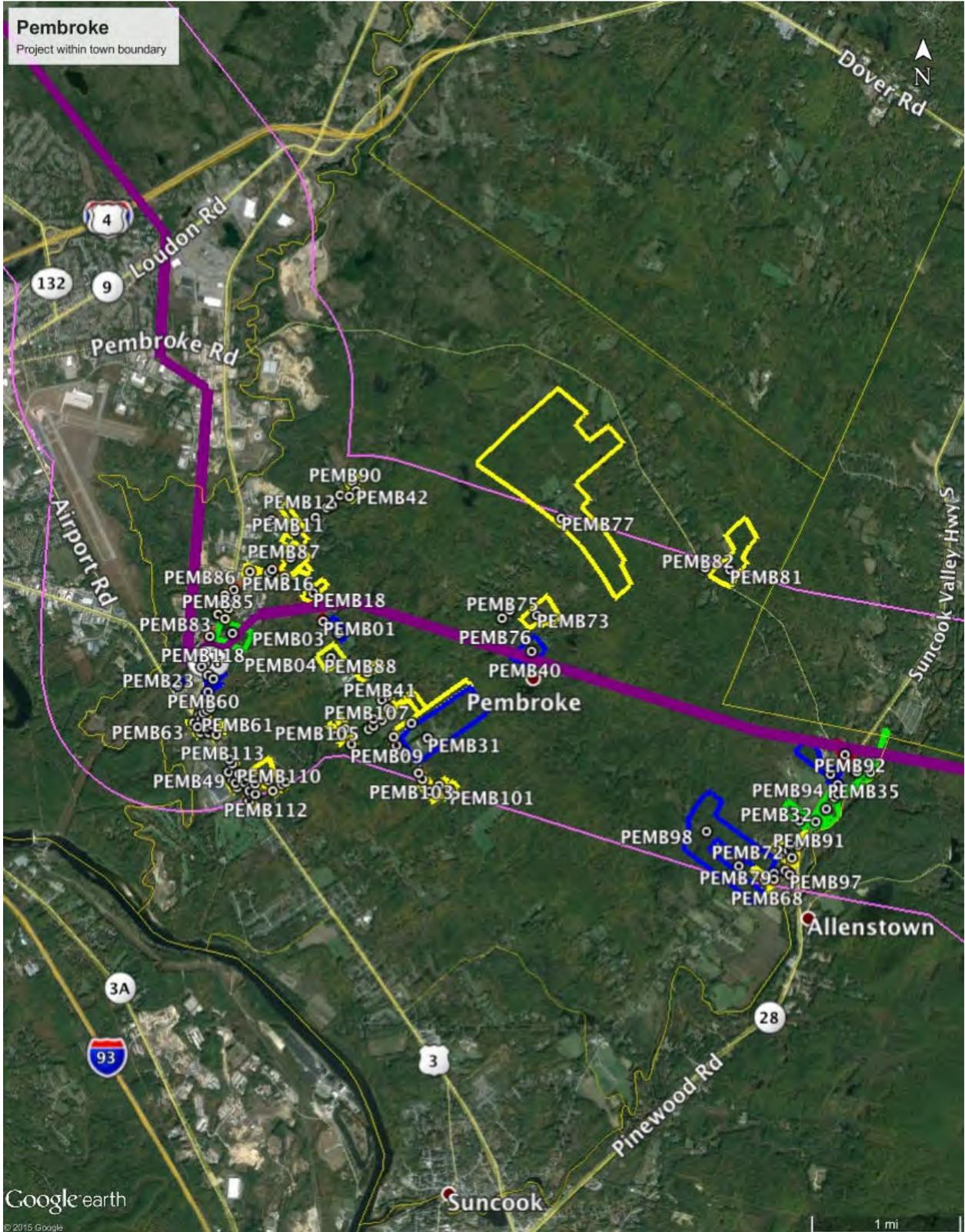
The transmission line corridor passes north of Pembroke Hill to cross Fourth Range Road near its northern end. The historic Fourth Range Road ridge farms on Pembroke Hill are within one mile of the Project, but separated by hilly wooded land with no potential views of the Project. The historic range land division patterns remain evident in the landscape of square open fields, but the isolated eighteenth and nineteenth century farmhouses are surrounded by mid to late twentieth century residences. Horse stables continue an agricultural land use, but the buildings are less than fifty years old.

Where the Project crosses Fourth Range Road, trees prevent views from all but one property. The potential effect on the Colonial Revival style Cape at 621 Fourth Range Road (PEMB01) will be avoided by Project design for plantings to screen it from view. Other Fourth Range Road properties have no potential views of the Project due to trees and elevation change. There are no views from Borough Road at the northern edge of the APE.

On Pembroke Street, about twenty-five 50+ year old buildings are located between a mile and a third of a mile south of the Project, which will not be visible. These include a few eighteenth and nineteenth century buildings and mid-twentieth century houses. An equal number of houses are less than fifty years old. Pembroke's new school complexes are set back from the west side of the road. The mid-twentieth century Pembroke Pines Country Club lies just outside the APE, with no potential views of the Project evident in the field or viewshed mapping.

The east-west transmission line corridor crosses NH 106/Sheep Davis Road on the western edge of Pembroke, 0.45 mile north of the US 3/Pembroke Street interchange. The Project follows the north-south transmission corridor north of the Pembroke junction. It parallels the west side of Route 106, which is an area of late twentieth century industrial/commercial development on the outskirts of Concord. There are several isolated older farmhouses, but no integrity of setting due to the large new buildings with parking lots, and the existing transmission lines.

Mapping – Project within Town Boundary Map

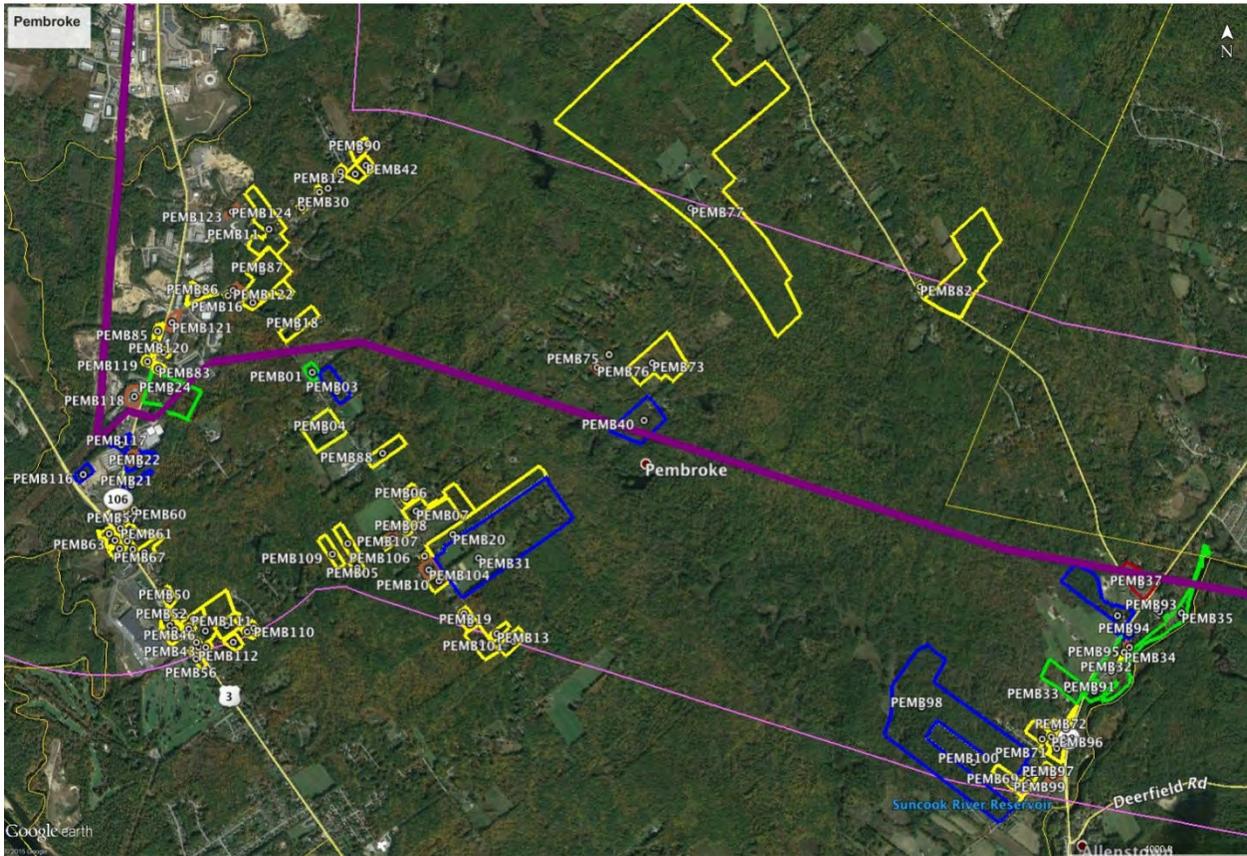


Map Key

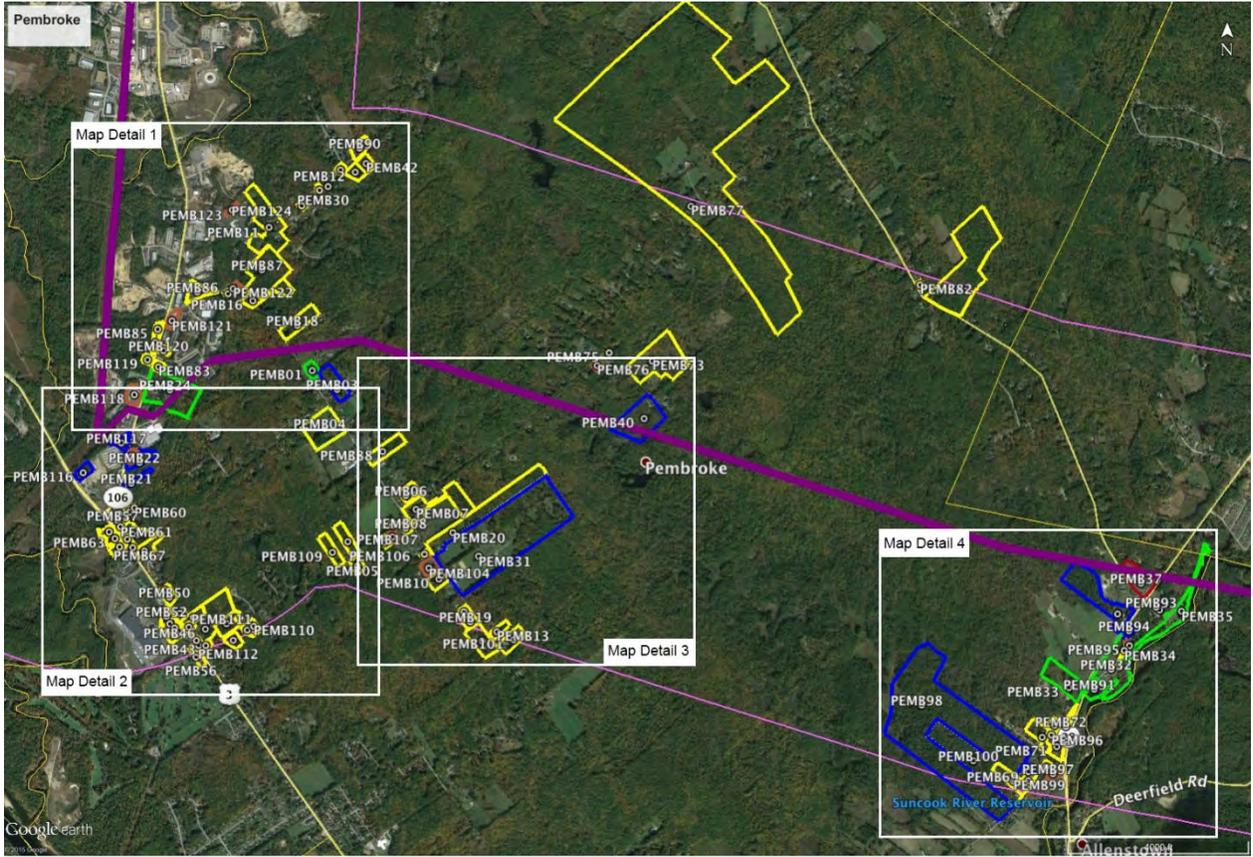
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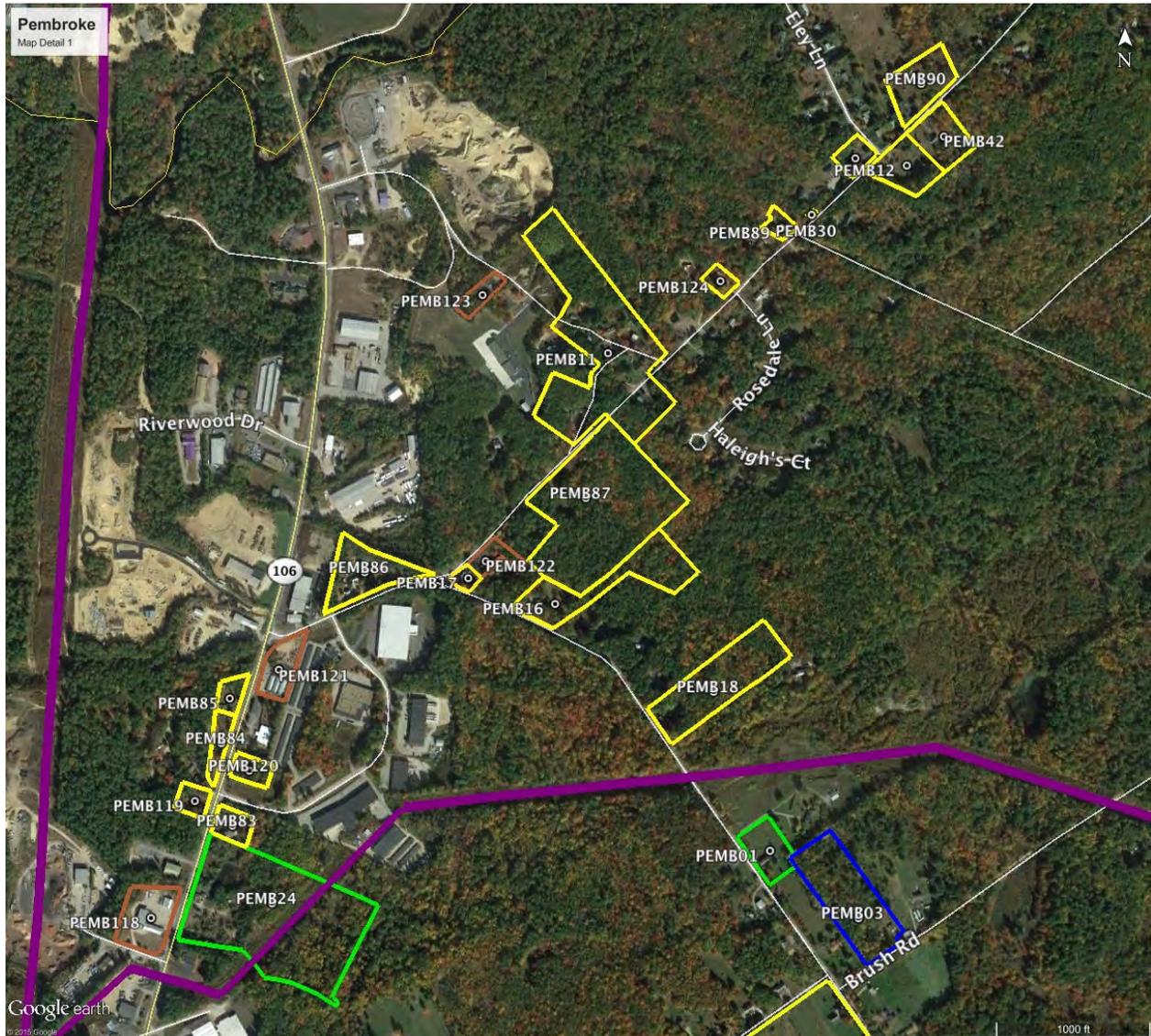
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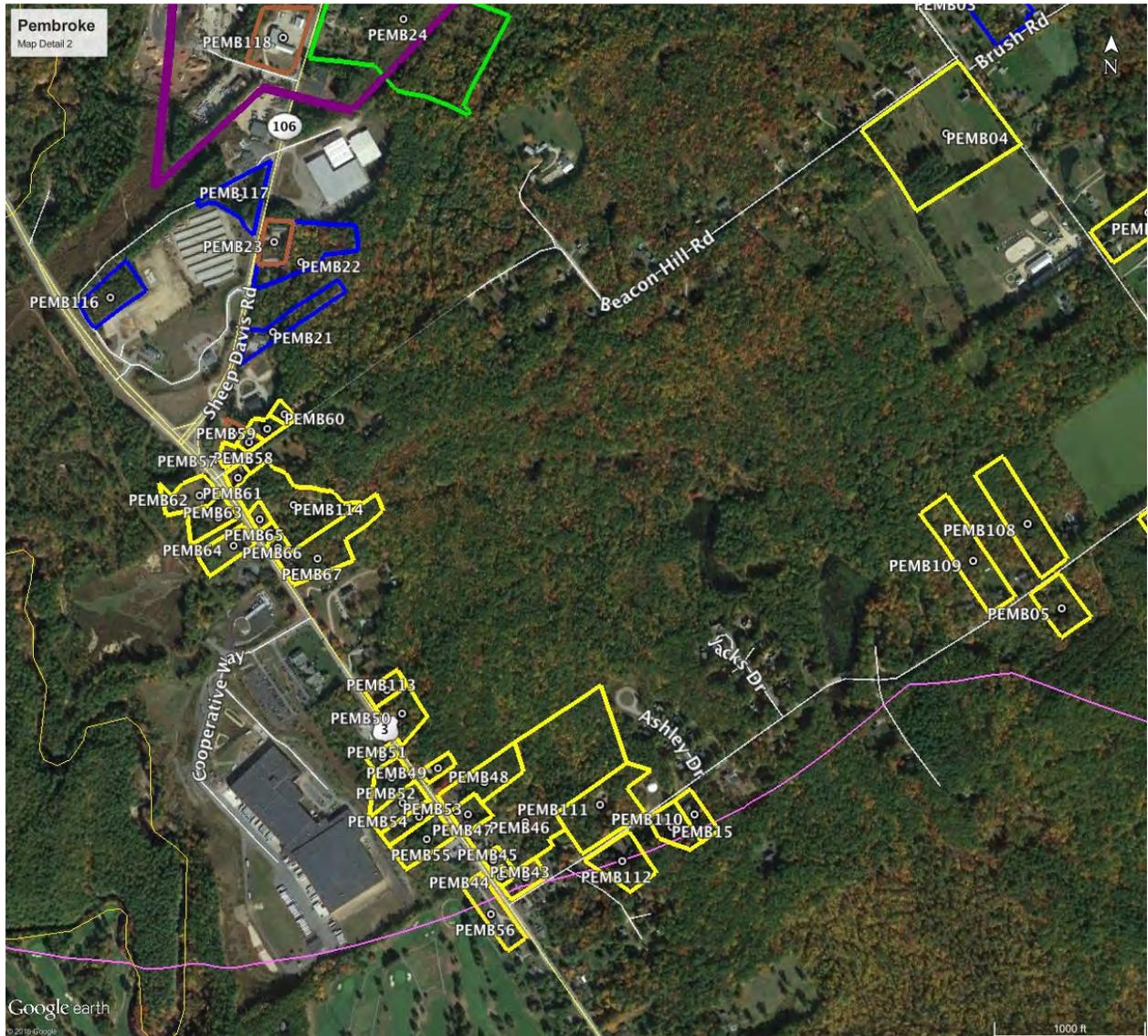


Mapping – Key to Detail Maps



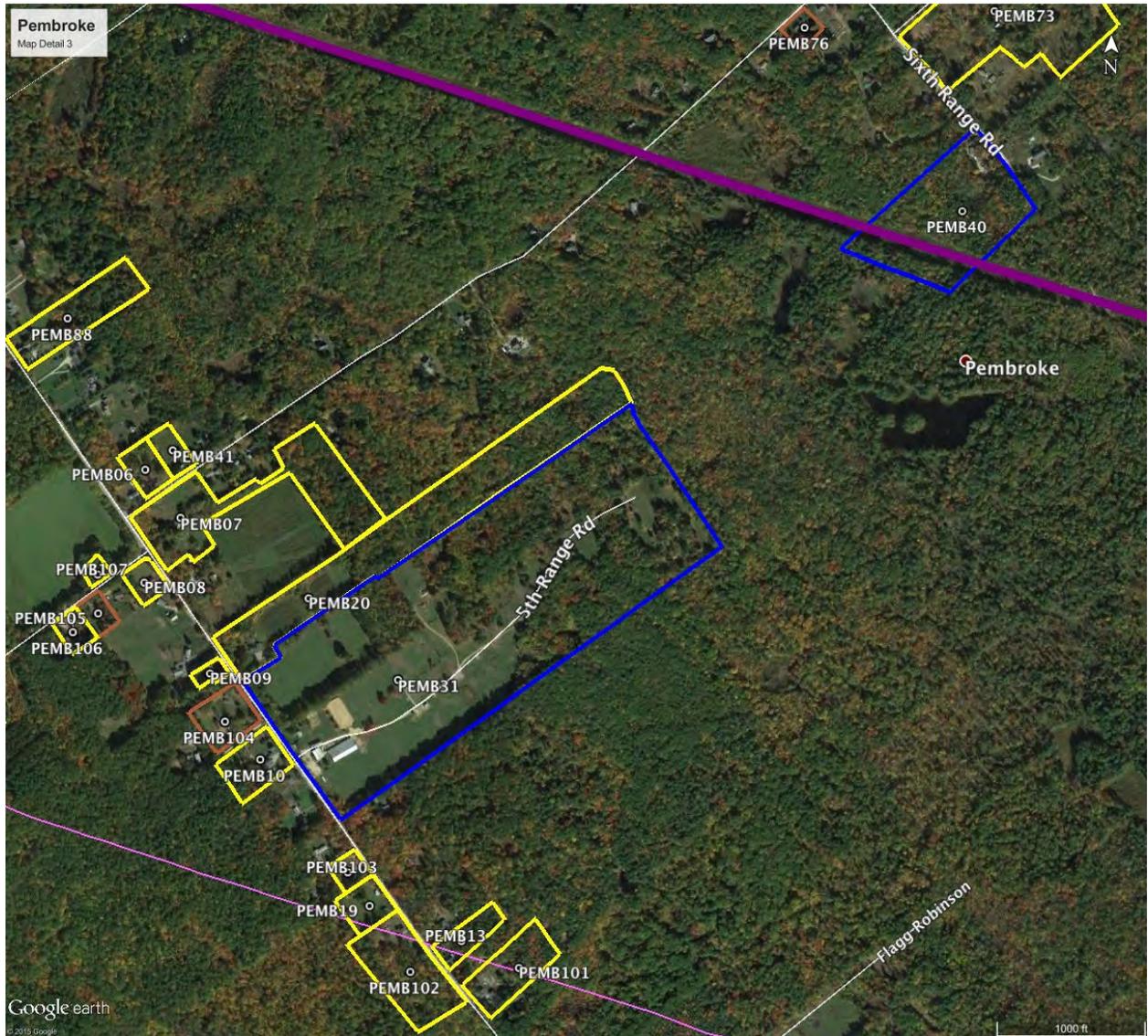
Mapping – Detail Maps from West to East





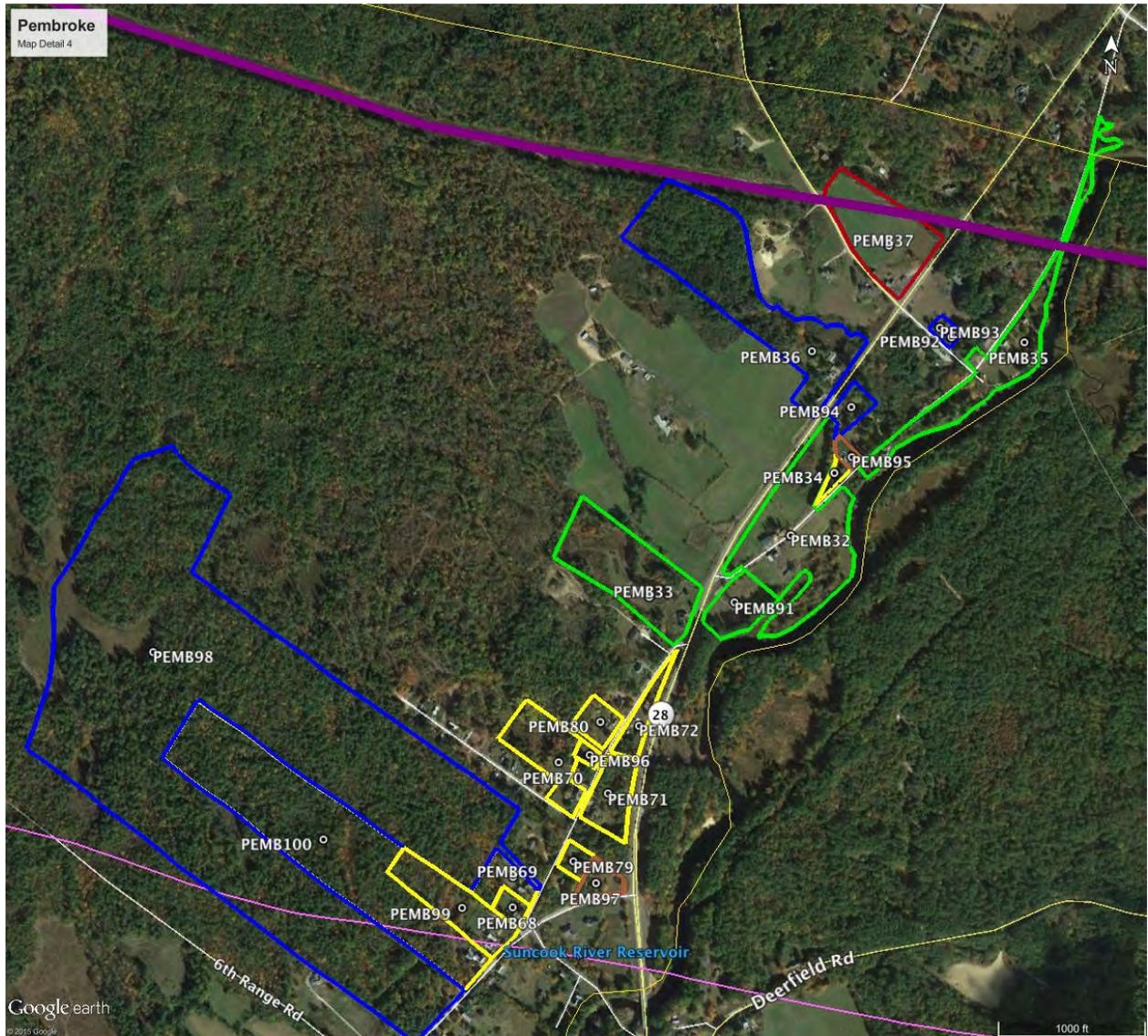
Town Summary

Pembroke



Town Summary

Pembroke



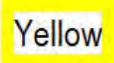


# Northern Pass Project Historic Resource Assessment

## *Table of Historic Resources*

### PEMBROKE

#### Key to Categories

 Yellow	Properties with no views of the Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible
 Green	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion



Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Pembroke	621 Fourth Range Road	PEMB01	43.186828	-71.469887	S		SEE FORM	2026-2027; 4237-4238, 4249-4250		SEE FORM
	Pembroke	406 Brush Road	PEMB03	43.185686	-71.466867	S		c. 1943 1 1/2 story cottage with picturesque façade, on 5.97 acres. Kruger Trucking on subdivided parcel to northeast.			Viewshed maps indicate no potential views of the Project from most of this property. The house is separated from the Project to the north by woods. The Project would not be seen when viewing the house from the road. The only possible view of the Project from this property would be looking northeast across the open land of the adjacent trucking business. Not a historically significant view. The Project is at a lower elevation, with intervening vegetation.
	Pembroke	562 Fourth Range Road	PEMB04	43.184353	-71.468102	S		early 19th century, 1 1/2 story Cape, with dormers, ell, small detached barn, 12 acre parcel of open land.			Viewshed maps and field review indicate the Project will not be visible. New houses in view across road.
	Pembroke	327 Brickett Hill Road	PEMB05	43.175324	-71.466277	S		c. 1828 center chimney Cape, on 1.69 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	406 Cross Country Road	PEMB06	43.179162	-71.461729	S		c. 1788 Cape with wing, new windows, wood shingles, chimney rebuilt, front entry gone. 1.38 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	503 Fourth Range Road	PEMB07	43.17845	-71.461214	S		c. 1749 Cape, outbuilding, set back from road. 9.7-acre parcel irregular shape with house lots subdivided.			Viewshed maps and field review indicate the Project will not be visible due to intervening wooded land and new houses.
	Pembroke	498 Fourth Range Road	PEMB08	43.177563	-71.461791	S		altered c. 1900 house, second story added. Small barn/garage on 1-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	Fourth Range Road south of Cross Country Road	PEMB09	43.176038	-71.460093	S	Pembroke Hill Cemetery	Town-owned cemetery, 0.48-acre parcel, granite block wall.			Viewshed maps and field review indicate the Project will not be visible. Cemetery does not have a scenic view.
	Pembroke	472 Fourth Range Road	PEMB10	43.174548	-71.458693	S		c. 1788 house, 2 1/2 stories, center entry, center chimney rebuilt, new windows, entry trim replaced. Large attached concrete block garage, 2.75 acre parcel.			Viewshed maps and field review indicate the Project will not be visible. Project is nearly 0.9 mile to the north. View from house is not significant. Mid and late 20th century buildings across the road.
	Pembroke	705, 709, 710, 713 Clough Mill Road; 430, 440 Old Borough Road; 433, 438 Borough Road	PEMB11	43.195265	-71.473515	M	Clough Mill Road Area	Group of mid 20th century houses, Ranches and split-levels: 438 Borough Rd (1950), 434 Borough Rd (1961), 433 Borough Rd (1953), 705 Clough Mill Rd (1948), 709 Clough Mill Rd (1943), 713 Clough Mill Rd (1963), 440 Old Borough Rd (1933), 710 Clough Mill Rd (1965), 713 Clough Mill Rd (1963), 430 Old Borough Rd (1948)			Viewshed maps and field review indicate the Project will not be visible from this area, 0.4 to 0.5 mile from the Project, with wooded hilly terrain and modern development between
	Pembroke	615 Borough Road	PEMB12	43.1994	-71.466767	S		c.1965 Ranch on 2.46-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	435 Fourth Range Road	PEMB13	43.170727	-71.454582	S		c.1936 1-story house on a 1.99 acre lot			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	223 Brickett Hill Road	PEMB15	43.171377	-71.475554	S		c.1950 Ranch on 1.46-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	667 Fourth Range Road	PEMB16	43.191258	-71.475463	S		c.1958 small house on a 4.60 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	401 Borough Road	PEMB17	43.191773	-71.477237	S		c.1958 cape with additions, no integrity, 0.43-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	643 Fourth Range Road	PEMB18	43.189311	-71.472481	S		altered c. 1951 1 1/2 story house, barn set back, on 4.99 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	446 Fourth Range Road	PEMB19	43.171749	-71.455974	S		c.1938 one-story house on 1.85 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

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	Pembroke	485 Fourth Range Road	PEMB20	43.17622	-71.459081	S		c.1788 house with gambrel roof, remodeled, set back from road on 18.8-acres, narrow rectangular parcel.			Viewshed maps and field review indicate the Project will not be visible due to intervening hilly wooded terrain.
	Pembroke	13 Sheep Davis Road/ NH 106	PEMB21	43.17999	-71.48575	S	Pembroke Animal Hospital	c.1920 remodeled Dutch Colonial house, gambrel roof, new siding windows and dormers. 2.06 acres.			Viewshed maps indicate that there are possible views from the entrance to the driveway, at Sheep Davis Road, but not from the house or surrounding property. No significant views, commercial/industrial area.
	Pembroke	23 Sheep Davis Road/ NH 106	PEMB22	43.1812	-71.485511	S		Federal style house, good example, 2½-story, center chimney, 9/9 windows, 3.1 acre parcel. Now Serendipity Day Spa.	4226, 4227		Viewshed maps indicate that there are possible views from the entrance to the driveway, at Sheep Davis Road, but not from the house or surrounding property. No scenic views in commercial/industrial area. Project will not be visible when viewing house from the road.
	Pembroke	27 Sheep Davis Road/ NH 106	PEMB23	43.181932	-71.485502	S		c.1967 building, no integrity.			Not yet fifty years old. Viewshed maps show isolated possible views in the parking lot.
	Pembroke	55 Sheep Davis Road/ NH 106	PEMB24	43.185972	-71.483995	S		SEE FORM	2014, 2040, 2043; 4228-4236		SEE FORM
	Pembroke	612 Borough Road	PEMB29	43.199347	-71.467674	S		c. 1770 center chimney house, 12/12 windows, entry replaced, modern garage, one-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	Borough Road, near junction of Sixth Range Road	PEMB30	43.198402	-71.468762	S	Abbott Cemetery	Small family cemetery, 0.13 acre, wooded setting, no scenic view.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	471 Fourth Range Road	PEMB31	43.1745	-71.458347	S	Gelinas Farm	c. 1964 Cape and modern outbuildings, horse barns, riding rings, paddocks on 68 acres including open fields. Old Fifth Range Road runs through the parcel.			The transmission line runs east/west to the north of this property. There are no potential view of the Project from the vicinity of the house or from the road and no historically significant views. New riding rings and outbuildings are in view. Viewshed maps show intermittent visibility of the Project from the open fields northeast of the buildings, looking downhill toward the Project. Much of the intervening area is wooded and the Project is over 3/4 mile distant, so any visibility would be minimal.
	Pembroke	710 Bachelder Road, 705-717 Bachelder Rd	PEMB32	43.168553	-71.402508	S	Batchelder Farm	SEE FORM	1982-1985, 1991, 1994-2000; 4143-4161, 4223-4225		SEE FORM
	Pembroke	654 Route 28/Pinewood Road	PEMB33	43.167128	-71.405029	S		SEE FORM	1981, 4142		SEE FORM
	Pembroke	720 Bachelder Road	PEMB34	43.169784	-71.400995	S		ca. 1820 Cape with small barn, on 0.69 acre triangular lot. Wooded site.	4161-4164		Viewshed maps and field review indicate the Project will not be visible from this property or when buildings are viewed from the road.
	Pembroke/Epsom	723, 745, 802, 805, 809, 807, 811, 813, 815, 817, 829, 831 Bachelder Road; 37 Old Buck Street Ext. (Epsom)	PEMB35	43.17531835	-71.39464259	M	Bachelder Road-Suncook River Camps	SEE FORM	1987-1988; 4167-4195		SEE FORM

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	Pembroke	730 and 734 Route 28	PEMB36	43.17164871	-71.40115499	S		Two mid-1950s capes, 0.8 acre and 15.999 acres.	4219-4222		Viewshed maps show isolated views of the Project from the yards of these houses facing north. There is no scenic view. Views are not historically significant to the buildings, which are oriented toward the road. There are woods and varied topography and modern houses between these properties and the transmission line limiting visibility of the Project.
	Pembroke	105 North Pembroke Road	PEMB37	43.17328	-71.39978	S	Montminy Farm and Country Store	SEE FORM	2009, 2010, 2018, 2021; 4196-4216		SEE FORM
	Pembroke	444 Sixth Range Road	PEMB40	43.185477	-71.441483	S		ca. 1928, small one-story cottage with large addition, 16.6 acres, transmission line crosses back of wooded parcel			Viewshed maps indicate that there are no views of the transmission lines from this property except along the PSNH right of way itself, which is through the back of the property away from historic buildings.
	Pembroke	410 Cross Country Road	PEMB41	43.17944	-71.461058	S		early 20th century 1 1/2 story Cape, 1.1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	623 Borough Road	PEMB42	43.199901	-71.465726	S		c. 1965 Cape, 2.18 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	202, 204, 206 Brickett Hill	PEMB43	43.169876	-71.47923	M		Row of Colonial Revival style Capes with garages. 202 Brickett Hill (c. 1940) on a 0.29 acre parcel, 204 Brickett Hill (c. 1935) on 0.36 acre parcel, 206 Brickett Hill (c. 1945) on 0.34 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	503 Pembroke Street/US 3	PEMB44	43.170113	-71.479672	S		c. 1951 Ranch on a .23 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	507 Pembroke Street/US 3	PEMB45	43.170439	-71.480101	S		1 1/2 story house, front porch 0.48 acre parcel, owned as 2 condos.			Viewshed maps and field review indicate the Project will not be visible from properties on Pembroke Street.
	Pembroke	511 Pembroke Street/US 3	PEMB46	43.170717	-71.480284	S		c. 1745 2-story, twin chimney house, with 2-story ell, on 13.59 acre parcel.			Viewshed maps and field review indicate the Project will not be visible from properties on Pembroke Street.
	Pembroke	513 Pembroke Street/US 3	PEMB47	43.171101	-71.480589	S		c. 1940 Cape with dormers on 0.92 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	517 Pembroke Street/US 3	PEMB48	43.17159	-71.481045	S		c. 1960 Ranch on a 2.96 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	521 Pembroke Street/US 3	PEMB49	43.172051	-71.481555	S		c. 1960 Cape, 0.54 acre, front lawn, stone retaining wall			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	529 Pembroke Street/US 3	PEMB50	43.172924	-71.482306	S		c. 1905 2 1/2 story house, Queen Anne/Stick Style house with stone retaining wall in front, on 1.65 acres.			Viewshed maps and field review indicate the Project will not be visible from this location, separated by over 3/4 mile of woods
	Pembroke	526 Pembroke Street/US 3	PEMB51	43.172427	-71.482381	S		c. 1951 Cape, 0.34 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	522 Pembroke Street/US 3	PEMB52	43.171989	-71.482027	S		c. 1951 Ranch, 1.66 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	520 Pembroke Street/US 3	PEMB53	43.171703	-71.481786	S		c. 1962 Ranch on 1.18 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	518 Pembroke Street/US 3	PEMB54	43.171445	-71.481512	S		c. 1961 house, 0.93 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	516 Pembroke Street/US 3	PEMB55	43.171238	-71.481217	S		c. 1780 Federal period house with hip roof, Palladian window, on a 1.83 acre parcel.			Viewshed maps and field review indicate the Project will not be visible from Pembroke Street. House faces mid-20th century houses across road. New school buildings to west (rear)
	Pembroke	506 - 494 Pembroke Street/US 3	PEMB56	43.169495	-71.479689	M		Group of four c. 1961 small houses on four separate 0.46-acre lots.			Viewshed maps and field review indicate the Project will not be visible.

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	Pembroke	202 Beacon Hill Road	PEMB57	43.177745	-71.486493	S		c. 1900 1 1/2 story house, new siding, US 3-NH 106 interchange.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	206 Beacon Hill Road	PEMB58	43.178054	-71.48589	S		c. 1960 Cape, siding and windows replaced, 0.29 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	208 Beacon Hill Road	PEMB59	43.178303	-71.485654	S		c. 1953 Ranch on 0.58 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	212 Beacon Hill Road	PEMB60	43.178497	-71.484967	S		c. 1955 small Ranch, new siding and windows acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	567 Pembroke Street/US 3	PEMB61	43.177444	-71.48645	S		c. 1947 Dutch Colonial 1 1/2 story house with gambrel roof, dormers, now offices, 0.45 acre.			Viewshed maps and field review indicate the Project will not be visible. Highway interchange and modern commercial-industrial development in view.
	Pembroke	570 Pembroke Street/US 3	PEMB62	43.177307	-71.487022	S		c. 1900 Colonial Revival style house now insurance offices, on 1.4 acres.			Viewshed maps and field review indicate the Project will not be visible. Highway interchange and modern commercial-industrial development in view.
	Pembroke	566 Pembroke Street/US 3	PEMB63	43.176824	-71.486568	S		c. 1930 Colonial Style house, good example of Dutch Colonial with gambrel roof, on 1.5 acres.			Viewshed maps and field review indicate the Project will not be visible from this location. Will not be seen when viewing house from the road.
	Pembroke	562 Pembroke Street/US 3	PEMB64	43.176378	-71.486121	S		c. 1940 Colonial Revival style house, 1.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	561 Pembroke Street/US 3	PEMB65	43.176529	-71.485801	S		c. 1960 Ranch style house, basement 2-car garage, stone retaining walls, 0.44 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	557 Pembroke Street/US 3	PEMB66	43.176104	-71.485418	S		c. 1960 Ranch, basement garage, all new siding, windows and doors, 0.29 acre lot.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	555 Pembroke Street/US 3	PEMB67	43.175813	-71.485024	S		c. 1750 Cape, with late 19th century porch and dormers, connected complex, large attached carriage barn, 3.5 acres.			Viewshed maps and field review indicate the Project will not be visible. No scenic view; house oriented toward large new building across road.
	Pembroke	652 Thompson Road	PEMB68	43.161376	-71.409035	S		mid-19th century, Italianate style house 1 1/2 story with porch enclosed. Now apartments.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	654 Thompson Road	PEMB69	43.162005	-71.408757	S		c. 1878 Italianate style house, 1 1/2 story, with carriage barn, 2.3 acres			Viewshed maps and field review indicate the Project will not be visible from this location. Project will not be seen when viewing building from the road.
	Pembroke	664 Thompson Road	PEMB70	43.16381	-71.407588	S		c. 1803 Cape with ell and connected barn, on 5 acres. House faces south.			Viewshed maps and field review indicate the Project will not be visible from this location due to the intervening wooded land.
	Pembroke	667 Thompson Road	PEMB71	43.163606	-71.40744	S		c. 1850 1 1/2 story side hall house, with apartments in wing. Mobile home, 2.16 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	679 Thompson Road	PEMB72	43.165334	-71.406014	S		c. 1961 one-story house, with outbuildings, on 1.44 acres at Route 28 intersection.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	459 Sixth Range Road	PEMB73	43.18731	-71.441324	S		early 20th century, 1 1/2 story house, set back from road on 19.19 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	Sixth Range Road, corner of Cross Country Road	PEMB75	43.188203	-71.444896	S	Richardson Cemetery	small 19th century cemetery, stone retaining wall, 0.06 acre.			Viewshed maps and field review indicate the Project will not be visible. No scenic view, wooded area with late twentieth century houses.
	Pembroke	551 Cross Country Road	PEMB76	43.187451	-71.445951	S		c. 1966 building on 0.86 acre parcel.			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	704, 708, 710 Cross Country Road	PEMB77	43.196909	-71.437495	M	Cross Country Crook area	Group of three farmhouses with outbuildings, c. 1863 Greek Revival style, 1 1/2 stories, twin chimneys on 1+ acre and c. 1773 2 1/2 story, twin chimney house with attached remodeled barn on 3.36 acres. Set back c. 1830 Cape with barns. Associated open land.			Viewshed maps and field review indicate the Project will not be visible. Associated land extends into the APE. Two houses are more than a mile from the Project.
	Pembroke	661 Thompson Road	PEMB79	43.162848	-71.408001	S		c. 1953 building on a 1 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	678 Thompson Road	PEMB80	43.165137	-71.406719	S		c. 1900 1 1/2 story house, center entry, picture windows added. New attached garage, 1.43 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	339 North Pembroke Road	PEMB81	43.191322	-71.417776	S		c. 1940 cape on 37.68 acres wooded land.			Viewshed maps and field review indicate the Project will not be visible.

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	Pembroke	Adjacent to 403 North Pembroke Road	PEMB82	43.192343	-71.418881	S	New North Pembroke Cemetery	Town-owned neighborhood cemetery, 0.53 acre, low cut-granite wall			Viewshed maps and field review indicate the Project will not be visible. This is a wooded area, with new houses around it. Nearly one mile from the Project
	Pembroke	65 Sheep Davis Road/ NH 106	PEMB83	43.187373	-71.483271	S		c.1921 house with gambrel roof, new siding, windows and deck			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	78-80 Sheep Davis Road/NH 106	PEMB84	43.188813	-71.483352	S		c.1945 cape with attached garage, 1.02 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	82 Sheep Davis Road/ NH 106	PEMB85	43.189532	-71.483153	S		c.1948 cape, attached garage on 0.91 acre.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	316-318 Borough Road	PEMB86	43.191722	-71.48016	S		two 1 1/2 story houses, on 3.55 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	421 Borough Road	PEMB87	43.193696	-71.474801	S		c.1948 Ranch on 13.5 acres.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	533 Fourth Range Road	PEMB88	43.181574	-71.464996	S		c.1900 2 1/2 story house, 5.23 acres.	4239, 4240		Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	524 Borough Road	PEMB89	43.198222	-71.469395	S		c.1960 Ranch-style house, representative example, brick walls and fireplace, 0.639 acre. Wooded area, no scenic view, new house across road.			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	624 Borough Road	PEMB90	43.200396	-71.46623	S		c.1850 Cape, no outbuildings 3.51 acres. Hilltop site, mix of 19th century and mid-twentieth century houses in area.			Viewshed maps and field review indicate the Project will not be visible. Project is nearly a mile distant and on the other side of the hill.
	Pembroke	Corner of Bachelder Road and Route 28	PEMB91	43.167456	-71.403731	S	Buck Street Cemetery	SEE FORM	1980, 4141		SEE FORM
	Pembroke	9 North Pembroke Road	PEMB92	43.1723	-71.398318	S		c.1940 small bungalow, remodeled, 0.22-acre lot. Does not appear eligible for National Register.	4218		The transmission line runs east-west to the north of this property. Viewshed maps indicate visibility from the front yard, but vegetation, intervening buildings and varied topography reduce potential visibility.
	Pembroke	11 North Pembroke Road	PEMB93	43.172414	-71.398468	S		early 20th century, 1 1/2 story house with enclosed porch, 0.29 acre.	4217-4128		Transmission line runs east/ west to the north of this property, separated by several parcels. Viewshed maps indicate the potential for intermittent oblique views from the front yard, looking up North Pembroke Road. This view is not historically significant. The house faces away from the Project. Intervening properties, vegetation and varied topography limit potential views. The house faces in the opposite direction.
	Pembroke	731 Route 28	PEMB94	43.171004	-71.400687	S		1950s Ranch on 1.43 acre parcel. Mostly wooded.			Viewshed maps show an isolated potential view of the Project from the front yard, not from the building itself. House faces west away from the Project and lot surrounded by tall pine trees. Project not visible when building is viewed from the road.
	Pembroke	722 Bachelder Road	PEMB95	43.170077	-71.400662	S		c. 1967 Ranch with two-car garage, new siding, windows and doors, on 0.46 acre parcel			Not yet fifty years old. Viewshed maps show a potential isolated view in the rear of the house, though the yard is surrounded by tall trees.
	Pembroke	674 Thompson Road	PEMB96	43.164566	-71.407341	S		c. 1963 Ranch remodeled, large addition, 0.44 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	640 Buck Street	PEMB97	43.162166	-71.407179	S		c. 1968 Raised Ranch on 1.72 acre parcel, corner of Route 28			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	610-620 Buck Street	PEMB98	43.160123	-71.410926	S		c. 1850 Cape with Colonial Revival remodeling and shed dormer, contains two units. 102 acre parcel, irregularly shaped with house lots subdivided. Wooded land.			Viewshed maps show views only in the wetlands in the far rear of the 102 acre property, approximately 3/5 mile from the house on Buck Street. House is close to the road and the land is entirely wooded.

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	Pembroke	626 Buck Street	PEMB99	43.16116	-71.409823	S		c. 1878 Sidehall house with wing and carriage barn on 5 acre parcel			Viewshed maps and field review indicate the Project will not be visible from this location. House is oriented away from Project. Project will not be in view of the buildings from the road.
	Pembroke	622 Buck Street	PEMB100	43.160833	-71.410337	S		c. 1877 Gabled connected farmhouse Rectangular 26 acre parcel extends back from the road.			Viewshed maps and field review indicate the Project will not be visible. Land behind house is entirely wooded. Project is one mile to the north.
	Pembroke	429 Fourth Range Road	PEMB101	43.17016	-71.453567	S		c. 1840 Cape on 4.08 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	442 Fourth Range Road	PEMB102	43.171252	-71.455765	S		c. 1948 house with major renovations on 6.89 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	454 Fourth Range Road	PEMB103	43.172322	-71.457008	S		c. 1963 Ranch on 1 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	482 Fourth Range Road	PEMB104	43.175394	-71.459864	S		c. 1968 Ranch on 2 52 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	349 Brickett Hill Road	PEMB105	43.177046	-71.463114	S		c. 1968 Ranch on 0.8 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	345 Brickett Hill Road	PEMB106	43.176727	-71.463682	S		c. 1964 Ranch with addition on 1.45 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	352 Brickett Hill Road	PEMB107	43.177589	-71.463005	S		c. 1910 Cape with renovations on 0 51 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	330 Brickett Hill Road	PEMB108	43.17605	-71.46646	S		c. 1958 Ranch on 3.78 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	322 Brickett Hill Road	PEMB109	43.175346	-71.467445	S		c. 1920 Colonial Revival house with additions on 3.63 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	227 Brickett Hill Road	PEMB110	43.171552	-71.47494	S		c. 1955 Split-level house on 0.99 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	216 Brickett Hill Road	PEMB111	43.171519	-71.477123	S		c. 1950 Cape on 2.6 acre parcel plus adjacent 1.58 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	215 Brickett Hill Road	PEMB112	43.170543	-71.476504	S		c. 1965 Cape with attached garage on 2 28 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	533 Pembroke Street/US 3	PEMB113	43.173495	-71.482754	S		c. 1955 Ranch on 0.67 acre wooded parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	563 Pembroke Street/US 3	PEMB114	43.176874	-71.484244	S		c. 1932 cabin set back from road on 0.29 acre parcel plus surrounding 3.78 acre wooded parcel			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	1 Sheep Davis Road	PEMB115	43.17825	-71.486368	S		c. 1968 Ranch on 0 39 acre parcel			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	627 Sand Road	PEMB116	43.180691	-71.490095	S		c. 1950 Cottage on 2.0 acre wooded parcel. Surrounding area includes existing transmission lines, gravel pits, etc.			Property is adjacent to existing transmission lines. House faces away from Project. Viewshed maps show possible views of the Project from the rear of the property, but the parcel is heavily treed. No scenic views.
	Pembroke	34 Sheep Davis Road	PEMB117	43.182534	-71.486409	S		c. 1938 Cape with enclosed porch, garage on 1.71 acre parcel, commercial/industrial area			Project is across the road from this property. There may be views of the Project in the driveway and open yard on the property. There are no scenic or historic views due to surrounding modern development. Project will not be visible when viewing the house from the road.
	Pembroke	52 Sheep Davis Road	PEMB118	43.185616	-71.485234	S		c. 1967 office/warehouse on 3.33 acre parcel			Not yet fifty years old. Viewshed maps show the property will have views of the Project which is nearby. The setting is defined by the existing transmission lines and surrounding modern industrial properties.
	Pembroke	68 Sheep Davis Road	PEMB119	43.187759	-71.484055	S		c. 1963 Ranch on 0.98 acre parcel, modern commercial/industrial area			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Pembroke	75 Sheep Davis Road	PEMB120	43.188454	-71.482959	S		c. 1950 Ranch on 1 acre parcel, modern commercial/industrial area			Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	91 Sheep Davis Road	PEMB121	43.190272	-71.481949	S	Nichole's Greenhouse	c. 1968 one-story building, greenhouses and florist shop, on 2.0 acre parcel, commercial-industrial area			Not yet fifty years old. Project may be visible, but property is surrounded by large modern buildings and has no views.
	Pembroke	405 Borough Road	PEMB122	43.192153	-71.476766	S		c. 1968 Ranch on 1.23 acre parcel, new siding, windows and doors.			Not yet fifty years old. Will not be National Register eligible. Viewshed maps show isolated possible views in the open yard.
	Pembroke	726 Clough Mill Road	PEMB123	43.197169	-71.476668	S		c. 1967 Ranch on 1 acre parcel, industrial area and gravel pits			Not yet fifty years old. Viewshed maps and field review indicate the Project will not be visible.
	Pembroke	514 Borough Road	PEMB124	43.197254	-71.47091	S		two-story house, tax card date c. 1955. Looks newer or substantially remodeled			Viewshed maps and field review indicate the Project will not be visible.



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: PEMB01**

Property Name/Address:

621 Fourth Range Road, Pembroke, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

621 Fourth Range Road is a c.1950 Colonial Revival style Cape Cod type house roughly 0.10 mile south of the transmission line corridor. The PSNH right-of-way dates from c.1953, shortly after the house was built. It crosses open land just over 200' from the north corner of this property and intersects Fourth Range Road roughly 0.1 mile northwest of the house.

This 1½-story house is a typical example of the Colonial Revival style applied to the popular “Cape Cod” building form in the 1940s-50s period. It is 5 x 2 bays with a center entry; side-facing with the gable end toward the road. A small entry porch with arched top and two gable dormers are the only details of the façade. The brick fireplace chimney and rear full shed dormer are also characteristic features of a mid-twentieth century Cape. The foundation is concrete. The walls are sheathed in vinyl siding and the windows are replacement sash, with 6/6 muntin inserts. At the far end of the house, the wing and in-ground pool are only minimally visible from the road. There are mature plantings around the house and a row of mixed deciduous trees along the road. A stone wall lines the road and the driveway in front of the house. Nearby houses on Fourth Range Road were built in the late twentieth century.

621 Fourth Range Road is located on 1.8 acres, with subdivided flat open land on the adjacent parcels. The north end of the house lot is defined by the paved driveway to 627 Fourth Range Road, a late twentieth century house with garage set back from the road. Deeds indicate the 6.99-acre parcel was subdivided in 1984. The Ranch type house is screened from view by mature trees including several willows.

The existing 115-kV transmission line is visible from the yard of 621 Fourth Range Road and in the background when the house is viewed from the road facing north. The land is mowed underneath the line and the field is continuous across the adjacent parcels. The 150' wide transmission line ROW passes east-west along the northwest edge of the parcel associated with 627 Fourth Range Road and through an undeveloped 44.42 acre tract of woodland with a small gravel pit, accessed by a dirt road under the transmission line.

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

Deed research suggests 621 Fourth Range Road was the home of Peter and Jean Shurkus who married in 1948 and were employed at Concord area hospitals. They purchased ten acres of land in Pembroke in 1949 and moved from Essex Street in Concord around 1950 according to the city directories on Ancestry.com. From the 1920s, the site had been part of a larger tract of land owned by Gilbert Astles of Astles Lumber Company in Contoocook. The field to the north of the Shurkus House was part of its parcel until the 1984 subdivision. The transmission line was built at the back edge field in the early 1950s. (See Merrimack County Registry of Deeds 671:480, 694:57, 1385:169, Plan 5138:1.)

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?

Y  N

The house at 621 Fourth Range Road may be eligible for the National Register of Historic Places in the Area of Architecture for embodying distinctive characteristics of the mid-twentieth century Colonial Revival Cape house type. The arched entry porch, weathered brick fireplace chimney, dormers and fenestration patterns are character defining features. The yard with lawn, tree-lined road and stone walls provides an appropriate setting. This house was identified as a good example of the Colonial Revival style within the Project area in the 2015 Northern Pass – Merrimack County Project Area Form by SEARCH.

**b. Integrity:**

Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Vinyl siding and replacement windows diminished integrity, though the overall design remains intact. The wing was expanded and a pool added, but these are not in the public view of the house from the street.

The yard with stone walls, lawn and mature plantings are part of the character defining features of the setting and feeling. The existing transmission line has been in place for more than fifty years. The mown field under the transmission line is a remnant of the historic field on which the c.1950 house was sited. However, that setting was altered when the land was subdivided and the ranch house at 627 Fourth Range Road built in the 1980s.

The setting of the surrounding neighborhood was altered by subdivision and new residential construction in the late twentieth century. Fourth Range Road was part of Pembroke’s eighteenth century range township design, but existing buildings in this vicinity date from c.1950 and after, with only isolated older properties.

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The 1.85-acre lot on which the house is located would be included in a National Register eligible property. It is identified as Parcel 561-112 in Town of Pembroke tax records. The boundary is shown on the Project maps below. The existing parcel was created when the land to the north and northeast was subdivided in 1984. The driveway of 627 Fourth Range Road follows the northeast lot line and now defines the edge of the lawn of 621, with mown field on the far side.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

The views looking outward from the house are not part of its architectural significance under Criterion C. The house faces to the south, away from the transmission line toward open land on the adjacent property, which is now the lawn of a modern house. There are potential views of the Project looking north from the back yard of 621 Fourth Range Road, but this is not a historically significant viewpoint.

In the main public view of the building, when the façade of the house is viewed from the south, facing north and northeast on the road, the house itself will block any view of the Project. When the back elevation of the house is viewed from the road looking southeast, the Project will not be in view.

The Project will be visible in the background in one direction from a single viewpoint; facing north from the road beside the house, past the northwest corner of the building. Existing vegetation partially screens the transmission line from view and Project design will incorporate plantings on the land adjacent to this property to minimize the visual effect.

The Project is roughly a tenth of a mile from the house. The adjacent previously associated land on which the ROW is located is separately owned and does not contribute to the architectural significance of the house. Only the immediate yard is part of the historic setting, since the larger property was subdivided. The proposed removal of the 1984 house and garage from 627 Fourth Range Road will not affect the historic property, because it dates from after the period of significance of the Colonial Revival Cape. The mature trees on the 627 property filter the view of the existing and proposed lines and will be retained. Additional plantings of similar varieties will be made as appropriate between the transmission corridor and 621 Fourth Range Road to screen new structures from view.

The current view of the house includes the distribution line along the road in the foreground and the existing 115-kV transmission line with monopole structures, as well as the paved driveway to 627 Fourth Range Road and local delivery wires and poles along it in the background. The proposed 345-kV line will be closer to the historic building, south of the existing 115-kV line, which will remain in place.

The structures on the 345-kV line in this location will be H-frames, 60'-65' tall, similar in height to the existing 65.5' tall 115-kV monopoles. There are three proposed structures within 0.12 mile of the house. One new 65' tall H-frame will be adjacent to the road, about 0.11 mile northwest of the building. The tree line along the road filters the view. The 65'-tall H-frame 0.09 mile north of the house will be blocked from view by the existing plantings on the adjacent property. The proposed structure centrally located in the field 0.11 mile north-northwest of the house will be 60' tall. Landscape plantings will be designed in the open parcel to partially screen the project from the house and distract the viewer. Appropriate plantings will include willow trees, lilac bushes, and bulbs such as daffodils like those on the subject and adjoining parcels to maintain the integrity of the Colonial Revival period landscape.

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-3, showing 621 Fourth Range Road, with 627 Fourth Range Road set back from road [2014 Google Earth]



Photo 1) View from road, facing northeast, transmission line at left rear, local service wires and poles along road [2014 Field Photo: IMG\_4238]

*Historic Resource Assessment*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

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Photo 2) Facing north-northeast [Pembroke tax photo]



Photo 3) Facing east-southeast, showing back yard from roadside [2013 Field Photo: IMG\_2026]

*Historic Resource Assessment*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

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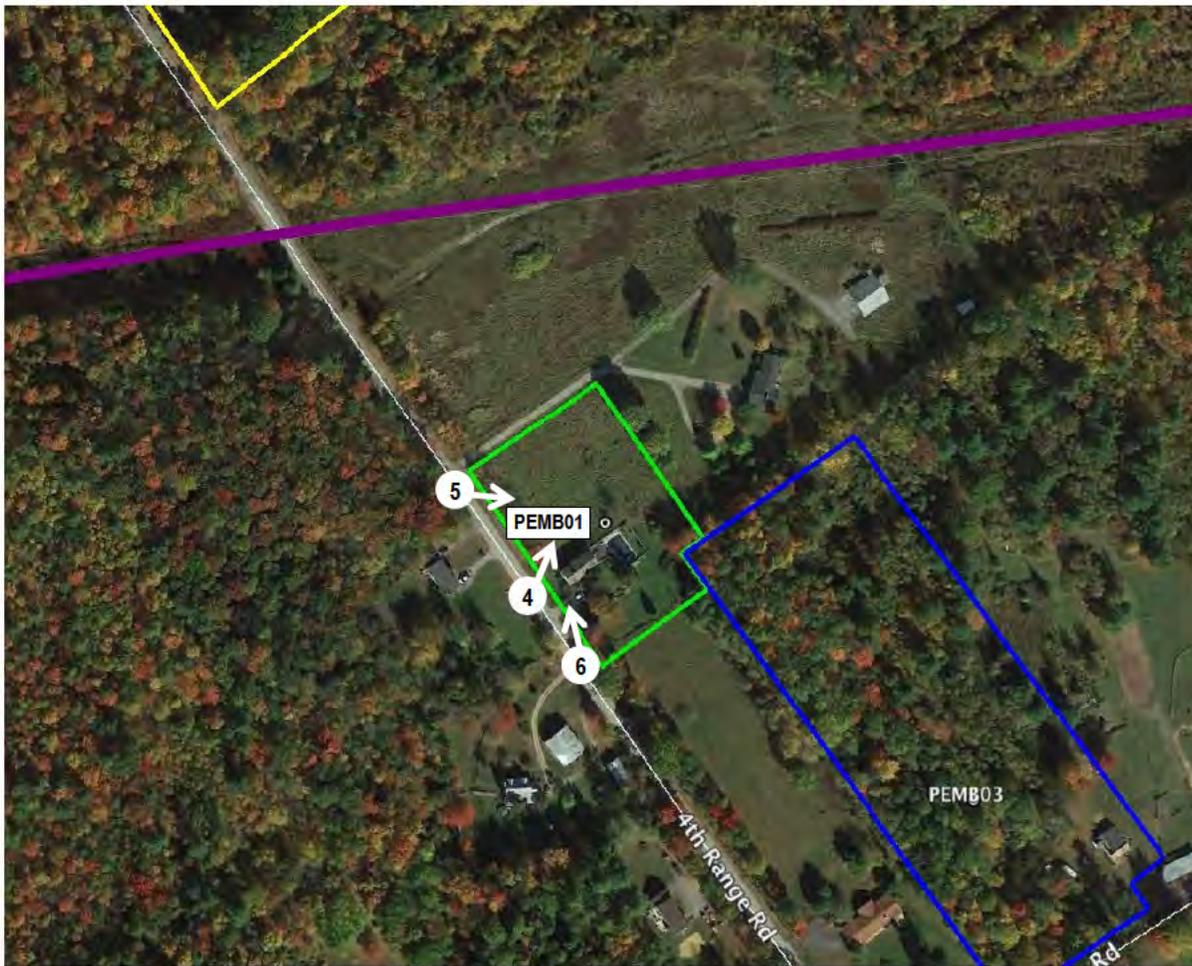


Pembroke GIS map with existing house lot indicated by arrow, showing subdivided parcels to north [<http://caigisonline.com/pembrokenh/>]

*Historic Resource Assessment*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH



Project is approximately 0.1 mile north of house

**Map Key**

Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH



Viewshed map showing PEMB01 (white arrow), Limit of APE for Historic Resources  and Project 



Bing Bird's eye, facing north

*Historic Resource Assessment*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

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Photo 4) Facing north-northeast toward transmission line, showing local service wires in foreground. Pole of local service to 627 Fourth Range Road mid-ground and transmission line in background in front of trees [2011 Google Earth Street View]



Photo 5) Facing east-southeast, Project location at left rear [2011 Google Earth Street View]

*Historic Resource Assessment*

Property ID: PEMB01

Property Name/Address: 621 Fourth Range Road, Pembroke, NH

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Photo 6) Looking north-northwest on Fourth Range Road toward transmission line crossing [2011 Google Earth Street View]



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: PEMB24**

Property Name/Address:

55 Sheep Davis Road, Pembroke, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

55 Sheep Davis Road is a mid-to-late-nineteenth-century, 1½-story farmhouse, with mid-to-late-twentieth-century garages and shed, on the east side of NH 106 at the crossing of the existing transmission line. The PSNH easement over the 19.4-acre parcel dates from the mid-1950s and runs through the forested eastern half of the property about 0.10-mile east of the road. Route 106, historically a rural local road, is now characterized by mixed-use, industrial and commercial strip development.

The land associated with the buildings is mainly wooded and there is a manmade pond or wetland north of the house and a small field to the southeast. The yard is overgrown. Views from the buildings were not significant to the property historically. The viewshed maps show intermittent potential views of the Project from the yard and around the pond. The existing transmission line is not visible from the road due to dense vegetation and varied topography. The proposed lines may be visible in the background behind the house where the upper conductor lines and tips of structures will be above the treetops. Facing across the road from the house to the southeast, the existing transmission line is distantly visible behind modern commercial/industrial properties.

The construction date of this 1½-story, high-posted, 5 x 1 bay, center-entry “cape” with ell is unknown. There was a house on the site by the 1850s. The land was part of a sixty-acre lot sold to John K. McConnell in the early nineteenth century. Deed 320:2 in the Merrimack County Registry of deeds tells that George W. McConnell lived here until his death in 1896. Evans C. Clark owned the property during the first half of the twentieth century according to Deed 683:141. He was a farmer and a blacksmith as shown by census and directories in Ancestry.com. Possibly the garage/workshop originated as a blacksmith shop. There is apparent gravel pit activity from the mid to late twentieth century. The pond area was created by excavation along the brook in the 1960s according to historic aerial photos.

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The buildings do not appear to be eligible for the National Register in the Area of Architecture due loss of integrity due to alterations. The property evolved over time and does not represent a particularly nineteenth century house type or period of construction in Pembroke. Overall, the property has little integrity as a nineteenth century farm, lacking open land and agricultural buildings. The more recent use of the land and buildings has not been identified. If there were any significance for mid-twentieth century commercial/industrial uses, it would not have a visual component.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The house retains historic form, fenestration pattern and siding. Changes included the dormer windows and rear additions. The basic design is evident. The outbuildings are more recent, mid to late 20<sup>th</sup> century. The property no longer conveys associations with agriculture. The surrounding commercial/industrial development diminished the setting of the parcel. The existing outbuildings and the overgrown land-use patterns reflect later twentieth century uses. The gravel pit excavation of the 1960s altered the historic landscape.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

[Empty text box for boundary discussion]

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-4 [2015 Bing maps]

*Historic Resource Assessment*

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

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Photo 1) House from road, facing northeast [2014 Field Photo: IMG\_4236]



Photo 2) Façade close-up, facing northeast [2013 Field Photo: IMG\_2014]

*Historic Resource Assessment*

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

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Photo 3) Roadside view, showing overgrown yard, facing east [2014 Field Photo: IMG\_4230]

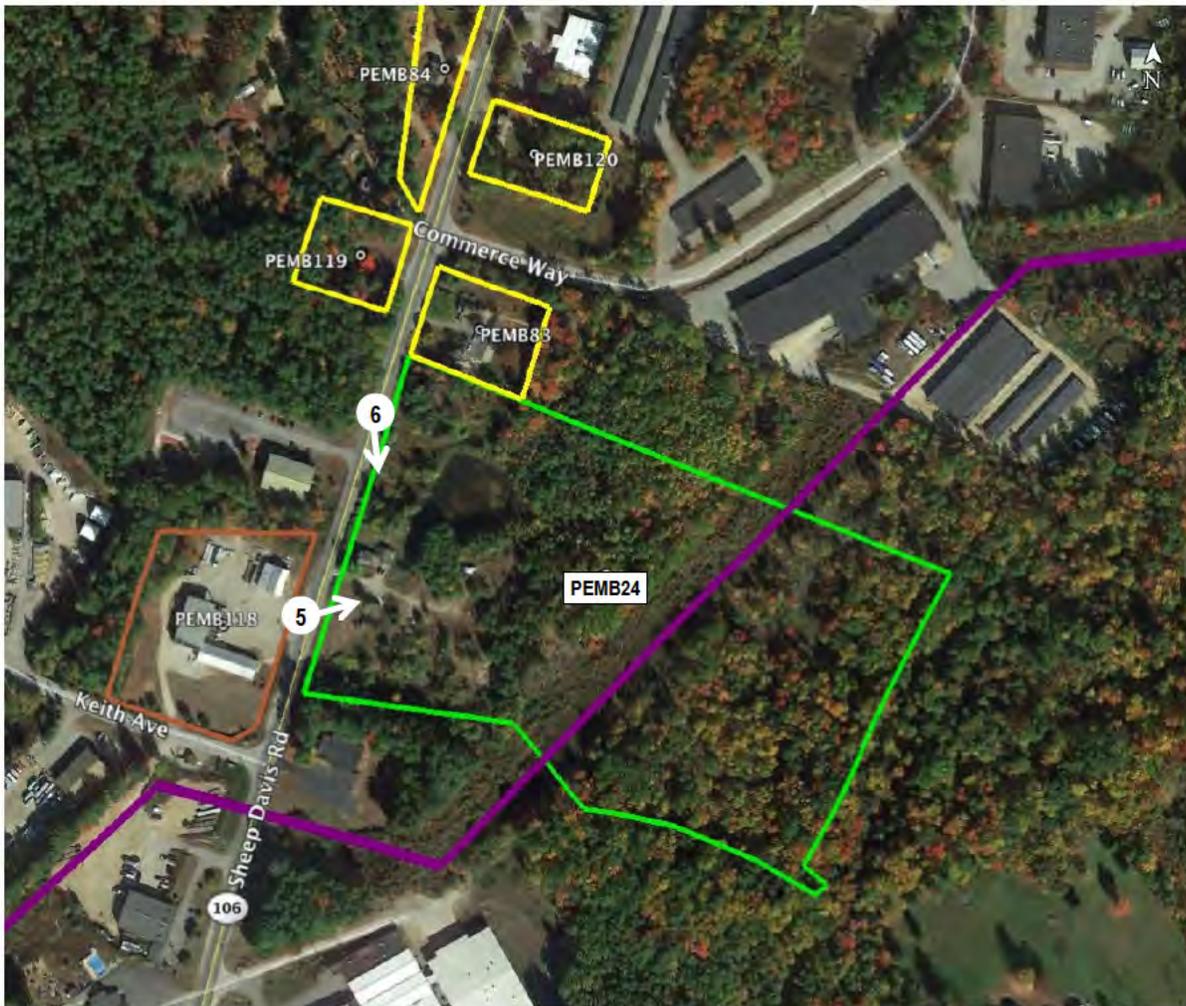


Photo 4) Side view of house and outbuildings, facing north-northeast [2013 Field Photo: IMG\_2043]

*Historic Resource Assessment*

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH



Transmission line crosses property, less than 0.10-mile from house

**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH



Viewshed map showing PEMB24 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 5) Panoramic view facing northeast and east toward Project area [Field Photo 2014: Pano\_4230-4233]

*Historic Resource Assessment*

Property ID: PEMB24

Property Name/Address: 55 Sheep Davis Road, Pembroke, NH

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Photo 6) Google Earth Street View showing house and yard, facing south



Northern Pass to c r e s s ent

dividual Property Analysis

This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Project in New Hampshire, as information. and as part of a study for the Project's SEC application. methodology Statement for more

Property ID: 332

Property Name/Address:

Bachelor Farm/ r Road, Pembroke, NH



I. P D S T I LAND SETTING

The Bachelor Farm is a significant nineteenth or early nineteenth century house, extended New England barn, and outbuildings. It is located on both sides of Bachelor Road east of NH Route 28/Pinewood Road, 0.42 miles southeast of Pembroke since 1953-54.

There is a small isolated view of the buildings from a vantage point on Bachelor Road, facing north-northeast. It is seen past the end of the barn, across open land with woods on the far side providing screening and several modern residences in view on the surrounding properties.

The Bachelor Farm/Barn is one of Pembroke's most important structures. There was a house on this site from the 1760s, but the town history suggests it was replaced probably in the early 1800s. The 2½-story, 2 bay, twin chimney house has center entry with Green River granite. The large wing are on granite but have been replaced with vinyl units. The long 1½-story high-posted wing dates from the mid-19th century. The large bank barn is topped by a cupola ventilator and is situated on the east side of the road, outbuildings include a smaller barn, vehicle shed, and other structures.

The house and connected barn are situated on Bachelor Road facing the road, creating an intimate and important view of the complex. The two sides each face the road, and the view is not visible in this direction. The view from Tucker Street, bypassed when Route 28 was straightened, is particularly important. The two roads contains just under five acres of mostly open land. The view of the historic outbuildings on the southeast side of Bachelor Farm is particularly important. The bulk of the historic farmland is situated on the east side of Route 28, and is now owned separately as the site. The new house is on 130

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

acres including about forty acres of open field on the hillside above the road, several modern outbuildings and extensive woods to the northwest.

The long-time owner of this historic farm was Norris Cochran (1799-1880), who likely built the barn and connecting wing. He was a prosperous farmer and lumber dealer and was involved in the mills at East Pembroke. In 1882, the Cochran farm was purchased by Hiram Bachelder or Batchelder (1821-1892) who moved his family from Chichester. For many years after his death, the widow Susan Bachelder and son Alvin H. Bachelder (1866-1944) lived here, operating a dairy farm according to the censuses and vital records in Ancestry.com. After his mother died, Alvin H. Bachelder was married in 1923 to Kate Mitchell who was many years younger than him. They had six children including a son Alvin Bachelder (1923-2009) who farmed this property into the late twentieth century.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The Bachelder Farm appears to possess significance under Criterion C for Architecture as a grouping of agricultural buildings, the largest and most complete farm complex in Pembroke according to the town master plan. The house is a large dwelling from the late-18<sup>th</sup> or early-19<sup>th</sup> century, with a twin chimney, center hall plan. The barn is a large well-preserved mid-nineteenth century New England barn. The other outbuildings are important as examples of farm building types. Despite the loss of much of its farmland, the property still conveys some of its associations with the Area of Agriculture and could also possess significance under Criterion A. *The Northern Pass – Merrimack Valley Project Area Form* by SEARCH, 2015, provides information on agricultural contexts and connected farm complexes of which this property is noted as an intact example.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The buildings have integrity of location and the immediate setting of open fields on either side of the road. The property has agricultural associations despite the sale of most of the land. The house has integrity of design overall, but the materials and workmanship have been diminished by on-going replacement of windows and replacement of the front entry. The barn and outbuildings have high integrity. The complex and site when viewed along Bachelder Road has strong historic character and feeling. The setting of open fields around the buildings and wooded riverbank contributes to the property. The formerly associated land across the highway is now characterized by the large new house at the crest of the hill.

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary of this National Register eligible property would include the parcels on both sides of Bachelder Road, about twelve acres total, with the house, barn and outbuildings opposite, which remain under the same ownership. Route 28 borders the property on the northwest and the Suncook River defines it on the southeast. The open fields along both sides of Bachelder Road contribute to the setting of the historic buildings and help to convey the agricultural associations.

The house and barn are on about five acres identified in Pembroke tax records as 868-0027-000. The five vehicle sheds, garages, etc. are located on seven acres, which is 868-0001-000. Property 868-0030-000 on the northwest side of Route 28 has a large new residence and is no longer associated with the Bachelder Farm buildings.

This farm was part of a historical rural neighborhood, but the character of the area was changed by the re-routing of the highway and twentieth century home construction, so it does not appear to be a potential historic district.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

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*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The Bachelder Farm buildings are 0.4 to 0.5 mile from the Project. The nearest corner of the property, at the northern end of the narrow field alongside Route 28, is within 0.25 mile of the Project.

The Project will not be substantially visible in the main public views of the buildings. These are the views looking down Bachelder Road toward the buildings from both directions, where the buildings themselves in the foreground will block any view of the Project. The most common view of the property since the bypass was built in the 1950s is from Route 28 facing northeast or southeast toward the back of the connected farm complex in the opposite direction from the Project.

When viewing the house from the road, facing northwest, the Project location is in background to the right of the building. The transmission line is about a half-mile away, screened from view behind the tree line of nearly 0.2 mile of woods. The existing 115-kV line is minimally visible through the trees from a single viewpoint on Bachelder Road. When the barn is viewed from the south on Bachelder Road, looking to the north past the end of the building, a short section of the line is visible in the background. Due to tree cover, there is only a narrow isolated view. 3-D modeling indicates that the proposed transmission line will be located at or below the tree line or silhouetted against the trees in the background of the view except where it passes through open land associated with the Montminy Farm about 0.45 mile to the north on the corner of Route 28 and North Pembroke Road. In that location, the Project has proposed weathering steel monopole structures that will blend with the wooded background and will not rise above the tree-line against the sky. Proposed structures sited to reduce the impact on the Montminy property will also minimize the view from the Bachelder Farm. An isolated view of the Project will not create a distracting focal point.

The Project will not be an intrusion on the existing views of the Bachelder Farm. The setting around the farm was previously affected by construction of the highway bypass behind the house in the 1950s and more recent subdivision and residential development. There are a half-dozen mid to late twentieth century houses between this property and the transmission line corridor. The local distribution lines and poles along NH 28 are in mid-view and local delivery lines run along the southeast side of Bachelder Road. The open fields and cluster of buildings that define the property will be unchanged.

Scenic views are not a component of the historical significance of this property. The flat open fields that provide the views of the buildings are the byproduct of the agricultural use of this property, the result of ongoing haying.

The view from the historic buildings looking outward is not historically significant to the property. The agricultural buildings were not sited to take advantage of a particular view. The house faces southeast toward the early road that was built parallel to the riverbank. Directly across the road, the several outbuildings are in view from the front of the house. The buildings are clustered together and oriented inward toward the central dooryard along the road. Toward the Project, the north side

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

of the house and barn was the back yard with farmland to the north, now the site of the highway and residential construction.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-6 on 2014 Google Earth detail of farm complex

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Ba

Farm/710 Bachelder Road, Pembroke, NH

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Photo 1) 710 Bachelder Road, house  
IMG\_1984]

o e c

13 Field Photo:



Field Photo: IMG\_4154]

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

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Photo 3) Looking northeast on Bachelder Road [2014 Field Photo: Pano\_4155-4159]



Photo 4) Rear elevation from Route 28/Pinewood Road, facing south-southeast [2014 Field Photo: IMG\_4223]

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Ba

Farm/710 Bachelder Road, Pembroke, NH

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Photo 5) Facing east-southeast from  
IMG\_4224]

s

Field Photo:



Photo 6) Bachelder Farm o                      ngs, facing south-southwest

IMG\_1991]

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH



House and barn are approximately 0.42 mile south of the Project

Historic Resource Assessment

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

Map Key

Parcel boundaries of pre-1968 properties:

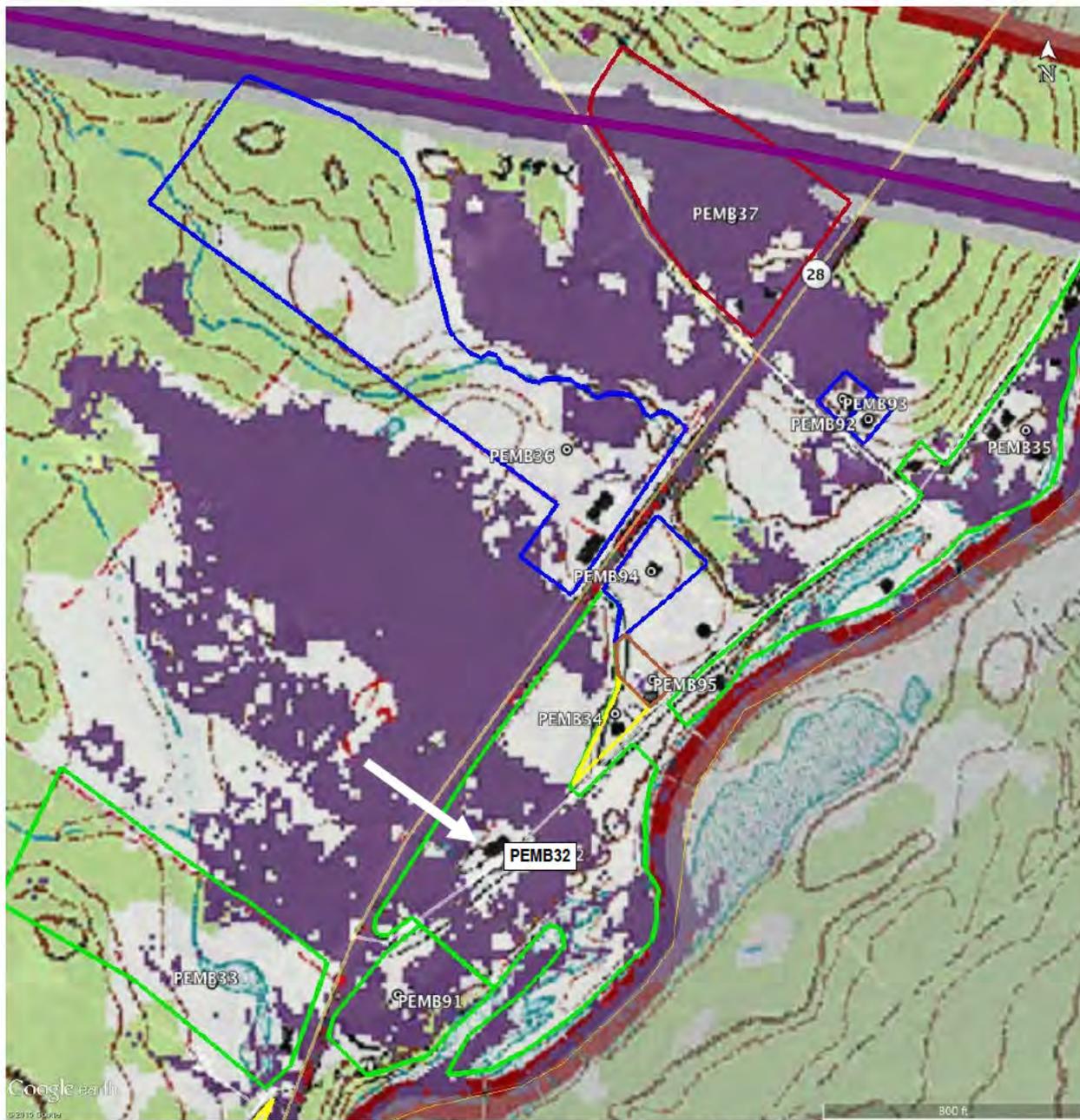
<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		



Parcel map detail of property

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH



Viewshed map showing PEMB32 (white arrow), Limit of APE for Historic Resources  and Project 

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH



Key to view Photos 7-12 on Bing Bird's-Eye 2012, facing north with Bachelder Farm lower right corner, transmission line across top. Shows new home at 724 Route 28 on land historically associated with this farm.



Photo 7) Facing northeast on NH 28, Bachelder Farm at right, transmission line in trees at left rear [2013 Field Photo Pano\_1994-2000]

Property ID: PEMB32

Property Name/Address: Ba

Farm/710 Bachelder Road, Pembroke, NH



Photo 8) Bachelder Road/NH 28 intersection showing divided land across  
y k round [2014 Field Photo: Pano\_4144-4147]



Photo 9) Looking north from Bachelder Road showing utility pole in mid-ground  
indicating transmission line along Route 28  
[2013 Field Photo: IMG\_1983]

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

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Photo 10) Barn from Bachelder Road facing north toward the Project, showing isolated view of existing transmission line through gap in trees; poles visible in mid-ground are local service along NH 28 [2013 Field Photo: IMG\_1982]



Photo 11) From Bachelder House, looking northwest across NH 28 toward Project, existing transmission line behind trees [2013 Field Photo: IMG\_1985]

*Historic Resource Assessment*

Property ID: PEMB32

Property Name/Address: Bachelder Farm/710 Bachelder Road, Pembroke, NH

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Photo 12) Façade of house, facing northwest toward Project location behind tree line [2011 Google Earth Street View]



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

### Property ID: PEMB33

Property Name/Address:

Clark Farm/  
654 Route 28/Pinewood Road,  
Pembroke, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

This nineteenth century Cape Cod type house with wing and connected outbuildings is located on the west side of NH Route 28 at the intersection of Bachelder Road, over half a mile south of the existing transmission line which is not visible.

The high-posted, 3 x 2 bay, Cape Cod may date from c.1830, as indicated by the tax card, but it was remodeled or rebuilt during the later nineteenth century with a front porch and gable dormers. The wing is probably original and connects to a carriage barn, now containing an apartment. The northern outbuilding is a garage with apartment above. The walls of all parts are sheathed in clapboards and trimmed with corner boards and projecting eaves. The windows are a mix of old, 6/6 and newer 1/1.

This location on NH 28 is a short section of the old road, mostly bypassed when the highway was rebuilt in the early 1950s. Thompson Road to the southwest and Bachelder Road to the northeast were formerly all part of Buck Street. The rural neighborhood includes several older farms, including the Batchelder Farm to the east, and a mix of more recent homes. Across the road is the Buck Street Cemetery.

This was an early house site according to the Pembroke town history. The house in this location was owned by L. Robinson in the 1850s as shown on the 1858 map. During the latter part of the nineteenth century, this was the home of the Clark family who were likely responsible for the current form of the building. Farmer and gardener James M. Clark (1830-1915) moved from elsewhere in town with his wife Caroline and son Ellsworth (1864-1923). The latter lived with his father after he married in the 1890s and worked in a box shop according to the census and vital records from Ancestry.com. The Clark family was here into the 1910s.

The buildings are located on 2.01 acres and another parcel with 8.1 acres to the north is under the same ownership. The land is mainly wooded with some gardens and a small manmade pond behind the house. There are modern greenhouses on the northern parcel. There is little evidence of historic agricultural land-use patterns. The property has been wooded since the 1940s according to historic USGS maps. Parcels to the southwest were subdivided from the larger property in the 1980s for houses and a gravel pit.

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

654 Route 28 does not appear to possess significance in the Area of Agriculture; the current greenhouse and gardens are a modern operation. The house with wing and small outbuildings could potentially be eligible for the National Register under Criterion C as a connected complex if it was determined to retain sufficient integrity despite conversion to multiple-family use. For the purposes of this analysis it is assumed eligible. The property evolved over time and achieved its present configuration in the later nineteenth century. The dormers, front porch, projecting eaves, stove chimneys, clapboards and narrow wood trim are characteristics.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The house has integrity for the mid to late nineteenth century period. The exterior has integrity of design, materials and workmanship from that time. The interior contains three dwelling units. The conversion of the small barn to residential space and the subdivision and development of land reduced the ability of the property to convey historic agricultural associations. This was once a rural agricultural neighborhood, but the setting was changed by construction of NH 28 in the 1950s and more recent residential development in the area.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary of the property if eligible under Criterion C for architecture would likely include only the immediate setting around the buildings. The 2+ acre house lot now associated with the buildings

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

is an appropriate boundary. It is identified in Pembroke tax records as 868-0028-000. The small open yard, ponds and an area of woods behind the house are included.

The 8.11 acre parcel to the north and northwest is still under the same ownership, but subdivided as 868-028-004. This is only a portion of the historic farm; other land to the southwest is developed. The greenhouses and gardens are a recent introduction on land that had previously reforested. The land does not contribute to the architectural significance of the buildings.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The view looking outward from this property is not part of its context or architectural significance. The buildings were not sited to take advantage of a view. They are oriented east toward the road and the front dooryard, away from the Project, which is to the north. The house faces the wooded Suncook riverbank and the Buck Street Cemetery directly across the road. The Project may be visible from the side yard, looking northeast up the road across the adjacent open fields, but this side view is not a character defining feature. The land, now used for garden and greenhouses does not contribute to the architectural significance of the buildings.

The Project to the north will not be visible when viewing the buildings from the road. The main views toward the buildings are facing west, northwest or southwest from the Route 28 or southwest from the end of Bachelder Road.

There may be an isolated view of the Project in the background when looking north past the property on Route 28, but this is an indirect view of the buildings. The proposed transmission line could be

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

visible over a half- mile away, where it passes through cleared land associated with the Montminy Farm (PEMB37). Project design minimizing the impact on that property will also reduce the potential view of the Project from 654 Route 28. Only the very tops of the proposed structures could be visible and they would be silhouetted against the wooded hillside in the distance.

**IV. SUPPORTING MATERIALS**



Key to Photos 1-3, house and greenhouses [2010 Bing Bird's Eye]

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

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Photo 1) Facing southwest across Route 28 [2014 Field Photo: IMG\_4142]



Photo 2) Facing north-northwest [Pembroke tax photo]

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

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Photo 3) Facing southwest toward Route 28 and Thompson Road intersection from Buck Street Cemetery [2013 Field Photo: IMG\_1981]



Town of Pembroke gis map shows houselot and subdivided parcels  
[<http://caigisonline.com/pembrokenh/>]

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

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Aerial photos showing modern land-use [2014 Google Earth]

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH



Transmission line is 0.54 mile northeast of property

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

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**Map Key**

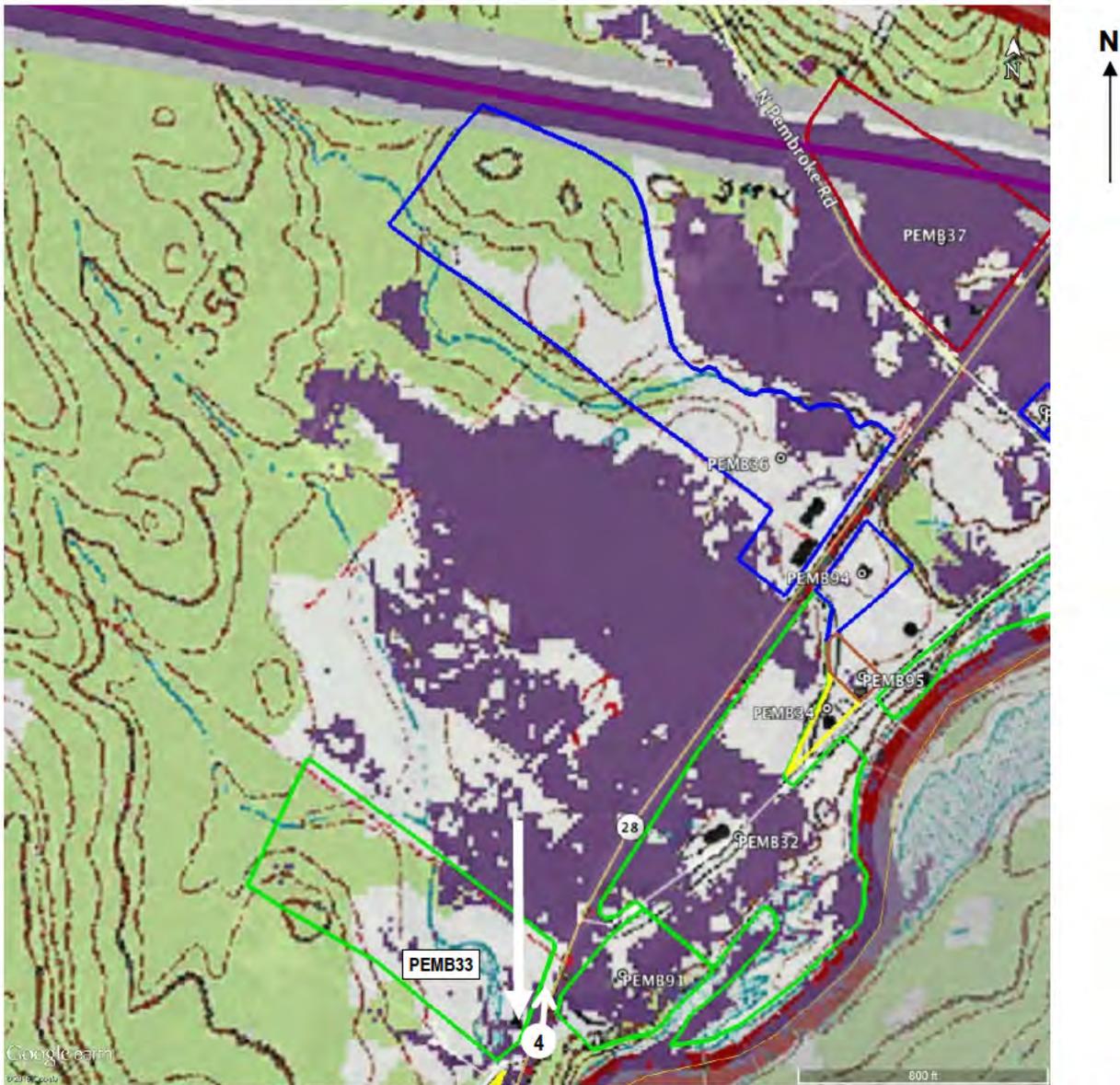
Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project	 Project	
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)	 Limit of APE for Historic Resources	
 Green	Properties assessed with more than minimal views of the Project	 Town Boundaries (thin yellow line)	
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		Photo Numbers
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH



Viewshed map showing PEMB33 (white arrow), Limit of APE for Historic Resources ----- and Project —————

*Historic Resource Assessment*

Property ID: PEMB33

Property Name/Address: 654 Route 28/Pinewood Road, Pembroke, NH

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Photo 4) Google Earth Street View looking north on NH 28/Pinewood Road toward Project in far woods



# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

### Property ID: PEMB35

Property Names/Addresses:

Suncook River Camps/  
Bachelder Road and Buck Street Ext.,  
Pembroke and Epsom, NH



## I. PROPERTY DESCRIPTION AND SETTING

The Bachelder Road Suncook River Camps Area is a group of a dozen small houses that originated as early twentieth century seasonal camps on the wooded bank of the Suncook River in Pembroke and just north of the town line in Epsom. The transmission line passes directly through the area, crossing the river and Bachelder Road.

There are a mix of Ranches, Capes and simple one-story forms. According to the tax cards, four date from the 1910s-20s, five from the 1940s and two from the 1960s-70s. Most of the early cabins have been remodeled and converted for year-round use. The grouping does not appear to have significance as a historic district.

The existing transmission line runs southeast to northwest just south of the Pembroke-Epsom town line. Viewshed mapping shows potential intermittent indirect views of the Project from properties in the area. However, the properties are primarily wooded and the existing transmission line is generally not visible due to deciduous and coniferous trees. The camps were sited towards the riverfront, facing southeast, and views in other directions were not a factor. Across the river is wooded land of Bear Brook State Park.

The best remaining example of the seasonal camp property type is 37 Buck Street Extension in Epsom, which is the only one with potential for individual National Register eligibility. Due to tree-cover, the property could have only minimal oblique views of the Project down the river to the south. Other houses in the vicinity of the Project would not be individually eligible. There is a high potential for views of the Project from 829 Bachelder Road, which is immediately south of the transmission line, but the house appears to have minimal integrity due to modern siding, windows and doors. 817 is one-story, possibly a remodeled mobile home. 815 is a c.2006 house. 811 is dated c.1927, but has all modern siding and windows. More intact buildings are 809 Bachelder Road, which has clapboard siding and stone chimney, and will have views of the Project from open space in the yard, but facing away from the significant view of the riverfront. 745 Bachelder Road may be the oldest cabin, and retains some original features. Located on the wooded riverbank, the

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

viewshed map shows a possible view of the Project looking back to the north from the riverbank, which was not a historically significant view. 723 Bachelor Road is set apart on the riverbank to the south, a 1½ story house with hip roof and stone chimney, dated c.1926. Viewshed mapping shows potential visibility of the Project but any view would be screened by the pines on all sides of the property.

The land along the river was subdivided from neighboring farms in the early twentieth century. Northern lots were Jeremy Spurlin’s farm until sold by his heirs c.1935. According to deeds, Alfred Montminy of 105 North Pembroke Road owned land on the north side of that road to the river. One of the first camps was established c.1916 at 745 Bachelor Road by Alice G. Worcester and her husband Benjamin, owner of the Bachelor-Worcester Company, box manufacturers in Manchester. Other early property owners have not been identified. The nature of this area changed in the 1950s with the bypassing of this section of what had been the main road. Around the same time, the old “Bombay Bridge” from North Pembroke Road across the river to Allenstown was removed. This section of transmission line likely also dates from the early 1950s.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

This group of small houses along the Suncook River does not possess sufficient integrity to be eligible for the National Register of Historic Places as a historic district. The original seasonal cabins were tied to the expansion of outdoor recreation coinciding with private automobile ownership in the early twentieth century. The river provided a site for sporting camps within a short drive of Manchester or Concord. However, only a few properties convey their origins. The only unaltered cottage is 37 Buck Street Extension in Epsom which is still in seasonal use. The cabins at 745 and 809 Bachelor Road have original materials and details, but both were recently raised up on high foundations and would not likely be individually eligible for the National Register.

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the area/district appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Most of the buildings in the area have been extensively remodeled for year-round use and have modern siding and windows. Only one or two cabins remain in seasonal use. The setting in relationship to the river is unchanged, but late twentieth century houses were built all along the

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

opposite side of the road. New construction has altered the way in which the buildings relate to each other and diminished the ability of the area to convey associations with vacation home contexts.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible district?*

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the historic district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the district? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resources.**

**The Project will create a focal point that distracts from the appreciation of the historic resources.**

**The Project will be substantially visible in historically significant views from the historic resources.**

**The Project will isolate the historic resources from the historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the district**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the district.**

*Additional comments relating to effects:*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-2) 37 Buck Street-829 Bachelor Road [Bing Maps Bird's eye]



Photo 1) 37 Buck Street Ext., Epsom, seasonal cottage 0.10 mile north of transmission line, facing southeast [2014 Field Photo: IMG\_4167]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH



Photo 2) 829 Bachelor Road, 0.07 mile north of transmission line, c.1947, remodeled Ranch, facing south-southeast [2014 Field Photo: IMG\_4180]



Key to Photos 3-4) 811-817 Bachelor Road [Bing Maps Bird's eye]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

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Photo 3) 817 Bachelor Road, south of and including transmission line ROW, tax date c.1947, extensively remodeled, looking south-southeast [2014 Field Photo: IMG\_4189]



Photo 4) 811 Bachelor Road, fourth house south of transmission line, tax date c.1927, looking east-southeast [2014 Field Photo: IMG\_4192]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH



Key to Photos 5-9) 723-809 Bachelor Road [Bing Maps Bird's eye]



Photo 5) 809 Bachelor Road, set back from road behind 805, on wooded riverbank, tax card date c.1927, raised on new foundation for flood protection [Pembroke tax card photo]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

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Photo 6) 805 Bachelor Road, facing south [2014 Field Photo: IMG\_4193]



Photo 7) 805 Bachelor Road and garage, facing northeast [2014 Field Photo: IMG\_4195]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

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Photo 8) 745 Bachelor Road, 0.22 mile from transmission line, raised on new foundation for flood protection [Pembroke tax card photo]

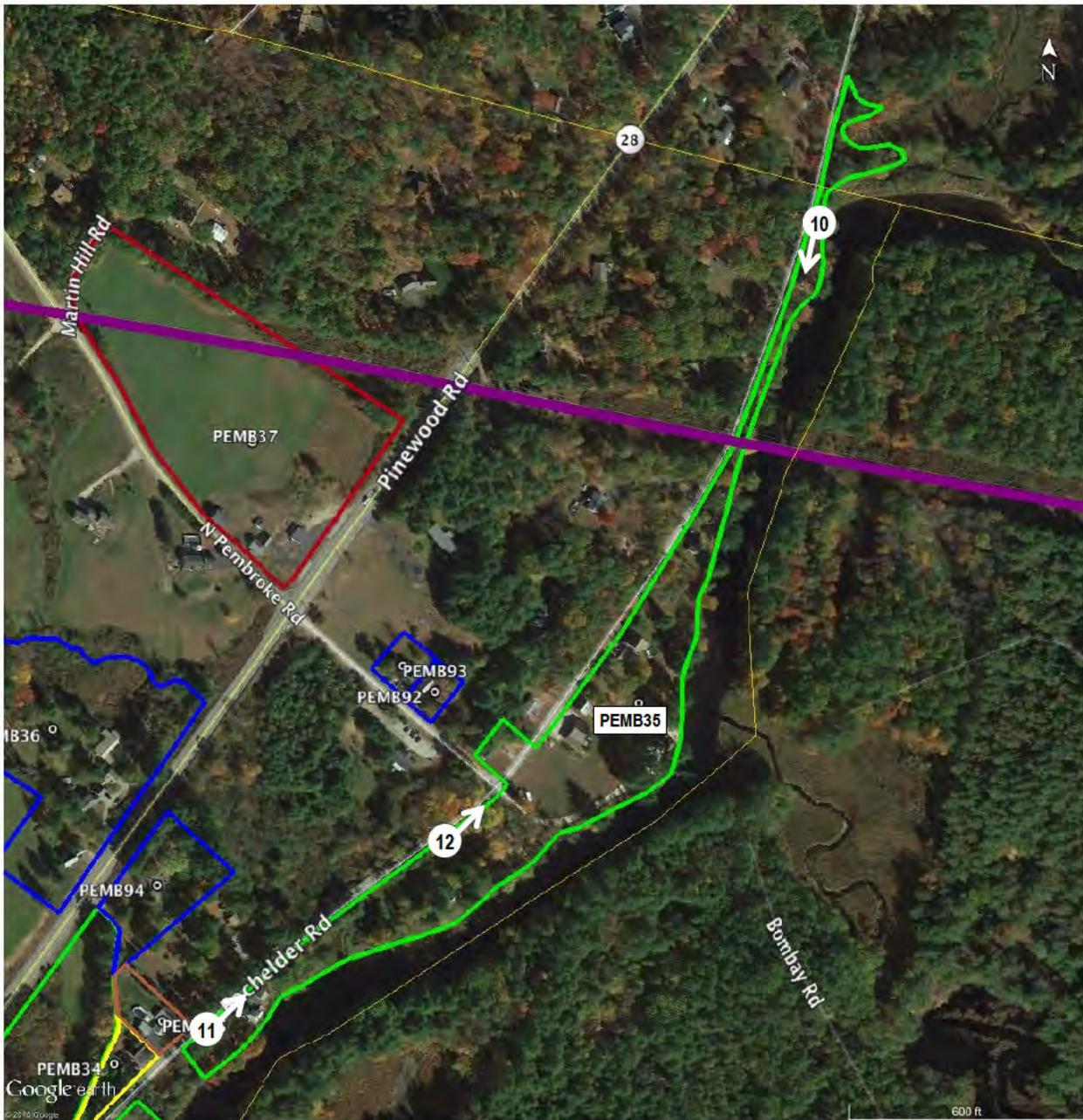


Photo 9) 723 Bachelor Road, facing southeast [2011 Google Earth Street View]

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH



Transmission line passes directly through area

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

**Map Key**

Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project		Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
 Green	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH



Viewshed map showing PEMB35 (white arrow), Limit of APE for Historic Resources ----- and Project —————

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

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Photo 10) Facing south from Epsom-Pembroke town line at 831 Bachelor Road toward transmission line



Photo 11) facing north-northeast from 723 Bachelor Road

*Historic Resource Assessment*

Property ID: PEMB35

Property Name/Address: Suncook River Camps/Bachelor Road and Buck Street Ext., Pembroke and Epsom, NH

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Photo 12) Facing northeast at North Pembroke Road, 805 Bachelor Road right rear

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

### Property ID: PEMB37

Property Name/Address:

Montminy Farm and Country Store/  
105 North Pembroke Road and 808 Route 28,  
Pembroke, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

This property includes an early nineteenth century farmhouse and barn, more recent garage and small mid-twentieth century general store, on a 6.5-acre parcel of mainly open land, across which the existing power line passes about 0.07 mile north of the buildings.

The Montminy property is located on the corner of NH Route 28 and North Pembroke Road. The setting is agricultural on a developing mixed-use road. The house faces the older North Pembroke Road and the store is oriented to a section of NH 28 built c.1955. A field, bordered by stone walls, extends uphill behind the house. The existing transmission line was in place by 1953-54 and dates from within the period of significance of the property, which extended through the mid-twentieth century. It passes diagonally across the northwest corner of the lot and is visible from the whole property and from the roads on two sides.

The house is a 1½-story, center chimney “Cape” of the early 1800s, updated with a front porch in the early twentieth century. The barn stands beside the road northwest of the house. The store represents supplemental commercial income taking advantage of the newly relocated highway. The tax card date for the house is c.1828. Historic maps indicate the owner in the mid-1800s was William Zanes, followed by Bliss and Lemira Charles. Their son Frank Charles lived here and farmed into the early 1900s according to the censuses from Ancestry.com. The boundaries of the historic farm have not been identified, but it extended east along North Pembroke Road to the river at one time.

The Montminy family moved here around 1920. Alfred Montminy (1897-1986) and his wife Azilda (1900-1984) were second generation French-Canadian. Censuses show they were farmers and he did logging. They had five daughters most of whom married and lived in the area. The store was established in 1948 according to the sign. The frontage on NH 28 dates from c.1955 when the highway was re-routed through the Montminy land. Montminy’s Country Store remained in operation through the twentieth century, but is now closed. Elaine Montminy inherited the property and is the current owner. In recent years, the northeast corner of the land was used for as a garden and a farmer’s market was held on the site.

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to be eligible for the National Register under Criterion A, for representing trends and patterns in local history, in the Area of Agriculture. The Montminy house and Montminy Country Store convey historic associations with farming and roadside businesses in the early and middle decades of the twentieth century. The house and barn date to the nineteenth century, but the main character of the existing property reflects its more recent mid-twentieth century period.

The buildings do not appear to be sufficiently well-preserved for architectural significance under Criterion C as examples of specific nineteenth century building styles or periods of construction, though closer inspection would be needed to confirm this. The size of the original farm has not been identified, but the remaining land now associated with the buildings conveys the ongoing small-scale farming of the twentieth century.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The early nineteenth century house and barn retain their original forms, massing and fenestration patterns. Changes to the barn doors and addition of a front porch date from the early twentieth century. The recent siding and replacement windows compromised integrity of materials and workmanship, but the overall design and appearance of the house is clear. The open field provides the historic setting, and the land and buildings together convey the historic associations. The larger setting has been changed by subdivision for new homes across the road. Construction of the existing transmission line coincided with that of the new highway and the general store, within the mid-twentieth century period of significance for the property.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary of the potentially National Register-eligible property would include the entire 6.5-acre parcel currently associated with the historic house, barn and store. It is identified in Town of Pembroke tax records as Parcel 868-0037-000. The open field with stone walls provides an appropriate setting for the buildings and conveys agricultural associations. Other land around it has been subdivided and there are late twentieth century houses on surrounding properties.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The Project will be visible alongside the existing transmission line in the main public views of the historic resource. Two new structures will be located on the parcel, one in the field north of the house and one near North Pembroke Road northwest of the barn. There will be another structure on the east side of Route 28 that will be visible when viewing the property from the south.

The transmission line right-of-way crosses the Montminy Farm through the open field, uphill from the road. The existing 115-kV line is visible behind the historic buildings, facing northwest and north from Route 28 and from North Pembroke Road. Installed in the 1950s, it dates from within the historic period of significance for the property. The wooden monopoles are situated at the edges of

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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the open field. Lower than tops of the nearby trees, they are silhouetted against the dark backdrop of the wooded hillside beyond.

The proposed 345-kV line will be within the existing 150' wide ROW, south of the 115-kV line, closer to the buildings. The conductor wires and two structures of the Project will be substantially visible when viewing the barn, house and store from Route 28 and North Pembroke Road. The new higher transmission line will add to the effect on the property and diminish the integrity of the rural setting. The tops of the new structures and conductor wires will rise above the trees in the background to be silhouetted against the sky over the roofs of the historic buildings. One new structure will be located in the field approximately 0.07 north of the house. It will be 125' tall and visible above the house and behind the store, looking northwest from Route 28 and between the house and barn facing north from North Pembroke Road. One 135'-tall structure will be 0.09 mile northwest of the barn at the southeast corner of the parcel. It will be seen behind the barn on North Pembroke Road and approaching the property from the north or south on Route 28.

To minimize the visual effect on the Montminy Farm and Country Store, two lattice structures on the parcel were changed to weathering steel monopoles in Project design, reducing the contrast in color and form relative to the trees in the background. Three additional structures were also changed to monopoles, two to the east and one to the west. These will somewhat improve the contrast of the structures against the trees in the areas surrounding the farm lessening the visual impact of the Project in the overall area thereby improving the viewer's ability to understand the significance of the site.

The Project will not affect historically significant views from the historic resource. The views looking outward from the buildings are not a character defining feature of the farm. The buildings are oriented towards the roads, farmyard and driveways. The view from the back of the house across the fields toward the Project is the secondary view. The house faces southwest toward North Pembroke Road where there is a late twentieth century house directly across the street. The storefront faces Route 28 and open land across the road now associated with a 1970s house.

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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#### IV. SUPPORTING MATERIALS



Key to Photos 1-6 [2015 Bing Maps Aerial]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 1) House and store from corner of North Pembroke Road and Route 28, facing north; new structure will be visible above the house [2014 Field Photo: IMG\_4215]



Photo 2) House from Route 28, barn at left rear [2014 Field Photo: IMG\_4198]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 3) House, facing east-northeast from North Pembroke Road [2014 Field Photo: IMG\_4214]



Photo 4) Barn from North Pembroke Road, new structures will be in background to right and left [2014 Field Photo: IMG\_4213]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 5) Montminy's Country Store from Route 28 facing north-northwest toward power line [2014 Field Photo: IMG\_4209]



Photo 6) Rear of buildings looking down North Pembroke Road, southeast [2014 Field Photo: IMG\_4212]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28,  
Pembroke, NH

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Historic USGS 1957 showing new highway and transmission line  
(<http://docs.unh.edu/NH/sunc57sw.jpg>)

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH



Project crosses property, about 0.07-mile north of historic buildings

**Map Key**

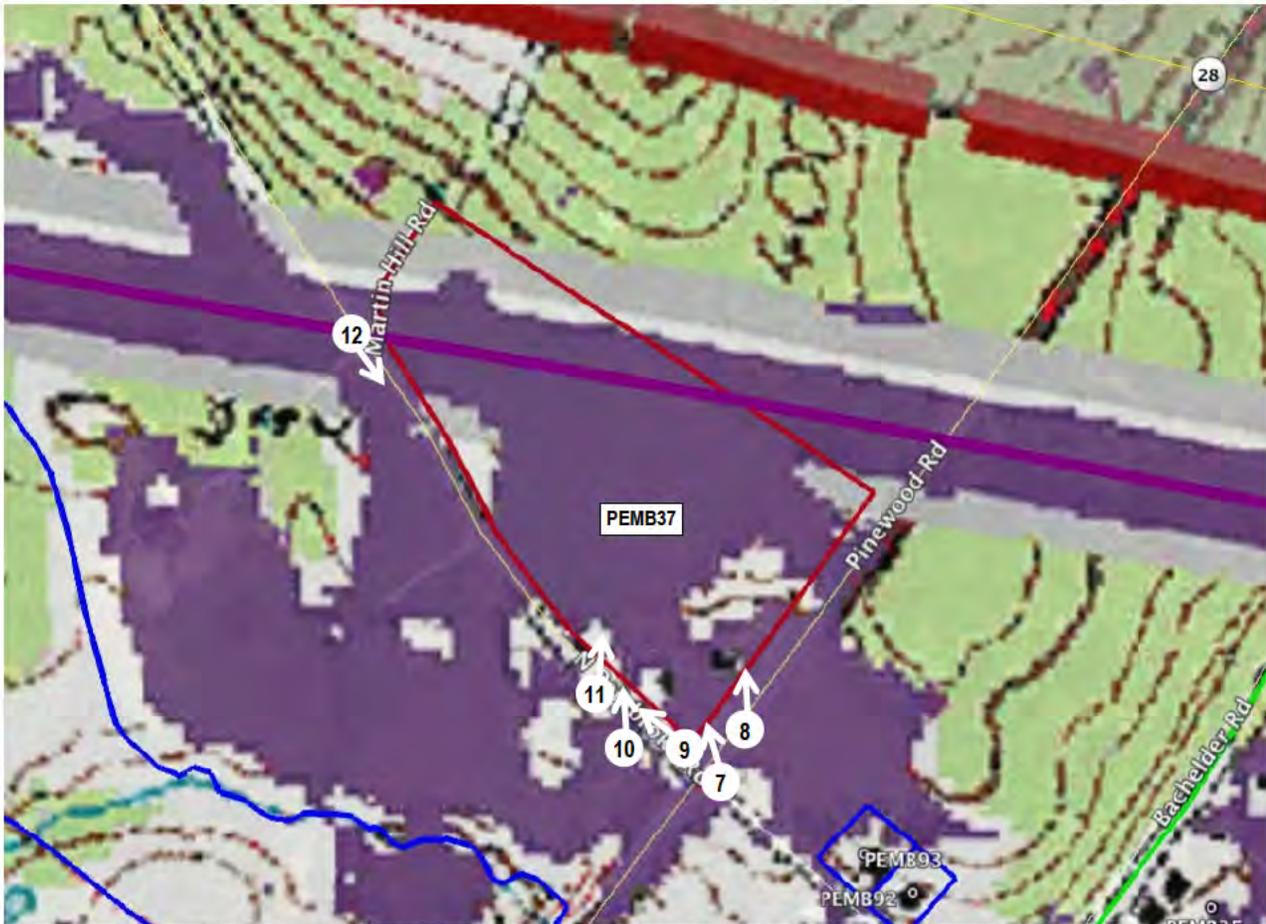
Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH



Viewshed map showing PEMB37, Limit of APE for Historic Resources  and Project 

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Key to view Photos 7-12 [2011 Bing Bird's-eye view]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 7 ) North Pembroke Road/NH Route 28 intersection, facing north-northwest toward existing transmission line with local delivery wires in foreground, approximate location of proposed new structure indicated by arrow [2013 Field Photo: IMG\_2010]



Photo 8) Montminy's County Store, facing north from Route 28 with existing transmission line behind [2013 Field Photo: Pano\_4205-4208]

*Historic Resource Assessment*

Property ID: PEMB37

Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 9) North Pembroke Road, facing northwest, arrow shows location of proposed new structure [2010 Google Earth Street View]



Photo 10) House from North Pembroke Road, facing north; proposed structure will be visible in the background between house and barn [2010 Google Earth Street View]

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Property Name/Address: Montminy Farm and Country Store/105 North Pembroke Road/808 Route 28, Pembroke, NH

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Photo 11) Barn, showing field and existing transmission line, facing north from North Pembroke Road [2013 Field Photo: IMG\_2021]



Photo 12) North Pembroke Road facing southeast at approximate location of proposed new structure



# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: PEMB91**

Property Name/Address:

Buck Street Cemetery/  
Bachelder Road and Route 28, Pembroke, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

The Buck Street Cemetery is a small nineteenth century public burying ground, located on the southeast side of the Bachelder Road (Old Buck Street) at the NH Route 28 intersection, just over 0.5 mile south of the Project which is potentially visible.

The Buck Street Cemetery contains 2.5 acres. The original section dates from 1799. The burying ground was expanded in 1853 and again in 1871, with land from the adjacent farms. This was a neighborhood cemetery in the eastern part of town. It served the East Pembroke community and the surrounding rural area. Buck Street was the early route up the west side of the Suncook River between Suncook Village and Epsom and historically included the length of Bachelder Road, bypassed by Route 28 c.1955.

The cemetery is laid out in a grid of square plots with central monuments. The earlier headstones are in rows. Markers are granite and marble. A few plots are outlined by granite walls. The open grassy site has minimal landscaping. It is bordered on the rear (southeast) by the wooded bank of the Suncook River. Roads through the middle and across the back of the site are paved. Fencing along the roadside is a combination of fieldstone walls, granite curb, and granite post and chain fencing. Open space at the front (northwest) edge of the cemetery was created when Route 28 was rebuilt.

The Buck Street Cemetery, the large Bachelder Farm complex to the northeast and smaller nineteenth century farmhouses at 654 Route 28 and 720 Bachelder Road were part of a historic rural area that does not appear to retain integrity as a potential historic district due to subdivision of farm land and new home construction in the mid to late twentieth century.

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?

Y  N

The Buck Street Cemetery is one of eight town-owned burying grounds in Pembroke. They are located throughout the town and date from various periods. The Buck Street Cemetery reflects use throughout the nineteenth century. It may meet National Register Criteria Consideration D for Cemeteries, for significance in Community Planning and Development under Criterion A or for its design under Criterion C. It appears to be a good typical example of a rural neighborhood cemetery of the nineteenth century. For the purposes of this assessment it is considered eligible. Cemeteries are identified in the 2015 Northern Pass – Merrimack River Valley Project Area form by SEARCH.

**b. Integrity:**

Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:

Design: Y  N  Setting: Y  N  Materials: Y  N  Workmanship: Y  N   
Feeling: Y  N  Location: Y  N  Association: Y  N

The Buck Street Cemetery retains integrity from the 1870s when it reached its present size and configuration. The most substantial change was the rerouting of NH 28 which changed the roadside setting of the cemetery in the 1950s. The cemetery has integrity in terms of the pattern of plots, monuments and headstones, fencing and curbing. The stones are intact and in good condition. The site is well-maintained.

The property does not appear to have potential for National Register eligibility based on visually related areas of significance.

**GO NO FURTHER**

The property appears to have potential for National Register eligibility based on visually related areas of significance.

**c. Boundary Discussion**

How much of the parcels of land associated with the historic structures appears to be part of the eligible property?

A National Register eligible property would include the entire 2.5 acre parcel currently associated with the cemetery, as recorded on Town of Pembroke tax maps. The lot is bounded on the southeast by the bank of the Suncook River and on the northwest by Bachelor Road and the old discontinued road, with Route 28 at one corner. On the northeast is the Batchelder Farm.

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The Project is a half-mile north of the Buck Street Cemetery. The main public views of the cemetery are from Bachelor Road and Route 28 facing east and southeast, away from the Project. Within the cemetery, the gravestones are viewed facing southeast. The wooded riverbank is in the background and the Project is not in view.

The Project may be visible from the Buck Street Cemetery facing northwest. However, the view looking outward from the site is not a character defining feature. The cemetery was surrounded by open farmland and a specific scenic view was not a factor in its design. The chosen site was a narrow flat piece of land between Buck Street and the steep riverbank.

When approaching the cemetery from the south on Route 28, there may be an isolated view of the Project in the background of an indirect view of the resource. Most of the Project will be screened by the woods along the transmission line corridor. The top of the proposed line may rise slightly above the trees at isolated points, but will be silhouetted against the wooded hillside to the north.

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH

#### IV. Supporting Materials



Key to Photos 1-2 on Google Earth detail of cemetery



Photo 1) Buck Street Cemetery, facing southeast [2014 Field Photo IMG\_4141]

*Historic Resource Assessment*

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH

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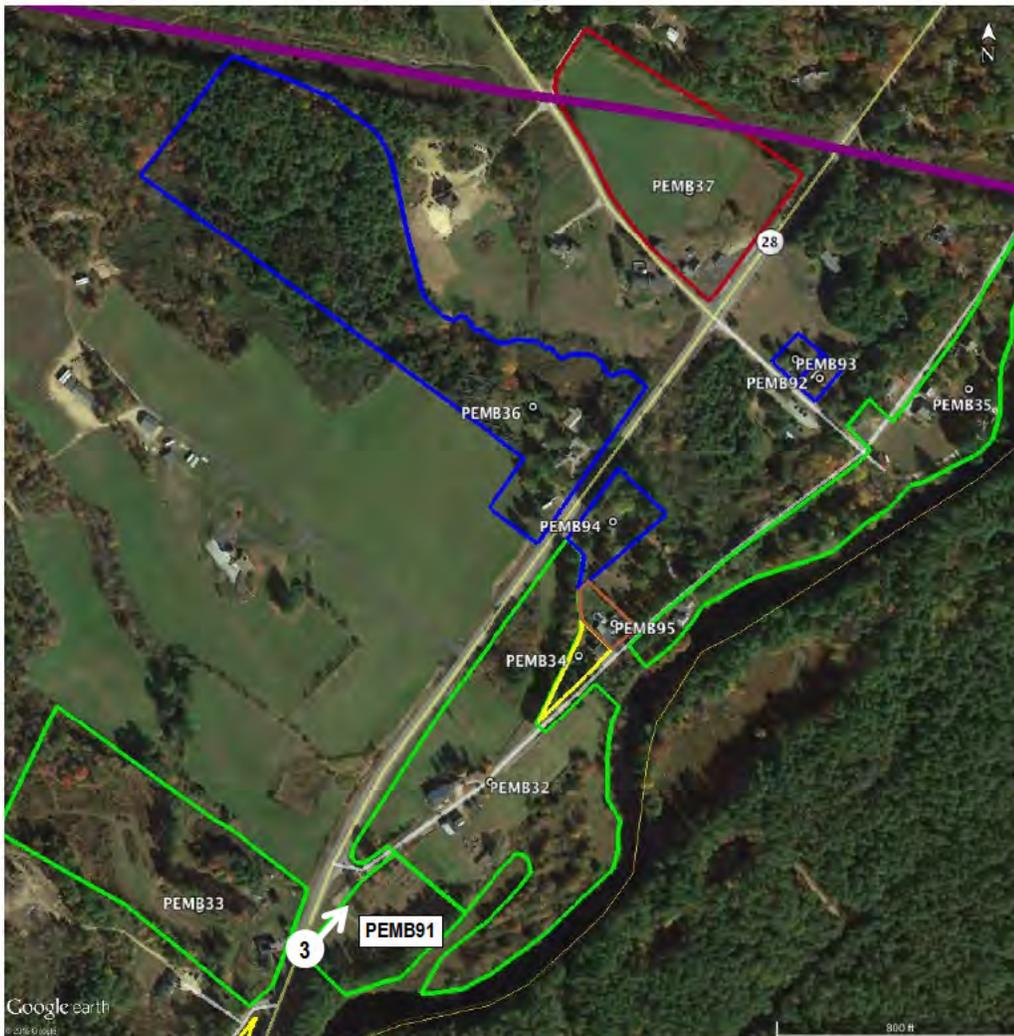


Photo 2) Buck Street Cemetery, facing south away from Project area [2013 Field Photo: IMG\_1980]

*Historic Resource Assessment*

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH



Cemetery is 0.5 mile south of the Project

**Map Key**

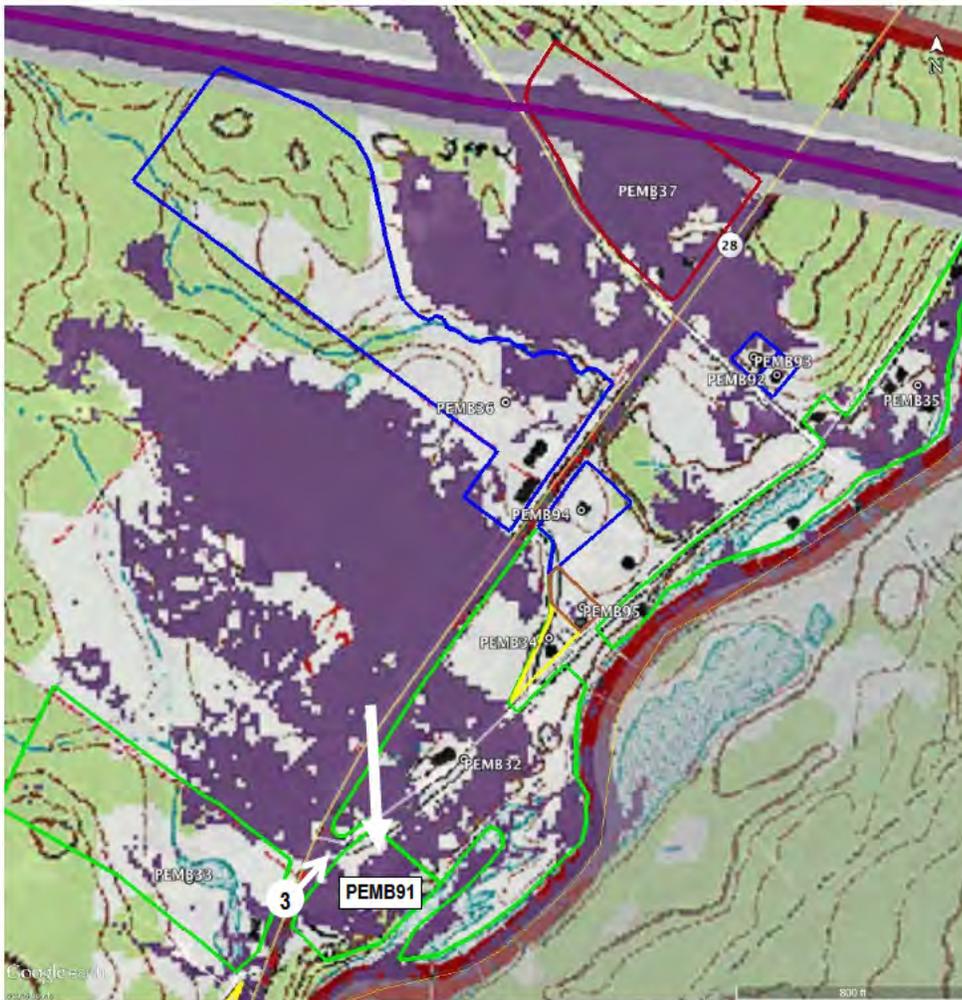
Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH



Viewshed map showing PEMB91 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 3) Google Earth Street View facing northeast on NH 28/Pinewood Road, cemetery on right and transmission line in distant woods

*Historic Resource Assessment*

Property ID: PEMB91

Property Name/Address: Buck Street Cemetery/Bachelor Road corner NH 28, Pembroke, NH

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Bing bird's-eye view facing east, showing distance and intervening properties between transmission line at left and cemetery at right

# Northern Pass Project Historic Resource Assessment

## *Town Summary*

### CONCORD

#### *Summary of Historic Resources and Effects*

Two-hundred-eight (208) properties or areas/districts with buildings estimated to be fifty years of age or more were identified in the two-mile wide APE in Concord. Fifteen (15) properties and areas/districts were both shown on the viewshed maps and confirmed in the field to have potential views of the Project. Eight (8) Individual and seven (7) Large Area/District Historic Resource Assessment forms were completed for those resources. Only one individual property resource – Maple View Farm on Shaker Road – appears to be National Register of Historic Places eligible and to have potentially adverse effects from the Project. One (1) previously determined eligible district resource, two (2) previously determined eligible individual resources within a previously determined not eligible district, seven (7) potentially eligible individual and area resources appear not to be adversely affected. Five (5) individual and area resources appear not to be National Register eligible.

#### *Previous Historic Resources Documentation*

Twenty-eight (28) individual properties and districts in Concord are listed in the National Register of Historic Places, of which only one is located within the APE. The Leavitt Farm, 103 Old Loudon Road (CONC64), which was placed on the National Register of Historic Places in 1982, is near the northeasterly boundary of the APE for historic resources. The H. Styles Bridges House, 21 Mountain Road, which was placed on the National Register of Historic Places in 2005, is located just over two-tenths of a mile west of the APE and is located within the East Concord Historic District which is located mostly outside the APE. The Bridges House is also listed on the New Hampshire State Register of Historic Places, added in 2005. A second property listed on the State Register located adjacent to the East Concord Historic District, is Emery's Tavern, added 2004, and also located just outside the APE.

Concord because of its size and its role as the state capital has a large number of historic resources including many in the APE, though a greater number are located outside the APE, especially on the westerly side of the Merrimack River. The Concord Historic District, added to the National Register of Historic Places in 1975 and the Concord Civic District, added in 1983 and both located within Downtown Concord on the west side of the Merrimack River are more than 1.80 miles west of the APE and will have no views. Because the Project passes the length of the easterly portion of the city two of the City's historic villages as identified in the 2008 Master Plan are located within or partially within the APE. East Concord Historic District, which has been determined eligible for the National Register, is located predominantly outside the west edge of the APE; only a small portion on Cemetery and Shawmut streets extend into the APE but there are no views. Concord Heights is located entirely within the APE and includes views in places. A number of different resources within Concord Heights have been previously documented. In 2006 the New Hampshire State

Military Reservation was recorded on a New Hampshire Division of Historical Resources Historic District Area Form and one additional resource within the Reservation, once it achieved fifty years of age was recorded. The Grant/Greeley Area was recorded on a New Hampshire Division of Historical Resources Project Area Form in 2008. In 2011 the Concord Municipal Airport was recorded on a New Hampshire Division of Historical Resources Historic District Area Form and the Airport Area Road, along the westerly side of the airport, was recorded on a New Hampshire Division of Historical Resources Project Area Form. In 2013, The Northern Railroad Corridor, which traverses eleven New Hampshire communities from Concord, west to the Connecticut River in West Lebanon, was recorded on a New Hampshire Division of Historical Resources Historic District Area Form. In Concord the Northern Railroad corridor is located two or more miles outside the APE, running along the west side of the Merrimack River.

### *Geographical and Historical Context*

Relevant historical contexts for the city of Concord are discussed in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH. Property types within the APE in Concord include residential, agricultural, industrial, religious, public, educational, cemeteries recreational, and transportation-related resources.

Concord is the state capital of New Hampshire and the third largest city in the state with a population of over 42,000. Located in the south central part of Merrimack County, it is also the county seat. The population is concentrated in the central part of the city on the west side of the Merrimack River (outside the APE) which winds the length of the easterly third of the city. Additional nodes of concentrated settlement radiate out from the urban core and include the historic village centers of Penacook near the town line with Boscawen and West Concord on the west side of the river and East Concord and Concord Heights on the east side. The geography of Concord includes several broad river valleys, uplands, rocky and hilly terrain, multiple streams, and several lakes and ponds. The Soucook River, which runs along the city boundary with Pembroke, feeds into the Merrimack just outside the APE. The Contocook River, on the west side meanders west after entering the city boundaries in Penacook Village. Two ponds, Turtle Pond and Snow Pond are in the APE and historically in the vicinity of eighteenth- and nineteenth-century farms. Oak Hill, with rough terrain and ledge outcrops, is the highest elevation in the APE, rising to nearly 1,000'. South of that in the central part of the APE is the area known as "Broken Ground," a largely unsettled area of rough, rocky, and hilly terrain.

The city is bisected by a historic transportation corridor that parallels the Merrimack River and remains an important corridor, though generally outside the APE except in a few locations where it skirts the western edge of it. Beginning in the nineteenth century that corridor was expanded on both sides of the river along the relatively flat areas of the river plains with the arrival of railroads. The Northern Railroad ran along the west side of the river north of the city center and the Boston, Concord, and Maine Railroad ran along the east side of the river north of the city center. In the twentieth century that corridor expanded further with the construction of US Route 3 on the west side and US Route 4 on the east side and more recently, Interstate 93 which crosses the river just north of the city center. Additional major transportation routes include Interstate 393/Route 202 which runs easterly-westerly in

the APE and intersects with I-93 just north of Concord Heights. NH Route 132 runs much of the length of the APE, paralleling I-93 in places, and partially follows a historic turnpike. NH Route 106 is partly in the APE, generally paralleling the Soucook River between the Pembroke and Loudon town lines. NH Route 9 runs easterly-westerly through the APE around Concord Heights and Concord Plains. U.S. Route 3 briefly traverses the southerly end of the APE near the town line with Pembroke. The APE also has multiple local historic roads criss-crossing the area and some new multi-lane roads around Concord Heights and the modern commercial and governmental development.

Because of its size, significant waterways, expanses historically of uplands and fertile land, the city has had a diverse economy over the course of its history. Industry and agriculture were the major economic engines in the eighteenth and nineteenth centuries. The nineteenth- and twentieth-century mills were concentrated in the city center close to the river and in Penacook Village along the Contoocook. The presence of state government has always been important to the local economy and became more so in the twentieth century with the construction of several state facilities on the west edge of Concord Heights above the Merrimack River. The New Hampshire State Encampment Grounds (now the State Military Reservation) were established in Concord Heights in the late nineteenth century. Within the APE historically agriculture was the main source of income for residents in the eighteenth and nineteenth centuries. Much of the area within the APE was sparsely settled until the early twentieth century, including the Concord Heights area. At that time, residential development began in the Concord Heights area and then over the course of the twentieth century continuing along historic and new roads with more housing to accommodate the increasing number of residents. In the 1950s, the city established industrial zones, including a large one in the vicinity of the Concord Municipal Airport in Concord Heights. Over the next fifty years that area developed with commercial, light industrial manufacturing, and corporate parks. Loudon Road, a major route between Concord and Portsmouth, over the course of the twentieth century became a significant commercial corridor with stores, office buildings, and large apartment blocks and condominiums. Sheep Davis Road and the land between it and the Project, as part of the industrial zone, were developed with light manufacturing and warehouses in the second half of the twentieth century.

Two historic villages and expanses of historic farmland with encroaching suburban, commercial, and state governmental development characterize much of the APE. The house forms include center-chimney houses, L-houses, gable-block houses, end houses, modern capes, and ranch houses. A number of the farmhouses have connected outbuildings. The APE also contains some cemeteries which appear to meet Criteria Consideration D. Settlement is densest in the southerly half of the APE, closer to downtown Concord and includes a twentieth-century industrial zone, predominantly to the northeast of the airport. The northerly half is less densely settled and includes most of the agricultural properties (eighteenth and nineteenth century) though few are still farmed. In the southerly portion the historic resources include large resources such as the city airport and State Military Reservation, and commercial warehouses. They also include small late nineteenth- and early twentieth-century residential neighborhoods with a mix of housing types and styles. In the central and northerly part the APE contains a mix of eighteenth- through twentieth-century resources, predominantly residential but also some institutional buildings, such as a country club. The greatest number of agricultural properties are in the northerly third of the APE and

include a mix of late eighteenth and nineteenth-century farms with farm houses in the Federal, Greek Revival, Italianate, Gothic Revival, and Classical styles and gable-front barns (some connected), typically arrayed laterally along local roads. The northerly half also includes a later layer of mid-twentieth-century housing, introduced in the post-war period as increasing numbers of residents settled outside the urban and village cores on suburban lots. The Project crosses multiple roadways as it travels through Concord, in a number of instances passing through or adjacent to neighborhoods (or former neighborhoods) and agricultural areas. In many other places, the Project traverses ridges or low-lying areas, removed from areas of settlement.

### *History of the Transmission Line in Concord and Existing and Proposed Structures*

The first PSNH line easement in this section dates from 1928 through 1969, with a transmission line built c.1929. Additional easements ranging from 225' to 265' were acquired between 1949 and 1957. The structures of the two existing 115 kV lines (one built c.1951, the other built c.1966) range in height from 28' to 95.5'. An existing distribution line is located on the west side of the corridor from south of the Oak Hill Substation to the first corridor alignment offset.

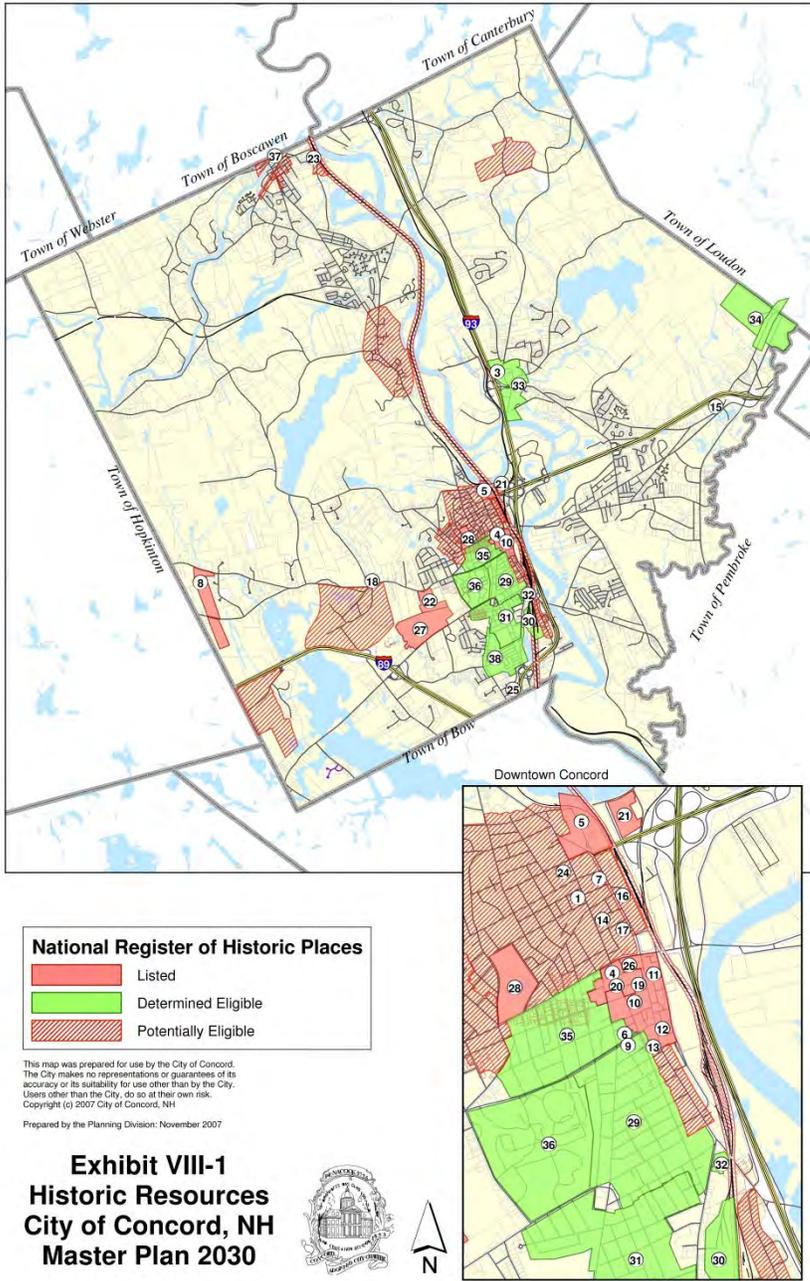
The proposed 345-kV line will be located in the center of the corridor on structures ranging in height from 48' to 125'. The 115-kV line on the east side of the corridor will remain in place; the 115-kV line to the west will be relocated further west to make room for the proposed 345-kV line. The relocated 115-kV line will be supported by structures ranging from 42' to 120'. The existing distribution line will be reconstructed on the west side of the corridor.

### *Route Description*

The Project runs 8.1 miles north-south through the easterly portion of Concord. It is more than 2.75 miles east of Downtown Concord and a mile east of East Concord. It does pass through Concord Heights. The historic resources within the APE include a diverse mix of building types and styles on a variety of roads.

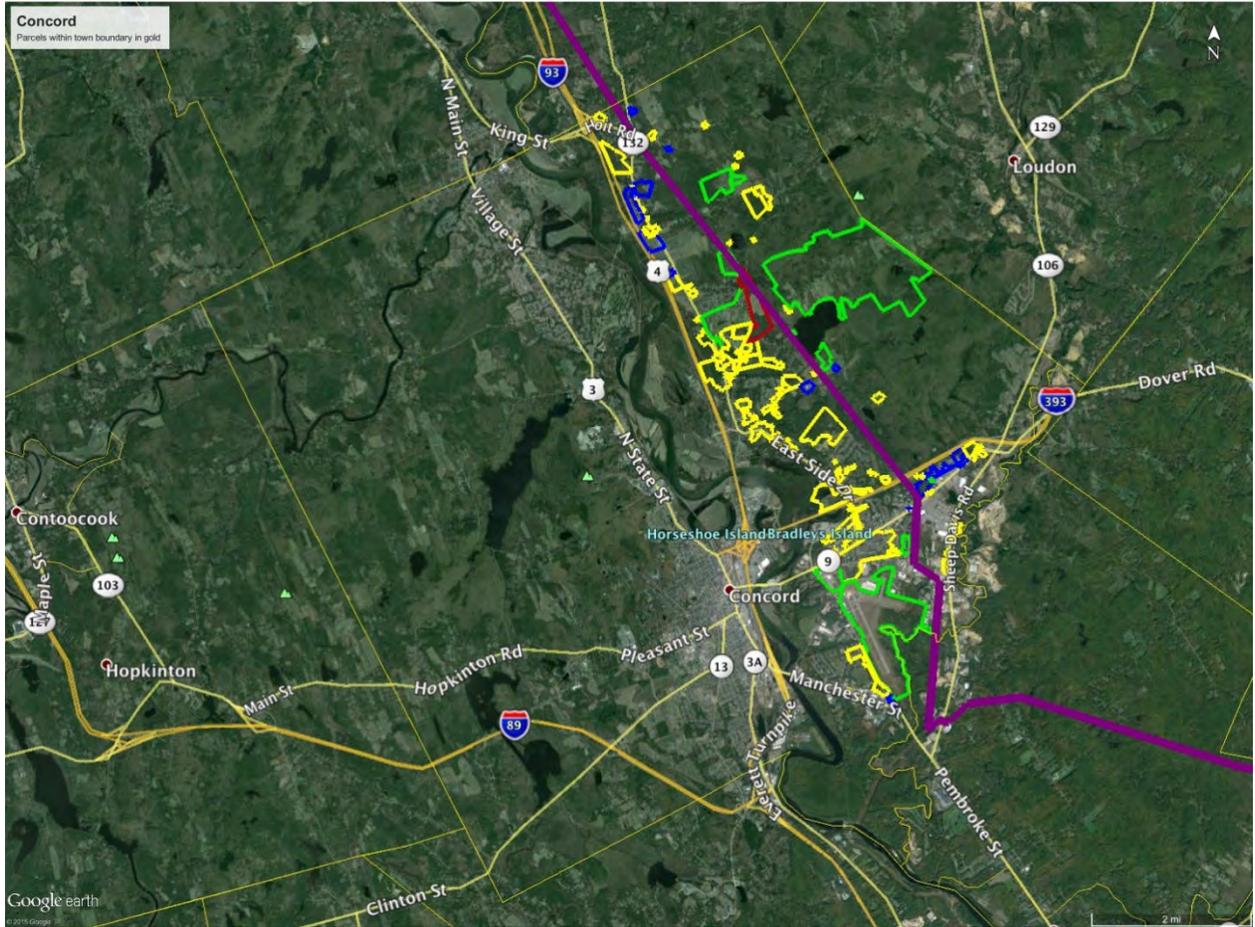
At the Pembroke border the line traverses a densely developed twentieth-century industrial area with few historic resources. Resources to the west along the east side of Airport Road have distant and intermittent views of the Project but few are historically significant. Resources to the east along Route 106 lack views because of distance and screening. Immediately west of where the Project crosses Pembroke Road, several houses in a mid-twentieth-century subdivision have views but they are indirect and construction of the houses post-dates that of the existing ROW. The resources to the west and northwest in Concord Heights have no views because of distance and screening. Several altered resources on Old Loudon Road just northeast of its intersection with Loudon Road, have views but the area has many modern intrusions. Resources further northeast on Old Loudon Road and along Portsmouth Street have isolated views from open areas but not from the road or from the historic buildings. The historic resources to the west of the Project along Route 132 and Portsmouth Street after it crosses Route 132 have no views. Several properties on either side of Appleton Street where the Project crosses have views in cleared areas but not in views of the historic resource or from the historic resource. One multiple resource area has several indirect views from the historic resources but these are not character-defining views. To the

east, as the Project passes along the southwest edge of Turtle Pond a number of historic resources along Oak Hill Road have indirect, and distant views, from open areas around the resources. One resource, 86 Oak Hill Road (CONC50), a c.1940 ranch house located immediately adjacent to the Project has views but it was built after the ROW. Resources to the west in East Concord along Shawmut Street, the southerly portion of Shaker Road, and Route 132 have no views owing to distance, topography, and screening. Where the Project crosses Shaker Road, however, it is substantially visible in historically significant views from Maple View Farm (CONC47) and also in main public views of the resource as one approaches it along the road on a rise. Resources along Mountain Road have views in open fields but not in main public views of the resources or in historically significant views from them due to distance, screening, and topography. To the east on Graham Road several historic resources have similarly distant and intermittent views in open fields. Soon after traversing the intersection of Hoit and Mountain roads and the property of a house built after construction of the ROW the Project crosses into Canterbury.



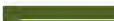
Map of Historic Resources from 2008 Master Plan

Mapping – Project within Town Boundary Map

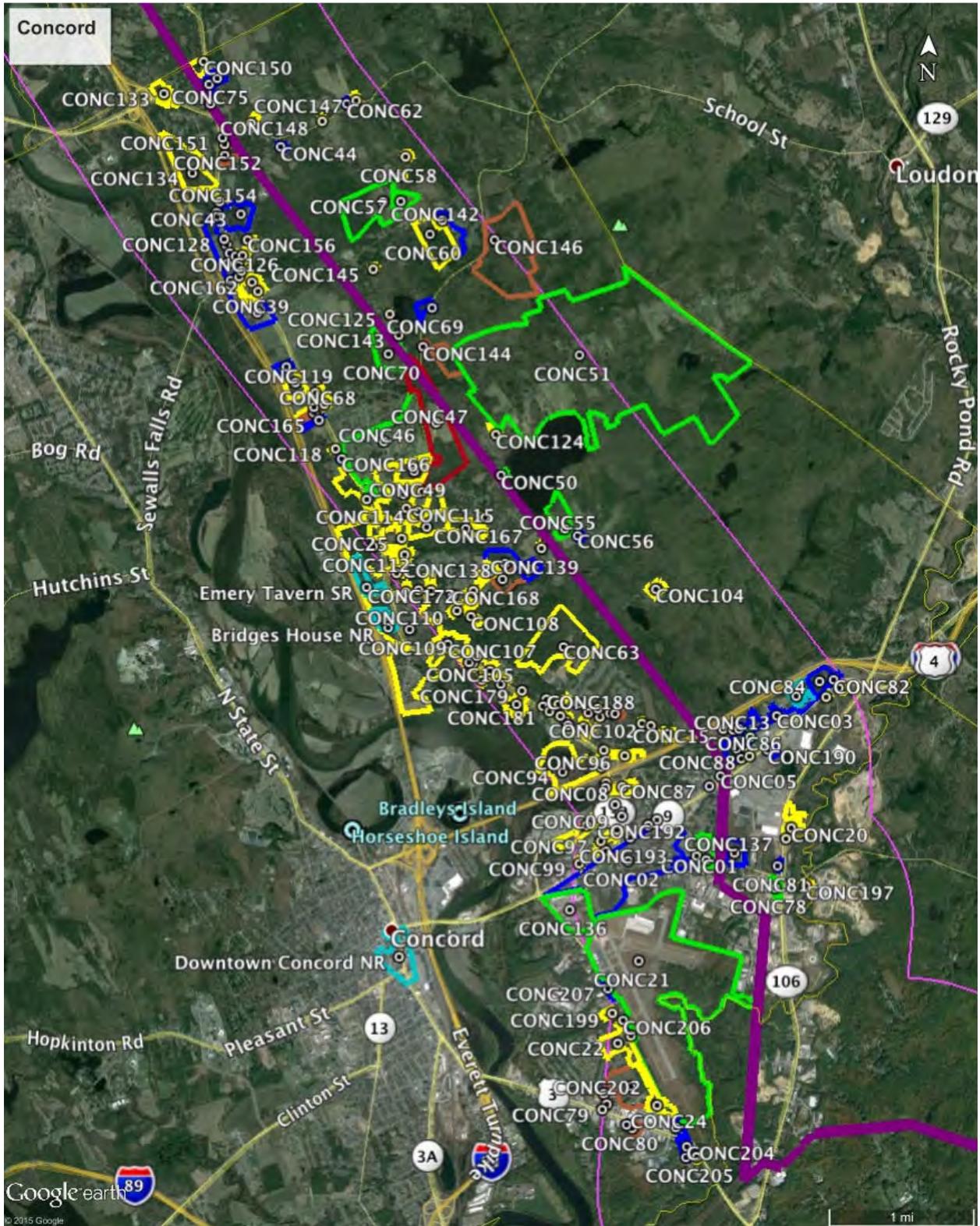


Map Key

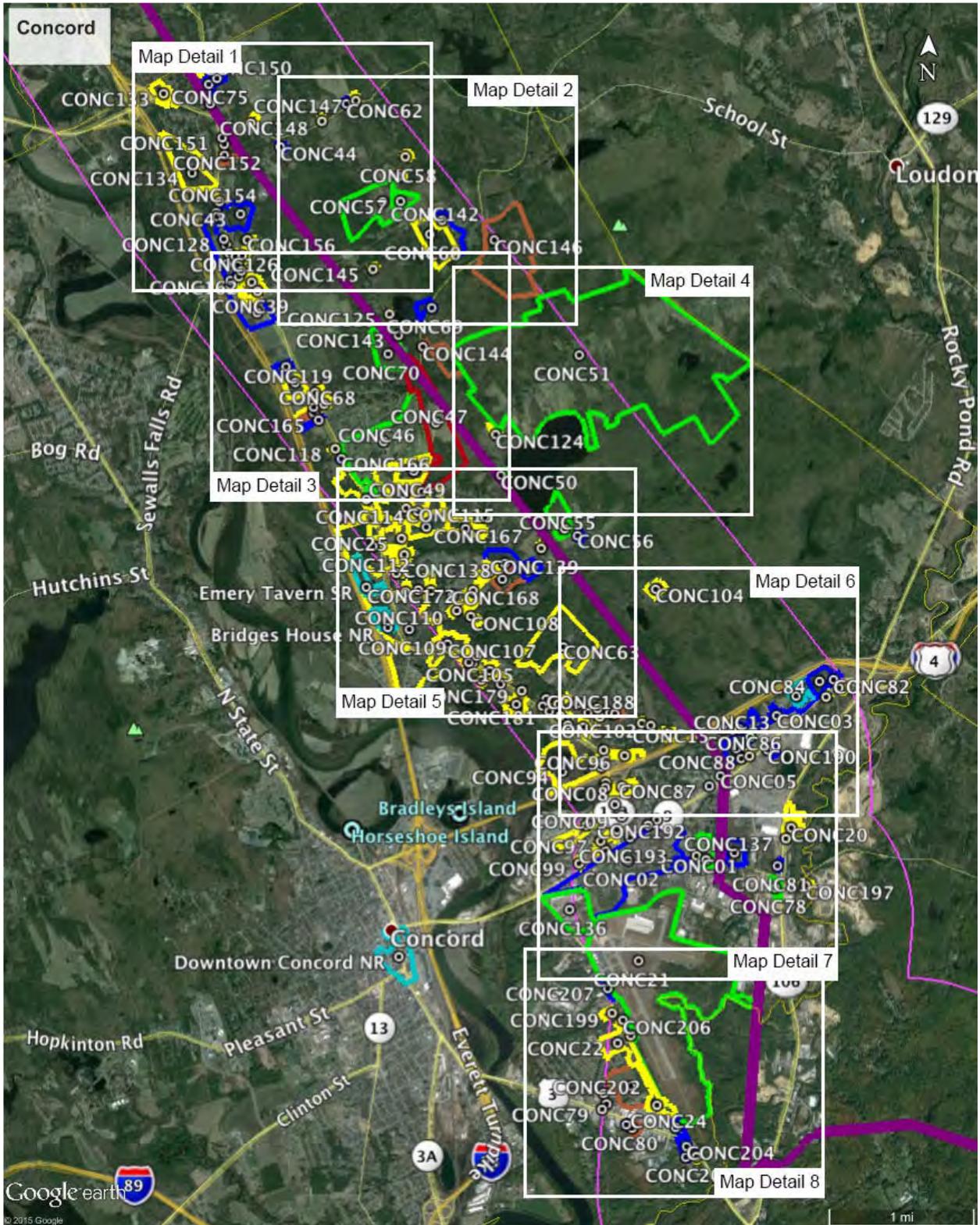
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)		
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

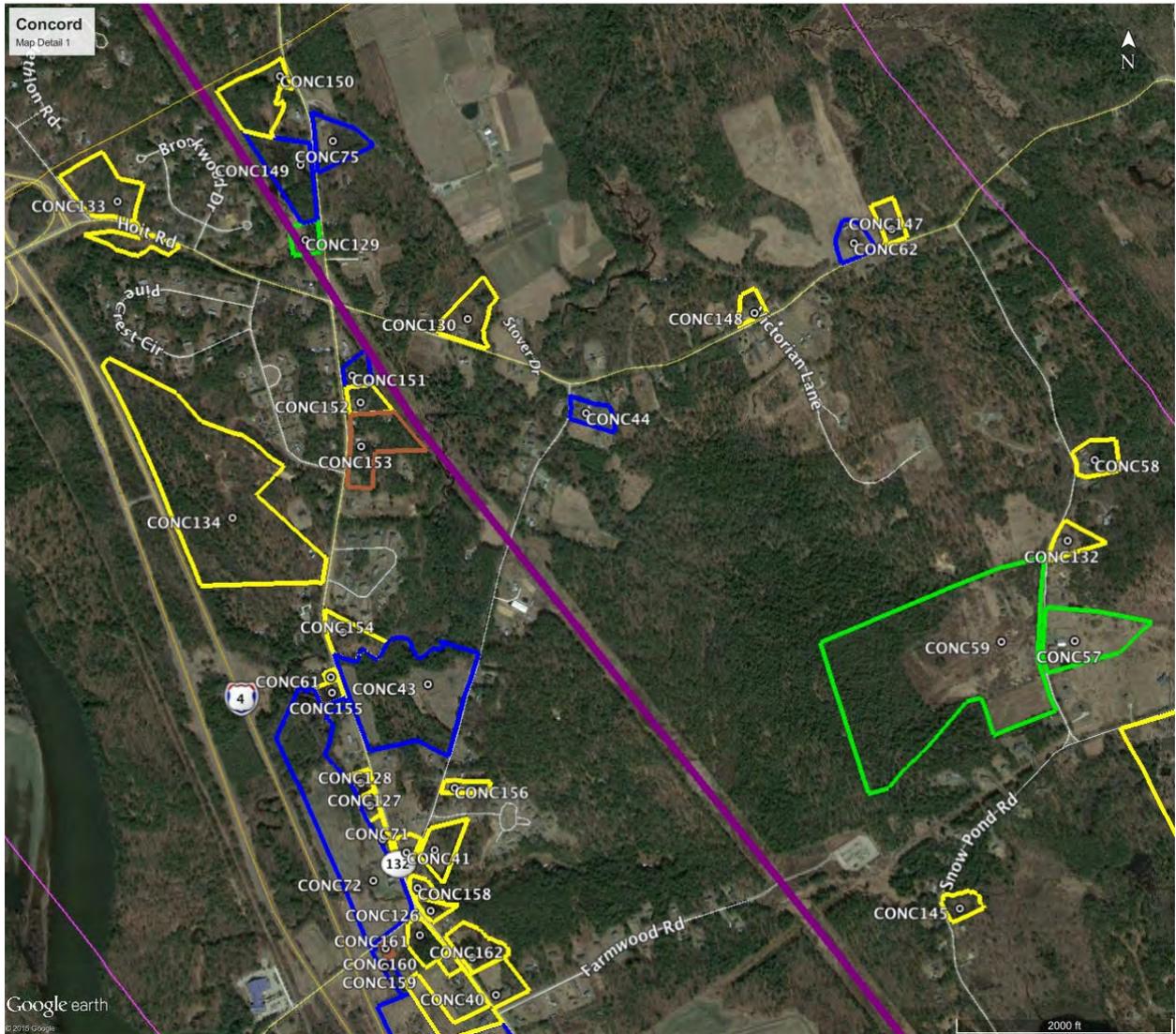
Mapping – Overall Project Map

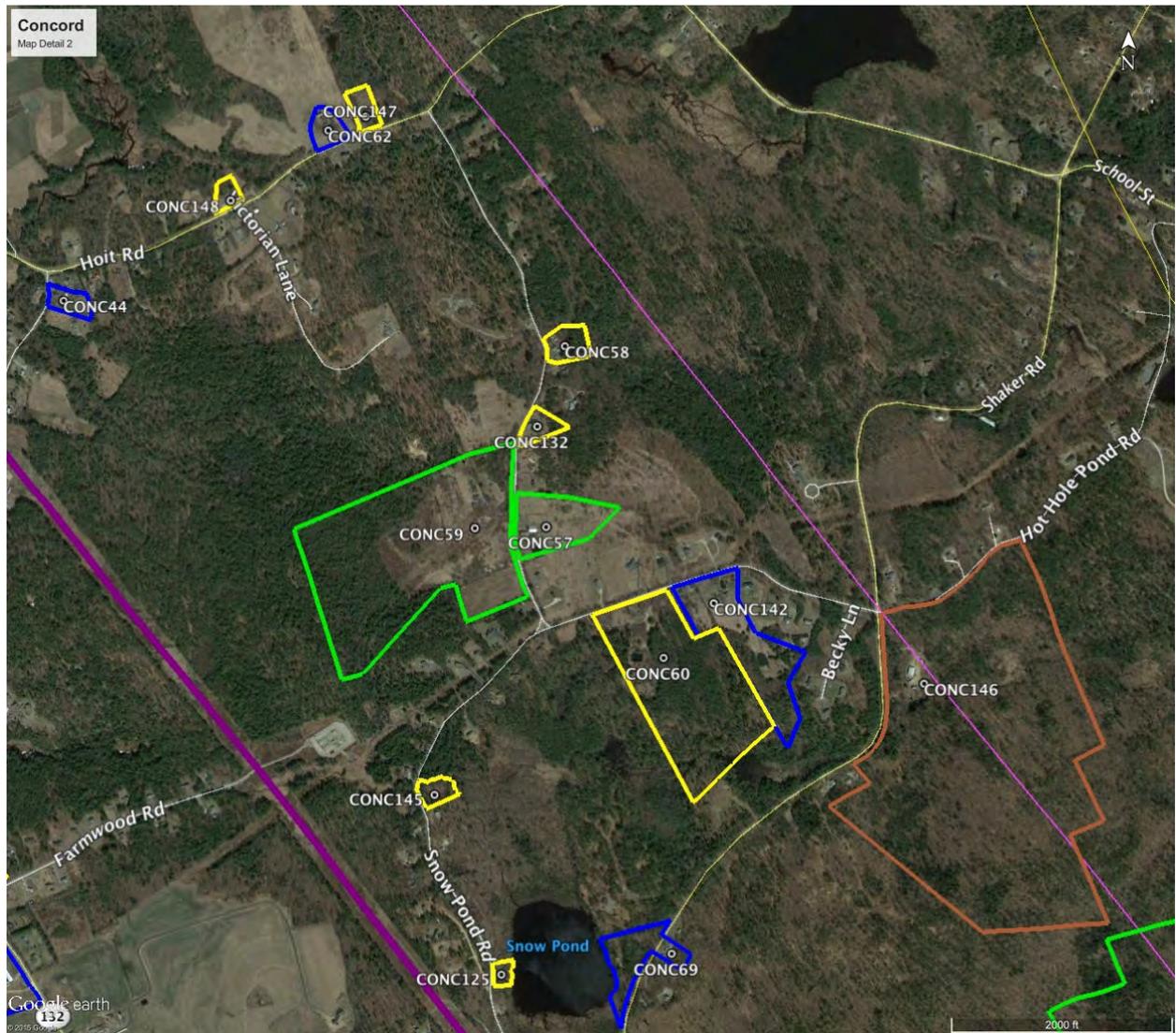


Mapping – Key to Detail Maps



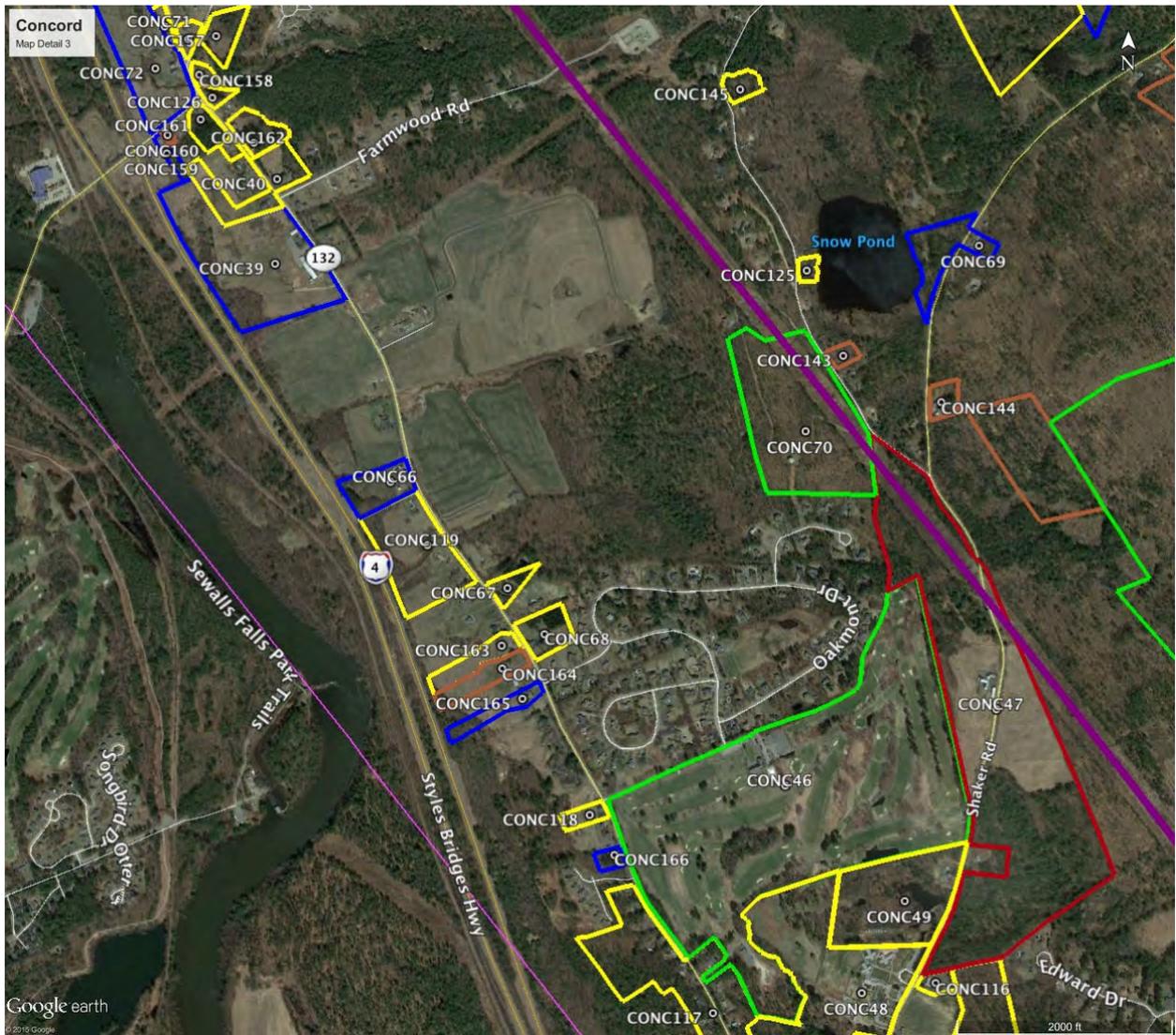
Mapping – Detail Maps from North to South

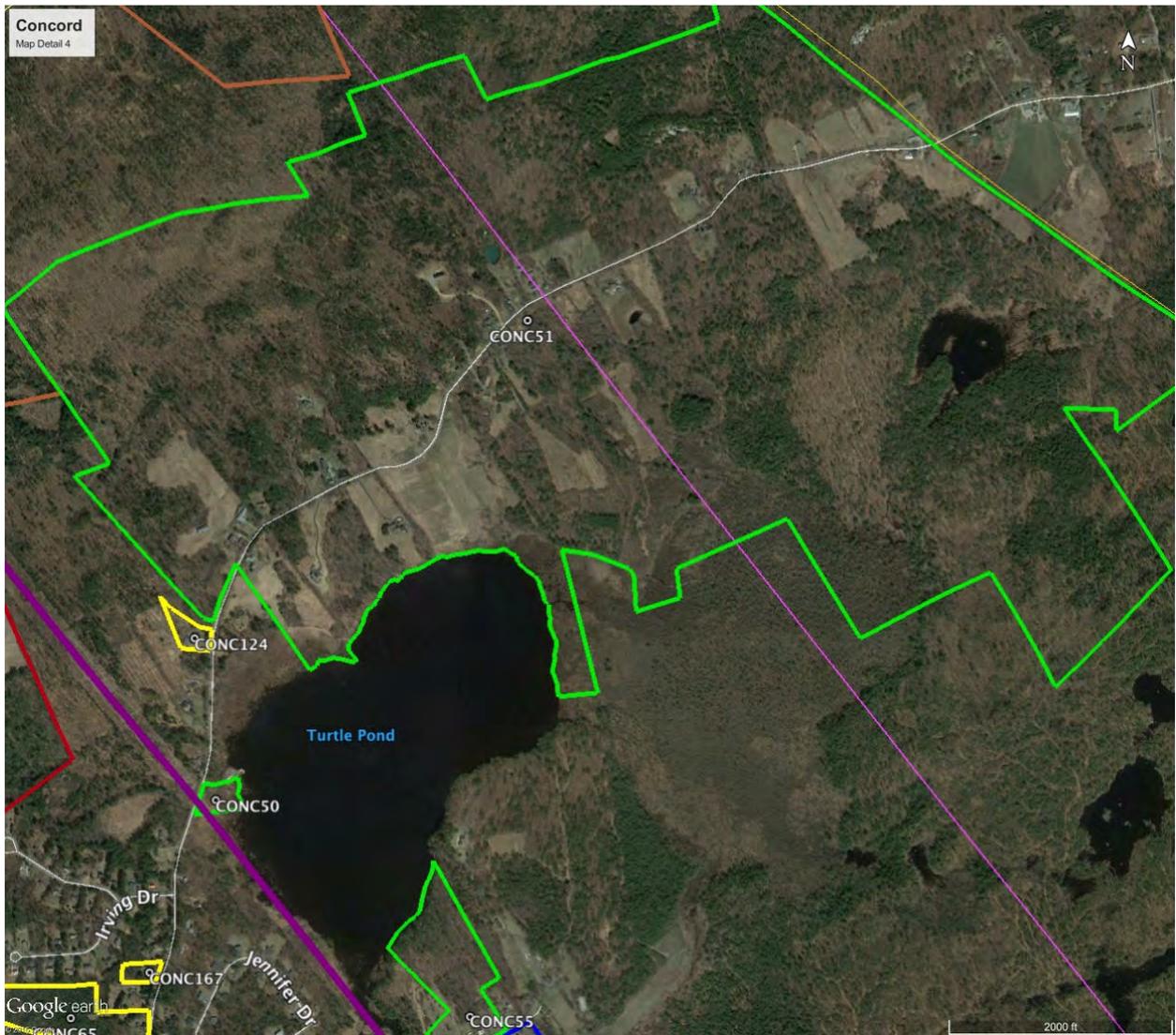


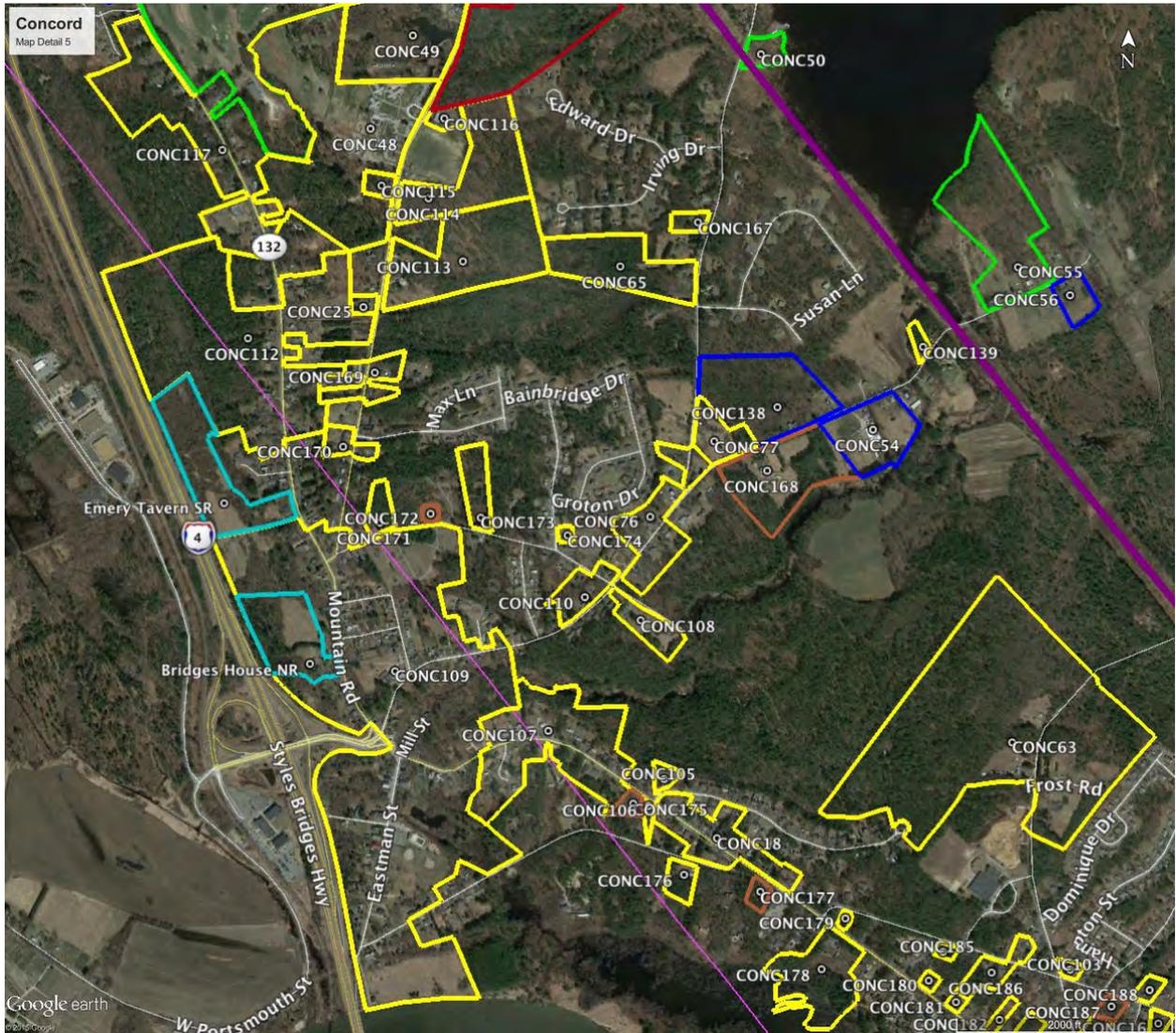


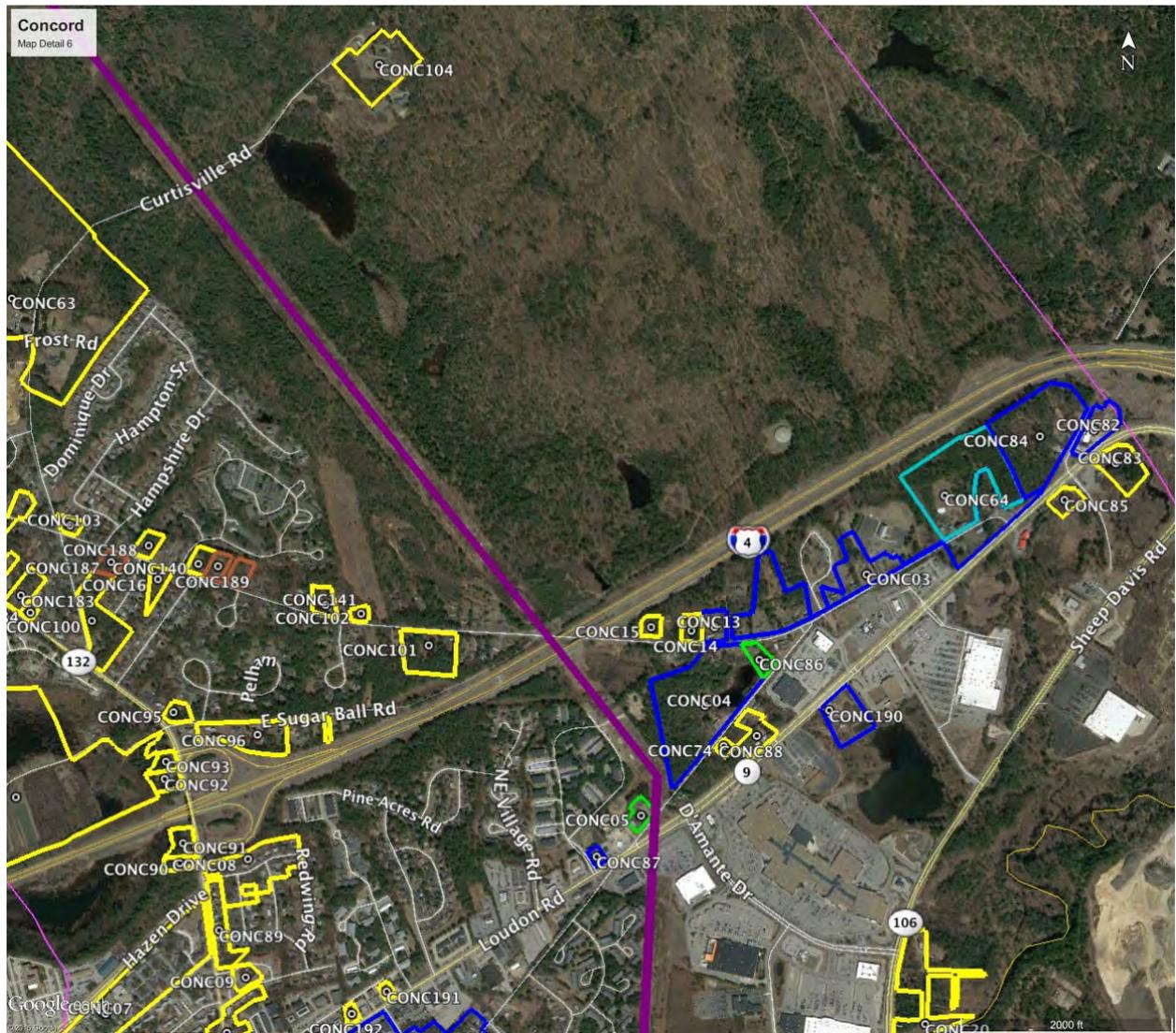
Town Summary

Concord



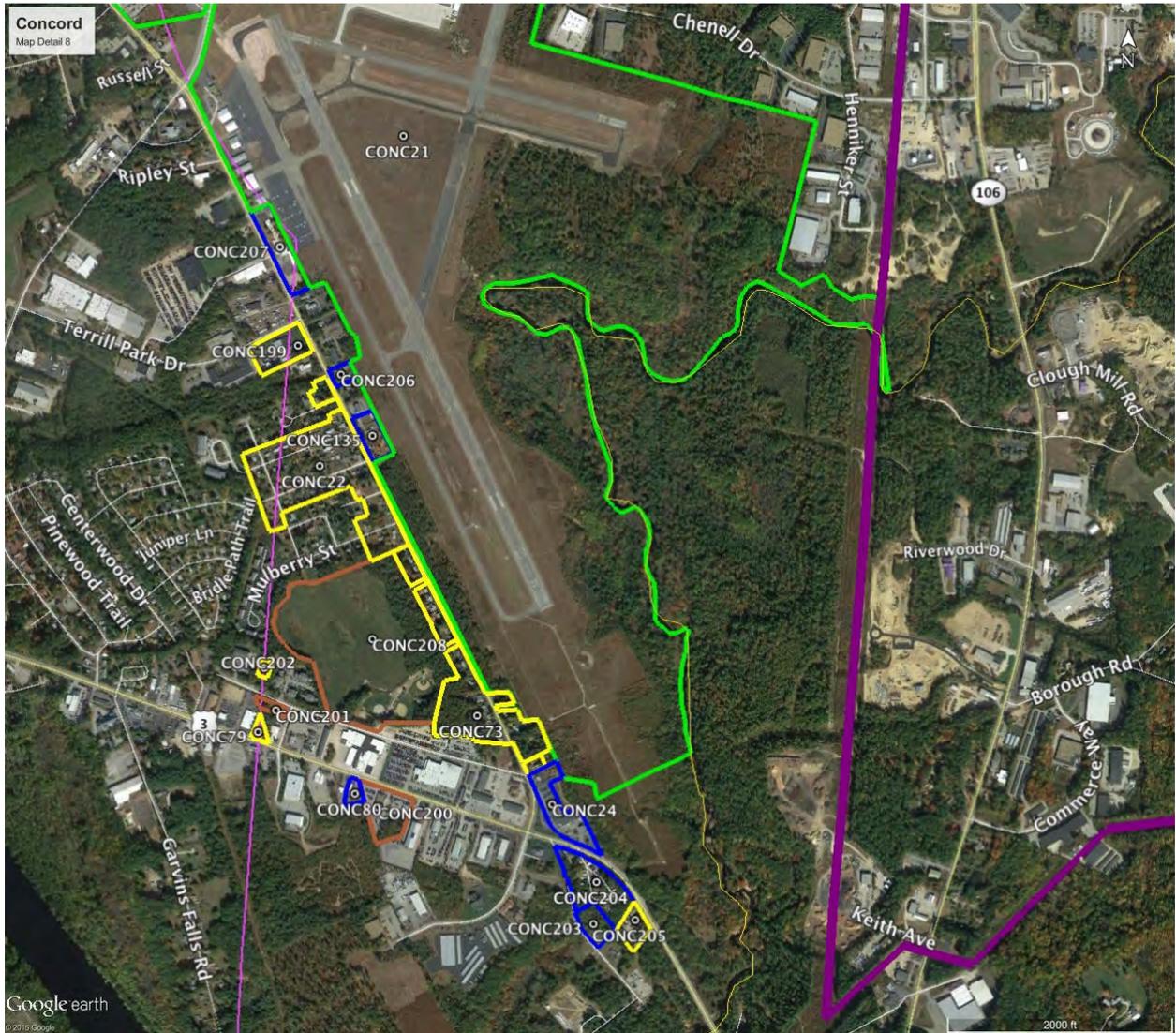








Concord



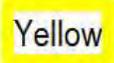


# Northern Pass Project Historic Resource Assessment

## *Table of Historic Resources*

### CONCORD

#### Key to Categories

 Yellow	Properties with no views of the Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible
 Green	Properties assessed with more than minimal views of the Project (see Historic Resources Assessment)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project (see Historic Resources Assessment)
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion



Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; Temi Road; Denis Drive	CONC01	43.215074	-71.493195	M	Guay Street Area	SEE FORM	2051-2059; 4299-4308		SEE FORM
	Concord	67-127 Pembroke Road, 1-57 Branch Turnpike, 5-22 Allard Street, 100-180 Loudon Road, Canterbury Road (all), Blodgett Street (all), Grover Street (all), Robinson Street (all), Grant Street (all), Greeley Street (all), Dudley Drive (all), Chase Street (all), Drew Street (all), Ellsworth Street (all), Gates Street (all), A Street (all), B Street (all), Newton Avenue (all), Exchange Avenue (all), Roy Street (all)	CONC02	43.212698	-71 510035	M	Concord Heights	Large area with mostly residential buildings, predominantly mid-nineteenth through mid- to late-twentieth-century single-family houses. Pembroke Road main spine of area. Former Dame School (now Heights Community Center on Canterbury Street) in center. Area not DOE'd but contains several DOE'd properties	2060-61, 2078-79	Contains: DOE (E): CON0197; CON0214; DOE (NE) CON-GG	The Project is located three-tenths of a mile to the east of where viewshed maps indicate a few small, scattered distant views within the area but on-site review indicates the Project will not be visible. The houses face each other and the road with no long views; mature vegetation is present between the area and the Project .
	Concord	299, 311 (modern), 313 Portsmouth Street, 65, 71, 75, 79, 102, 108, 111 Old Loudon Road, 371 Loudon Road	CONC03	43.22987	-71.483772	M	Upper Old Loudon Road Area	Group of mostly twentieth-century residential buildings, mostly capes and ranches. Properties include 299 Portsmouth St (c.1940 Cape on 1.03 acre parcel); 311 Portsmouth St (c. 2000 house on 1.04 acre parcel); 313 Portsmouth St (c.1958 Cape on 3.57 acre parcel); 65 Old Loudon Road (c.1930 Colonial Revival house on 1.4 acre parcel); 71 Old Loudon Road (c.1900 house on 0.68 acre parcel); 75 Old Loudon Road (c.1953 Transitional Ranch on 0.99 acre parcel); 79 Old Loudon Road (c.1986 Ranch on 2 acre parcel); 85 Old Loudon Road (c.1900 Queen Anne cottage on 0.91 acre parcel); 371 Loudon Road (c.1930 Cape on 0.49 acre parcel); 110 Old Loudon Road (c.1963 Ranch on 1.29 acre parcel). 102 Old Loudon Road(c.1936 Cape on 0.55 acre parcel); 111 Old Loudon Road (c.1963 Ranch on 2.00 acre parcel). Modern intrusions in the vicinity include Interstate 393 and modern residential development north of group and commercial development to the south.	4288-4294		The Project is one-third of a mile or more to the west of the area. Viewshed maps indicate a small number of scattered and intermittent views from portions of the area, either in the vicinity of a building or in a cleared area away from the historic resource which are not historically significant views. The buildings face southerly, away from the Project and so no views in main public views of historic resources. Any views would be small and indirect from rear or sides of property or buildings.
	Concord	33 Old Loudon Road	CONC04	43.226278	-71.488997	S		c.1900 connected farmhouse, altered to apartments	4297		Viewshed maps and field review indicate the Project will not be visible.
	Concord	1, 5, 7 Old Loudon Road	CONC05	43.224299	-71.490468	M		SEE FORM	2062-2063, 2065, 2074-2077, 4275, 4279		SEE FORM
	Concord	12, 14 Old Loudon Road	CONC06			M		DEMOLISHED	2066-2073, 2076-2077, 4276, 4279		SEE FORM
	Concord	33 Christian Avenue	CONC07	43.21912	-71 508707	M	Havenwood-Heritage Heights Retirement Community	Consists of approximately forty c.1960 residences on 19.689 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	54 East Side Drive; 3-21 Partridge Road; 7-9, 12 Jay Drive; 11, 14, 15 Robin Road	CONC08	43.222584	-71.505654	M		Large group of early to mid-1960s ranches and raised ranches on roughly one-quarter acre parcels. 54 East Side Drive (c.1963 Ranch on 0.211 acre parcel); 3 Partridge Road (c.1963 Raised Ranch on 0.225 acre parcel); 5 Partridge Road (c.1962 Ranch on 0.24 acre parcel); 7 Partridge Road (c.1963 Ranch on 0.257 acre parcel); 9 Partridge Road (c.1964 Raised Ranch on 0.246 acre parcel); . 11 Partridge Road (c.1964 Raised Ranch on a 0.24 acre parcel); 13 Partridge Road (c.1963 Ranch on 0.25 acre parcel); 15 Partridge Road (c.1964 Ranch on 0.29 acre parcel); 17 Partridge Road(c.1964 Ranch on 0.25 acre parcel); 19 Partridge Road(c.1964 Cape on 0.26 acre parcel); 21 Partridge Road (c.1964 Ranch on 0.218 acre parcel); 20 Partridge Road (c.1965 Ranch on 0.22 acre parcel)			Viewshed maps and field review indicate the Project will not be visible.
	Concord	30 East Side Drive	CONC09	43.219882	-71.50543	S	Eastern Avenue Apartments	c.1945, 2 story apartment building located on a 1 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	295 Portsmouth Street	CONC13	43.228486	-71.489255	S		Mid-19th-century farmhouse with Greek Revival end house with twentieth-century wing addition and detached New England barn on 1.4 acre parcel. Modern intrusions in the vicinity include Interstate 393 and modern residential development to the north and commercial development to the south.			The Project changes direction two to three-tenths of a mile to the southwest and west behind a hill and at a lower elevation. The buildings face south. Viewshed maps indicate intermittent views from portions of the easterly side of parcel in cleared areas and in front of barn and former barnyard area. Any views would be intermittent and indirect owing to distance and screening vegetation on low rise between property and Project. The project will not be visible in the main public views of the historic resources.
	Concord	291 Portsmouth Street	CONC14	43.228612	-71.490102	S		c.1958 Ranch on a 1.1 acre parcel. Modern intrusions in the vicinity include Interstate 393 and modern residential development to the north and commercial development to the south.			The Project is less than two-tenths of a mile to the west. The house is set back from the road, faces south, and is surrounded by trees to the south, west, and east. Viewshed maps indicate one small view in the back yard. This is not a historically significant view. No views from the house or in the main public views of the house.
	Concord	279 Portsmouth Street	CONC15	43.228641	-71.491369	S		c.1944 gable-front cottage on a 0.8 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	166 Portsmouth Street	CONC16	43.230071	-71.508336	S		c.1960 Ranch on a 1.27 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	202, 204, 208, 208a, 210, 212, 214, 216, 218, 220, 222 East Side Drive; 2, 14, 16 North Curtsville	CONC18	43.234949	-71.524809	M		Area of predominantly 1950s Ranch houses plus a few earlier 20th-Century homes. 202 East Side Drive c.1954 Ranch on 1.01 acre parcel. 204 East Side Drive c.1964 Ranch on 0.56 acre parcel. 206 East Side c.1962 Ranch on 0.52 acre parcel. 208 East Side Drive c.1999 Ranch on 0.44 acre parcel. 208a East Side Drive c.1957 Ranch on 0.48 acre parcel. 210 East Side Drive c.1958 Ranch on 0.44 acre parcel. 212 East Side Drive c.1953 Ranch on 0.37 acre parcel. 214 East Side Drive c.1920 Cape on 0.3 acre parcel. 216 East Side Drive c.1963 Cape on 0.26 acre parcel. 218 East Side Drive c.1932 Ranch on 0.5 acre parcel. 220 East Side Drive c.1973 Raised Ranch on 0.49 acre parcel. 222 East Side c.1935 altered house on 0.28 acre parcel. 2 North Curtsville c.1968 Ranch on 0.179 acre parcel. 14 North Curtsville c.1962 Ranch on 0.49 acre parcel. 16 North Curtsville c.1963 Ranch on 0.50 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	262, 264, 272, 274 Route 106/Sheep Davis Road	CONC20	43.218501	-71.482332	M	Boy Scout Camp	262 Sheep Davis Road c.1950 Ranch on 0.91 acre parcel. 264 Sheep Davis Road c.1950 Ranch on 1.66 acre parcel. 272 Sheep Davis Road c. 1960 Ranch. 274 Sheep Davis Road c. 1964 Ranch.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	65-91 Airport Road	CONC21	43.205664	-71.509157	M	Concord Municipal Airport Historic District	SEE FORM	2080-2088; 4244-4246, 4257-4267; 0008-0020 (2015)	DOE 2011 (E): CON CMA	SEE FORM
	Concord	144-176 Airport Road, 3-20 Cherry Street, 3-22 Greenwich Street, 16-26 Marion Street, 4 Eldridge Street, 3, 8 Mulberry Street	CONC22	43.196585	-71.505455	M		Largely post--World War II development with group of small houses including capes, transitional ranches, ranches, and Dutch Colonial houses. Much of it located outside APE.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	239 Airport Road	CONC23	43.189168	-71.498493	M		c.1955 Cape on a 0.46 acre parcel.	4249		Viewshed maps and field review indicate the Project will not be visible.
	Concord	175 Manchester St	CONC24	43.188869	-71.498421	S		Car dealership on a 4.57 acre parcel with three buildings: c.1940 Dutch Colonial house used as offices, and two sales/repair buildings (c.1982, c.2011). Abuts southerly end of Concord Municipal Airport. The historic setting is diminished by modern intrusions to the south and west.	4247, 4248		The Project is over .5 miles away to the east on a hillside on far side of Concord Municipal Airport. The former house faces southwest. Viewshed maps indicate views from in front of the house. The Project will not be visible in the main public views of the historic resource due to distance and screening by mature evergreen trees on the adjoining parcel.
	Concord	59 Shaker Road	CONC25	43.248061	-71.535707	S		c.1958 Cape on 0.86 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	339 Mountain Road	CONC39	43.271048	-71.554999	M	Abundant Life Ministries	Two buildings, an altered gable-block house and former cannery on on 26-plus acre parcel on westerly side of Mountain Road, adjacent to Interstate 93 to the west. Former cannery now owned by a church group. 339 Mountain Road: c.1965 concrete two-story former cannery. 341 Mountain Road: altered c.1910 two-story gable block house. Interstate 93 abuts the properties to the west.			The Project is more than one-half a mile away to the east. The buildings face easterly. Viewshed maps indicate scattered intermittent views from cleared portions of the rear (west) part of the former cannery property and in open area to the south of the building. Views from these locations are not historically significant. Dense vegetation and distance limit or reduce any potential views. No potential views from the immediate vicinity of the buildings.
	Concord	349, 356, 369 Mountain Road	CONC40	43.272927	-71.556231	M		349 Mountain Road is a c.1750 Colonial house on a 4.36 acre parcel. 356 Mountain Road is a c.1750 Federal house with attached garage on 1.69 acre parcel. 369 Mountain Road, former schoolhouse (built 1868), now a residence, on 0.51 acre parcel. Interstate 93 is located in close proximity to west of this			Viewshed maps and field review indicate the Project will not be visible.
	Concord	1 Sanborn Road	CONC41	43.276521	-71.559178	S		c.2014 building attached to a historic ell and barn on a 1.02 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	39 Sanborn Road	CONC43	43.281291	-71.556908	S		Unoccupied and deteriorated c.1850 Cape with wing sited in wooded northeast corner of 22.36 acre parcel. Mowed open field south of house but rest of lot forested.			The Project is roughly one-third of a mile away to the east. House faces southeasterly. Viewshed maps show small and scattered views in the mowed field. Heavy foresting between this view and the Project means any views would be minimal and intermittent. No potential views from the immediate vicinity of the house.
	Concord	92 Sanborn Road	CONC44	43.287931	-71.553383	S		c.1850 altered side-gable cottage, New England barn, and gable-front garage on 2.05 acre parcel. In area of late twentieth and early twenty-first century residential development. Only partial integrity.			The Project is nearly three-tenths of a mile away to the west. The house faces southerly, barn oriented to the west. Viewshed maps indicate views from the open areas east of the buildings. These are not historically significant views. Any views would be intermittent and minimal owing to wooded areas to the west between property and Project. No potential views from the immediate vicinity of the house.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	22 Country Club Lane	CONC46	43.258106	-71 538921	S	Concord Country Club	SEE FORM	2140, 2143, 2132-2138; 4405-4406		SEE FORM
	Concord	183 Shaker Road	CONC47	43.260397	-71 531506	S	Maple View Farm	SEE FORM	2124, 2128, 2139; 4407	CON0188	SEE FORM
	Concord	95 Shaker Road	CONC48	43.252692	-71 535214	S	Shaker Road School	c.1955 Ranch and converted barn and several newer academic buildings on 50.88 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	131 Shaker Road	CONC49	43.254683	-71 532874	S		Connected farmstead with c.1771 house and attached barn on 18.3 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	86 Oak Hill Road	CONC50	43.254685	-71 522535	S		SEE FORM	2089-2097; 4360-4371		SEE FORM
	Concord	130-283 Oak Hill Road	CONC51	43.260801	-71.52126	M	Oak Hill Road Agricultural District	SEE FORM	2098, 2101-2113, 2102-2107; 4309-4359	Project Area Form; Individualls: CON0179; CON0180; CON0181; CON0182; DOE (NE): CON0183; CON0184	SEE FORM
	Concord	46 and 54 Appleton Street	CONC54	43.246503	-71 516638	M		Pair of mid-twentieth century houses on south side of road. 46 Appleton includes a c.1956 Ranch, modern riding arena, and multiple associated outbuildings on 6.5 acre parcel. 54 Appleton is a c.1940 house sited in northeast corner of 4.1 acre parcel.			The Project is less than two-tenths of a mile east of this group. Both houses face north. Viewshed maps show views in the southerly portion of the cleared area to the rear of 54 Appleton. these views do not to relate to the significance of the property. There are no potential views from the immediate vicinity of either house. There is only a small amount of wooded areas between this group and the Project.
	Concord	89 and 91 Appleton Street	CONC55	43.248306	-71 513693	M	Potter Family Farm	SEE FORM	292-329 taken 2015	CON0158	SEE FORM
	Concord	98 Appleton Street	CONC56	43.248408	-71 511729	S		c.1962 Cape on 2.38 acre parcel.			The Project is less than two-tenths of a mile away to the west. The house faces northwesterly. Viewshed maps indicate views from open areas on southerly portion of property, away from house, and from the open fields between this property and the Project on adjoining parcels. These views do not to relate to the significance of the property. There are no potential indirect views from the immediate vicinity of the house. Mature evergreens and shrubs around the house screen it from any indirect views.
	Concord	14 Graham Road	CONC57	43.281896	-71 536751	S		SEE FORM	4409-4412		SEE FORM
	Concord	40 Graham Road	CONC58	43.286625	-71 536098	S		Connected farmstead with c.1740 Cape and attached barn on 3.64 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	17 Graham Road	CONC59	43.282863	-71 538568	S		SEE FORM	4416		SEE FORM
	Concord	138 Snowpond Road	CONC60	43.280032	-71 532881	S		c.1780 Cape on 36.05 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	445 Mountain Road	CONC61	43.281181	-71 561689	S	Northern New England Telephone	c.1960 Telephone building on 0.229 acre parcel. Interstate 93 in close proximity west of property.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	153 Hoit Road	CONC62	43.291943	-71 543515	S	Hoit Farm	c.1890 Colonial Revival gable-block farmhouse, pole barn, garage on 2.069 acre parcel. Farmland no longer associated with the buildings.			The Project is more than three-quarters of a mile away to the west at a lower elevation. The house faces south and is set back from the road partially surrounded by mature deciduous trees. Viewshed maps show small, intermittent views only in an open area southwest of the house. These views do not relate to the significance of the property. Any views are highly unlikely due to distance from Project which is at a lower elevation within a wooded area and multiple areas of woods between the property and Project. There are no potential indirect views from the immediate vicinity of the house.
	Concord	1, 11 Curtisville Road, 68, 78 S Curtisville Road, 15 Frost Road	CONC63	43.236149	-71 512809	M		Small group of mid-twentieth century houses. 11 Curtisville Road c.1957 Ranch on 59.08 acre parcel. 15 Curtisville Road c.1934 Ranch on 14.6 acre parcel. 1 Curtisville Road c.1944 Cape on 4.62 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	103 Old Loudon Road	CONC64	43.23118	-71.48102	S	Leavitt Farm	19th-century farm with three primary structures of varied domestic, agricultural and commercial uses sited on southerly half of property. These include c.1847 Greek Revival Cape farmhouse with rear ell, large c.1888 two-story wood frame shop, and a wood frame barn, as well as a 19th-century privy on 12.98-acre parcel. Built by Jonathan Leavitt, a farmer and blacksmith, later owned by his son Almah, a sign painter. Interstate 393 is located just north of the property.	4400-4404	NR 1982; CON0157	The Project is over one-half mile away to the southwest. The buildings all face southerly. Viewshed maps show views only in a portion of the cleared field north of the buildings. Distance and the presence of screening with evergreen and deciduous trees between the property and the Project prevent or limit any views from the open field. No potential views are present from the buildings.
	Concord	39 Oak Hill Road	CONC65	43.248789	-71 524569	S		c.1775 center chimney house with Federal detailing on 12.61 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	283 Mountain Road	CONC66	43.265733	-71.55154	S		c.1810 gable block house with Italianate ornament and attached garage on 3.91 acre parcel. Interstate 93 abuts property to west.			The Project is nearly seven-tenths of a mile away to the east. The house faces easterly. Viewshed maps show only small and intermittent views from the rear of the buildings. These views do not relate to the significance of the property. No potential views from the house. Open fields are present across the street but heavily forested areas on slightly elevated land are present between the fields and the Project, which is at a lower elevation.
	Concord	250 Mountain Road	CONC67	43.262482	-71 548223	S	Route 132/Mountain Road	c.1865 substantial Italianate gable-block brick farmhouse with altered connected carriage barn converted to garage and residential, wing addition on 2.91 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	240 Mountain Road	CONC68	43.261388	-71 547148	S		This is a c.1790 Federal Style with end chimneys located on a 3.52 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	279, 286 Shaker Road	CONC69	43.271485	-71 532019	S		Pair of ranch houses. 279 Shaker Road c. 1964 Ranch on 7.56 acre parcel. 286 Shaker Road c.1950 Ranch on 1.03 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Concord	Snow Pond Road	CONC70	43.266684	-71 537041	S	Kibby Slopes	SEE FORM	4408		SEE FORM
	Concord	405 Mountain Road	CONC71	43.276803	-71 559907	S		c.1865 altered end house on 0.46 acre parcel. Interstate 93 west of property. Fronts on NH Route 132			Viewshed maps and field review indicate the Project will not be visible.
	Concord	393 Mountain Road	CONC72	43.275817	-71 559654	S		c.1849 gable-front farmhouse and barn on 21.2 acre parcel. Surveyed as part of the 2008 rural agricultural properties survey. Interstate 93 abuts property to the west.		CON0177	The Project is one-half mile away to east on the far slope of elevated land. The buildings face east. Viewshed maps indicate views only from the southwest corner of the parcel near the interstate. These views do not relate to the significance of the property. No potential views from immediate vicinity of buildings. The land between the property and the Project is heavily wooded and elevated.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	208-228, 219-223 Airport Road	CONC73	43.193244	-71.501777	M		Group of mid-twentieth-century houses, mostly ranches and capes. 208 Airport Road c.1959 Ranch on 0.31 acre parcel. 210 Airport Road c.1960 Ranch on 0.27 acre parcel; 212 Airport Road c.1955 Ranch on 0.28 acre parcel. 214 Airport Road c.1971 Ranch on 0.910 acre parcel. 218 Airport Road c.1953 Cape on 0.94 acre parcel. 219 Airport Road c.1950 Ranch on 0.48 acre parcel. 220 Airport Road c.1950 Cape on 1.210 acre parcel. 222 Airport Road c.1946 Ranch on 1.210 acre parcel. 223 Airport Road c.1954 Cape on 0.43 acre parcel. 224 Airport Road c.1937 Cape on 1.03 acre parcel. 227 Airport Road c.1965 Colonial on a 0.96 acre parcel. 228 Airport Road c.1960 Ranch located on 1.23 acre parcel.	4250-4252, 4255-4256		Viewshed maps and field review indicate the Project will not be visible.
	Concord	30 Old Loudon Road	CONC74	43.225701	-71.488807	S		c.1945 Cape on 0.38 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	572 Mountain Road	CONC75	43.295077	-71.562347	S	Melvin Place	c. 1810 center-chimney farmhouse with attached outbuildings, barn on 3.5-acre parcel	4419-4420	DOE: CON0142 SR eligible	The Project is just over one-tenth a mile away to the west. The farmhouse faces westerly. Viewshed maps indicate intermittent views from the open area south of the buildings. Dense mature vegetation between the property and the Project to the west prevents potential views from this open area. There are no potential views from the immediate vicinity of the buildings.
	Concord	74, 78-80, 85-87, 91 Shawmut Street; 7 Oak Hill Road; 1 Appleton Street	CONC76	43.243297	-71.524989	M		Group of mostly nineteenth-century farm houses with outbuildings with some mid-twentieth century infill just beyond East Concord Historic District. 1 Appleton Street c.1820 connected farmstead with Cape, New England barn on 0.70 acre parcel. 7 Oak Hill c.1870 high posted Cape and New England barn on 0.96 acre parcel. 91 Shawmut c.1880 altered connected farmstead with Cape, large barn on 1.02 acre parcel. 85-87 Shawmut a c.1870 connected farmstead converted to two-family on 1.46 acre parcel. 80 Shawmut c.1968 Ranch on 1.16 acre parcel. 79 Shawmut c.1860 altered Greek Revival/ taliente high-posted cape, carriage house, converted to two-family on 1.43 acre parcel. 78 Shawmut c. 1960 Raised Ranch on 1.18 acre parcel. 74 Shawmut c.1900 altered side gable house, small barn on 1.55 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	12 Oak Hill Road	CONC77	43.245122	-71.524436	S		c.1947 house on 1.02 acre parcel with several nearby parcels			Viewshed maps and field review indicate the Project will not be visible.
	Concord	243 Sheep Davis Road; 212 Pembroke Road	CONC78	43.212065	-71.483754	M		SEE FORM	0021-0035 (2015)		SEE FORM
	Concord	101 Manchester Street	CONC79	43.190033	-71.508189	S		c.1940 altered house converted to commercial use on 0.46 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	126 Manchester Street	CONC80	43.188778	-71.504954	S		c.1954 commercial garage located on 0.69 acre parcel in area with mostly modern intrusions such as car dealerships. No integrity for setting.			The Project is over eight-tenths of a mile away to the east. The building faces east. Viewshed maps indicates views to the east side and rear of the building. These indirect views do not relate to the significance of the property and include modern intrusions.
	Concord	253 Sheep Davis Road	CONC81	43.214927	-71.483776	S		c.1938 Cape and office (monument company) located on 1.84 acre parcel. Business at this location since 1938. Considerable modern development in vicinity of property along Sheep Davis Road.			The Project is over four-tenths of a mile away to the west. The house faces east, the office faces south. Viewshed maps indicates views in front of the house. No possibility of views in main public views of house due to distance and presence of mature evergreen trees immediately west of property.
	Concord	391 Loudon Road/6 Break O' Day Drive	CONC82	43.233588	-71.476362	S		c.1960 Commercial building on 2.87 acre parcel.		DOE: CON0040	Viewshed maps and field review indicate the Project will not be visible.

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	Concord	390 Loudon Road	CONC83	43.233025	-71.47574	S		c.1938 Colonial on 3.02 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	3-7 Break O' Day Drive	CONC84	43.233713	-71.476754	S		c.1780 Cape with attached barn on 12.87 acre parcel.		DOE: CON0053	Viewshed maps and field review indicate the Project will not be visible.
	Concord	384 Loudon Road	CONC85	43.232085	-71.477191	S		c.1949 Ranch on 1.31 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	51 Old Loudon Road	CONC86	43.227782	-71.48734	S		SEE FORM	4298		SEE FORM
	Concord	245 Loudon Road	CONC87	43.222817	-71.493225	S		c.1950 Ranch on 0.34 acre parcel. Only integrity for the house and parcel remain. Only remaining example of common Concord house type in immediate vicinity. Setting and location has no integrity due to extensive commercial development and altered road pattern in immediate vicinity.			The Project is less than two-tenths of a mile south of the property and continues north passing roughly one-tenth of a mile east of property. Viewshed maps indicate views around the house and in locations to the rear of the house on the small parcel. No potential views of the project in main public views of the historic resource. Views towards the Project are screened by mature vegetation and include modern intrusions. Indirect views also include modern intrusions.
	Concord	36 Old Loudon Road; 285, 287 Loudon Road	CONC88	43.225839	-71.487593	S		285 Loudon Road c.1960 Raised Ranch on 0.65 acre parcel. 287 Loudon Road c.1957 Ranch on 0.57 acre parcel. 36 Old Loudon Road c. 1962 Ranch on 0.64 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	32-50 East Side Drive	CONC89	43.221309	-71.50654	M		Group of a 1940s-1950s Capes. 32 East Side Drive c.1945 Cape on 0.56 acre parcel. 34 East Side Drive c.1949 Cape on 0.21 acre parcel. 36 East Side Drive c.1955 Cape on 0.21 acre parcel. 38 East Side Drive c.1949 Cape on 0.21 acre parcel. 40 East Side Drive c.1947 Cape on 0.22 acre parcel. 42 East Side Drive c.1950 Cape on 0.22 acre parcel. 44 East Side Drive c.1955 Cape on 0.21 acre parcel. 46 East Side Drive c.1950 Cape on 0.21 acre parcel. 48 East Side Drive c.1950 Cape on 0.21 acre parcel. 50 East Side c.1950 Cape on 0.27 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	59 East Side Drive	CONC90	43.222728	-71.507323	S		c.1920 Dutch Colonial house and garage on 0.52 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	65 East Side Drive	CONC91	43.223181	-71.507425	S		c.1950 Ranch on 0.69 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	77 East Side Drive	CONC92	43.224995	-71.508042	S		c.1958 Ranch on 0.95 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	79 East Side Drive	CONC93	43.22537	-71.508074	S		c.1920 house on 0.62 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	23 and 34 West Sugar Ball Road	CONC94	43.224604	-71.514004	M	West Sugar Ball Road Farms	Pair of late 18th century farmhouses near Merrimack River. 23 West Sugar Ball c.1789 house on 9.23 acre parcel. 34 West Sugar Ball c.1780 farmhouse on 38 acre parcel. Interstate 393 south of both properties			Viewshed maps and field review indicate the Project will not be visible.
	Concord	90 East Side Drive	CONC95	43.226524	-71.508033	S		c.1950 Cape on 0.81 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	10, 16, 24, 26, 36 E. Sugar Ball Road	CONC96	43.226242	-71.505217	M		Group of mostly 1930s to 1950s houses, mostly ranches and capes.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	23, 27, 29, 33, 35, 16, 20, 36 Burns Avenue	CONC97	43.217179	-71.508044	M		Group of mostly post-World War II houses including ranches and capes and one early twentieth-century house.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	4-10 Eastern Ave; 9, 10, 11, 14, 15, 16, 18, 22 East Side Drive	CONC98	43.219075	-71.506182	M		Group of mostly post-World War II houses including ranches and capes and one early twentieth-century house.			Viewshed maps and field review indicate the Project will not be visible.

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	Concord	127 Loudon Road	CONC99	43.214638	-71 511236	S	Concord Heights Fire Station	c.1965 Fire Station on 1.02 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	12-14 S. Curtisville Road	CONC100	43.228562	-71 510828	M		12 South Curtisville Road c.1958 Ranch on 3.4 acre parcel. 14 South Curtisville Road c.1965 Ranch on 1.4-acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	226, 228, 230 Portsmouth Street	CONC101	43.228546	-71.498806	M		Group of three ranches on roughly 1.33 acre parcels			Viewshed maps and field review indicate the Project will not be visible.
	Concord	211 Portsmouth Street	CONC102	43.229004	-71 501472	S		c.1940 Cape on 0.47 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	141-143 Portsmouth Street	CONC103	43.231169	-71 511735	M		141 Portsmouth Street c.1939 Ranch on 0.43 acre parcel. 143 Portsmouth Street c.1947 house on 0.34acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	110 Curtisville Road	CONC104	43.243175	-71 500598	S		19th-century farmhouse on 7.03-acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Concord	1 N. Curtisville Road	CONC105	43.235906	-71 525779	S		c.1888 house on 0.80 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	229 East Side Drive	CONC106	43.235468	-71 526143	S		c.1935 Bungalow on 0.75 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	236-270 East Side Drive; 3-9, 2-12 Putney Ave	CONC107	43.237211	-71 529652	M		Group of mostly 1950s and 1960s Ranch houses and some Capes plus several late 18th or 19th-century houses and a few modern in hills. 2 Putney Avenue c.1947 Cape on 0.40 acre parcel. 4 Putney Avenue c.1947 Cape on 0.38 acre parcel. 6 Putney Avenue c.2002 Ranch on 0.47 acre parcel. 8 Putney Avenue c.1958 Cape on 2.4 acre parcel. 10 Putney Avenue c.1959 Ranch on 0.43 parcel. 12 Putney Avenue c.1959 Raised Ranch on 0.40 acre parcel. 9 Putney Avenue c.1976 Ranch on 0.83 acre parcel. 7 Putney Avenue c.1955 Cape on 0.28 parcel. 5 Putney Avenue c.1957 Ranch on 0.28 acre parcel. 3 Putney Avenue c.1958 Ranch on 0.42 parcel. 255 East Side Drive c.1955 Ranch on 0.32 acre parcel. 259 East Side Drive c.1965 Ranch on 0.46 parcel. 257 East Side Avenue c.1962 Ranch on 0.47 acre parcel. 251 East Side Avenue c.1955 Ranch on 0.53 acre parcel. 245 East Side Drive c.1944 Ranch on 0.76 acre parcel. 243 East Side c.1956 Ranch on 0.57 acre parcel. 241 East Side c.1964 Ranch on 0.57 acre parcel. 239 East Side c.1790 1/2 Cape with dormer windows and attached garage on 0.9 acre parcel. 235 East Side c.1955 Ranch on 0.71 acre parcel. 236 East Side Avenue c.1958 Ranch on 0.033 acre parcel. 240 East Side c.1956 Ranch on 0.40 acre parcel. 242 East Side c.1976 building on 0.40 acre parcel. 244 East Side c.1959 Ranch on 0.40 acre parcel. 246 East Side			Viewshed maps and field review indicate the Project will not be visible.
	Concord	4 Batchelder Mill Road	CONC108	43.240385	-71 527002	S		c.1800 Georgian farmhouse on 3.98 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

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	Concord	The western part of Shawmut Street the westernmost part of Portsmouth St, all of Eastman St, Carpenter St, Mill St, the westernmost part of East Side Dr and Shawmut St, all of Fernald St, Kearsarge St, and Winthrop St, the southernmost part of Mountain Rd, and the intersection of Shaker Rd and Cemetery St.	CONC109	43.239325	-71 533359	M	East Concord HD	Village center with group of mostly nineteenth-century houses of various forms and styles with some mid-twentieth-century infill, mostly located outside of APE. Also includes Pine Grove Cemetery. Includes the H. Styles Bridges House (NR). Emery's Tavern (61 Mountain Road), on State Register, abuts the District to the north but is outside the APE and no views.		DOE (E): East Concord HD; Contains NR (21 Mountain Road, CON0148); CON0116; CON0198 (E);	Viewshed maps and field review indicate the Project will not be visible.
	Concord	55, 63, 65, 69 Shawmut Street; 62, 65 Cemetery Street	CONC110	43.240966	-71 527962	M		Small group of nineteenth- and twentieth-century houses of various forms. 55 Shawmut c.1959 Ranch on 0.58 acre parcel; 63 Shawmut c.1900 Cape on 0.671 acre parcel. 65 Shawmut c.1954 Cape on 0.8 acre parcel. 69 Shawmut c.1848 Cape with shed roof dormers on 0.29 acre parcel. 62 Cemetery c.1849 house on 0.944 acre parcel. 65 Cemetery c.1958 Ranch on 0.27 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	71 - 110 Mountain Road	CONC112	43.245851	-71 5389	M		Group of 18th-19th century farmhouses with mid-20th century-infill houses plus several houses less than fifty years old on lots of varying sizes. Includes 87 Mountain Road that was a part of the 2008 rural		Includes DOE (U): CON0176	Viewshed maps and field review indicate the Project will not be visible.
	Concord	68-74 Shaker Road	CONC113	43.248879	-71 535017	M		68 Shaker Road c.1890 Dutch Colonial house on 21.8 acre parcel. 74 Shaker Road c.1900 Cape with a side addition on 1.13 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	88 Shaker Road	CONC114	43.25102	-71 534598	S		c.1964 Raised Ranch on 19.83 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	87 Shaker Road	CONC115	43.251188	-71 535054	S		c.1949 Cape on 1.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	184 Shaker Road or is it 108 Shaker Road	CONC116	43.252861	-71.53359	S		c.1850 Cape on 1.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	121 - 173 Mountain Road	CONC117	43.253361	-71 542157	M	Mountain Road Midcentury	Area of more than 20 mid-20th century houses on lots ranging in size mostly between .50 and 2 acres (c.1930-1970s).			Viewshed maps and field review indicate the Project will not be visible.
	Concord	197 Mountain Road	CONC118	43.257151	-71 544732	S		c.1830 house on 1.35 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	259, 263, 269, 279 Mountain Road	CONC119	43.261006	-71 547704	M	Mountain Road Ranches	Group of four mid-Century Ranches. I-93 abuts these properties to the west. 259 Mountain Road c.1956 Ranch on 2.7 acre parcel. 263 Mountain Road c.1956 Ranch on 2.4 acre parcel. 269 Mountain Road c.1956 Ranch on 3.2 acre parcel. 279 Mountain Road c.1959 Ranch on 2.7 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	115 Oak Hill Road	CONC124	43.258677	-71.52282	S		c.1951 Ranch on 2 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	50, 52 Snow Pond Road	CONC125	43.270688	-71 537887	S		52 Snow Pond c.1926 house on 0.77 acre parcel. 50 Snow Pond c.1950 house on 0.77 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	380 Mountain Road	CONC126	43.275065	-71 558462	S		c.1880 cottage with enclosed porch on 2.17 acre parcel. Interstate 93 in close proximity to west of			Viewshed maps and field review indicate the Project will not be visible.
	Concord	413 Mountain Road	CONC127	43.277907	-71 560303	S		c.1849 Cape on 0.79 acre parcel. Interstate 93 in close proximity to west of this property.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	419 Mountain Road	CONC128	43.278594	-71 560571	S		c.1880 Cape on 0.96 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

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	Concord	549 Mountain Road	CONC129	43.292516	-71 562342	S		SEE FORM	4417		SEE FORM
	Concord	73 Hoit Road	CONC130	43.289761	-71 557388	S		c.1950 Ranch on 5.18 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	30 Graham Road	CONC132	43.284621	-71 536641	S		c.1839 farmhouse and barn located on a 2.53 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	110 Boyce Road; 1, 5, 12 Hoit Road	CONC133	43.292989	-71.57011	M		Small group of 1950s Ranch houses. 110 Boyce Road c.1958 Ranch on 1.07 acre parcel. 1 Hoit Road c.1958 Raised Ranch on 3 acre parcel. 5 Hoit Road c.1950 Ranch on 1.37 acre parcel. 12 Hoit Road c.1950 Ranch on 4.189 acre parcel. Interstate 93 in close proximity to west of area.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	469 Mountain Road	CONC134	43.284211	-71 562227	S		c.1959 Ranch on 41.58 acre parcel. Interstate 93 in close proximity to west of property.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	145-153 Airport Road	CONC135	43.197599	-71 504517	M		A group of four mid-twentieth century small houses with varying degrees of integrity. 145 Airport Road c.1958 Ranch on 0.46 acre parcel. 147 Airport Road c.1920 house on 0.68 acre parcel. 149 Airport Road c.1948 Cape on 0.61 acre parcel. 153 Airport Road c.1948 house on 0.35 acre parcel.		In CON-AR	The Project is more than eight-tenths of a mile away to the east. The houses all face to the west. Viewshed maps indicate intermittent views from isolated portions of the area, to rear of houses. The Concord Municipal Airport abuts these four properties to the east. There are no potential views from the immediate vicinity of the buildings. Distance and mature vegetation limit any indirect views from the rear portions of the properties.
	Concord	24 Pembroke Road	CONC136	43.210697	-71 513196	M	New Hampshire State Military Reservation	SEE FORM	2060-2061, 2078; 4268, 4269	DOE Area: CON-SMR (NE); DOE Individuals: CON0104 (E); CON0136 (E); CON0149 (NE); CON0150 (NE); CON0151 (NE); CON0152 (NE)	SEE FORM
	Concord	262 Sheep Davis	CONC137	43.217555	-71.482485	S		c.1950 house on 0.91 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	31 and 41 Appleton Street	CONC138	43.245121	-71 521055	M		31 Appleton c.1850 end house and attached carriage barn on 14.26-acre parcel. 41 Appleton c.1936 altered house on 1.96-acre parcel, which has no significance or integrity for its historic period. Neither house has an agricultural association.			The Project is just over two-tenths of a mile east of the east edge of this group. Both houses face south. Viewshed maps show views in the area of 41 Appleton and to the northwest of the house but this property no longer appears to retain integrity for its historic period. There are no potential views from the immediate vicinity of 31 Appleton, as the easterly part of the lot is wooded, screening any views.
	Concord	67 Appleton Street	CONC139	43.246887	-71 516592	S		c.1830 building on 1.04 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	173 Portsmouth Street	CONC140	43.230266	-71 507188	S		c.1963 Ranch on 0.99 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	203 Portsmouth Street	CONC141	43.229152	-71 502553	S		c.1963 Ranch on 0.99 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	146 and 152 Snow Pond	CONC142	43.280584	-71 531119	M		Pair of Ranch houses on south side of elevated stretch of road in area with encroaching modern housing development. 146 Snow Pond c.1951 altered Ranch on 2.3 acre parcel. 152 Snow Pond c.1950 Ranch set back from road on 12.6 acre parcel.			The Project is over eight-tenths of a mile away to the west at a lower elevation. Both houses face northerly. Viewshed maps show views from the back yard of 146 Snow Pond and one small view to the northwest of 152 Snow Pond but these views do not relate to the significance of the properties. No possibility of views due to distance, extensive wooded areas between the properties and the Project which is at a lower elevation to the west.
	Concord	32 Snow Pond Road	CONC143	43.268573	-71 536414	S		c.1968 mobile home on a 1.89 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	250 Shaker Road	CONC144	43.267406	-71 533035	S		c.1966 Raised Cape on a 18 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.

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	Concord	84 Snow Pond Road	CONC145	43.275274	-71 539972	S		c.1965 mobile home on a 0.64 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	370 Shaker Road	CONC146	43.278108	-71 523112	S		c.1967 Cape on 120 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	161 Hoit Road	CONC147	43.292363	-71 542349	S		c.1940 Cape on 1.9 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	131 Hoit Road	CONC148	43.290274	-71 547062	S		c.1955 Ranch on 1.38 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	569 Mountain Road	CONC149	43.294024	-71 562808	S		c.1965 Ranch on 6.3 acre wooded parcel that abuts Project ROW.			The Project abuts the length of the rear (southwest) property line. The house faces east and is sited in a small open area with stands of mature evergreen trees around the perimeter of the property to the north, west, and south. Viewshed maps indicates views only in the rear part of the lot. These indirect views do not relate to the significance of the property. No potential views of the Project in main public views of the historic resource.
	Concord	587 Mountain Road	CONC150	43.296259	-71 563521	S		c.1965 Ranch on 6.0 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	514 Mountain Road	CONC151	43.2887	-71 561004	S		c.1963 Ranch on 1.33 acre parcel.			The Project crosses the north portion of the asymmetrical parcel. The house faces west and is sited in a small open area with stands of mature evergreen trees around the perimeter of the property to the north, east, and south. Viewshed maps indicates views only in the rear part of the lot. These indirect views do not relate to the significance of the property. No potential views of the Project in main public views of the historic resource.
	Concord	498 Mountain Road	CONC152	43.288018	-71 560712	S		c.1960 Cape on 1.85 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	490-496 Mountain Road	CONC153	43.286907	-71 560688	M		group of c.1967 Ranch houses			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	456 Mountain Road	CONC154	43.282204	-71 561352	S		c.1950 Ranch on 8.6 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	441 Mountain Road	CONC155	43.280665	-71.56176	S		c.1940 Ranch on 1.52 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	18 Sanborn Road	CONC156	43.278267	-71.55746	S		c.1910 Cape on 0.87 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	4 Sanborn Road	CONC157	43.276694	-71 558161	S		c.1935 Gambrel cottage on 2.48 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	388 Mountain Road	CONC158	43.275724	-71.55876	S		c.1964 Ranch on 2.5 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	226 Sewalls Falls Road	CONC159	43.273732	-71 559888	S		c.1950 Ranch on 1.17 acre parcel.			Viewshed maps indicate a small view around the street elevation of the house. House faces west away from Project which is over six-tenths of a mile away to the east. A hill and mature vegetation present between house and Project prevent any views.
	Concord	228 Sewalls Falls Road	CONC160	43.274199	-71 559867	S		c.1968 Ranch on 0.26 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	379 Mountain Road	CONC161	43.274558	-71 558662	S		c.1950 House on 2.3 acre parcel			Viewshed maps and field review indicate the Project will not be visible.
	Concord	364-372 Mountain Road	CONC162	43.27399	-71 556842	M		364 Mountain Road is a c.1920 Cape on 1.7 acre parcel, and 372 Mountain Road is a c.1929 Cape house on 1.58 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	243 Mountain Road	CONC163	43.261298	-71.54819	S		c.1952 Ranch on 3.69 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	235 Mountain Road	CONC164	43.26073	-71.54817	S		c.1966 Ranch on 3.68 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	227 Mountain Road	CONC165	43.259978	-71.547475	S		c.1953 Cape on 2.76 acre parcel. I-93 abuts the parcel to the west. No integrity for historic period as recently expanded and altered.			The Project is more than seven-tenths of a mile away to the east of the property. The house faces southeasterly. Viewshed maps indicate views in the open areas to the rear of the house. These views do not relate to the significance of the property which no longer has integrity for historic period. No possibility of views due to distance and hill between property and Project. Considerable modern subdivision development between property and Project.
	Concord	183 Mountain Road	CONC166	43.256058	-71.544319	S		c.1930 Ranch on 1.02 acre parcel across street from Concord Country Club.			The Project is eight-tenths of a mile away to the east on the far side of a hill. The house faces easterly mature trees on other side of road along Concord Country Club westerly boundary. Viewshed maps individual small views around house but distance, topography, and screening mature vegetation would prevent any views. No potential views from immediate vicinity of buildings.
	Concord	47 Oak Hill Road	CONC167	43.250148	-71.524418	S		c.1964 Split-level on 1.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	26 Appleton Street	CONC168	43.243893	-71.521997	S		c.1966 Ranch on 6.7 acre parcel with adjoining 5.84 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	41, 42, 37, 40 Shaker Road	CONC169	43.246378	-71.535625	M		41 Shaker Road is a c.1963 Ranch, 42 Shaker Road is a c.1959 Ranch, 37 Shaker Road is a c.1965 Raised Ranch, 40 Shaker Road is a c.1954 Ranch			Viewshed maps and field review indicate the Project will not be visible.
	Concord	26, 29 Shaker Road	CONC170	43.244505	-71.536739	M		26 Shaker Road is a c.1950 Cape on 0.59 acre parcel, 29 Shaker Road is a c.1953 Ranch on 1.67 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	9 Cemetery Street	CONC171	43.242581	-71.535448	S		c.1955 Ranch on 1.93 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	27 Cemetery Street	CONC172	43.242805	-71.533688	S		c.1968 Colonial on 0.62 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	33 Cemetery Street	CONC173	43.242706	-71.531945	S		c.1965 Cape on 4.53 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	6 Styles Drive	CONC174	43.24226	-71.528927	S		c.1939 Cape on 0.47 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	233 East Side Drive	CONC175	43.235465	-71.526651	S		c.1968 Ranch on 0.69 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	76 Portsmouth Street	CONC176	43.233674	-71.524888	S		c.1953 Ranch on 2.09 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	201 East Side Drive	CONC177	43.233257	-71.522247	S		c.1966 Ranch on 0.96 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	193 East Side Drive	CONC178	43.231963	-71.519978	S		c.1940 Cape on 12.4 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	88 Portsmouth Street	CONC179	43.232581	-71.519297	S		c.1956 Ranch on 0.37 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	158 East Side Drive	CONC180	43.231014	-71.516411	S		c.1952 Ranch on 0.53 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	150 East Side Drive	CONC181	43.230477	-71.515475	S		c.1929 Cape on 0.55 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	138 East Side Drive	CONC182	43.230024	-71.513963	S		c.1955 Split-level on 1.01 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	130 East Side Drive	CONC183	43.229523	-71.513219	S		c.1948 Ranch on 1.56 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	128 East Side Drive	CONC184	43.229084	-71.51289	S		c.1952 Cape on 0.39 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	114 Portsmouth Street	CONC185	43.23174	-71.515913	S		c.1964 Ranch on 0.57 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	126, 130, 131 Portsmouth Street	CONC186	43.231461	-71 514409	M		126 Portsmouth Street is a c.1964 Ranch on 1.48 acre parcel, 130 Portsmouth Street is a c.1959 Ranch on 0.96 acre parcel, 131 Portsmouth Street is a c.1960 Ranch on 0.91 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	154 Portsmouth Street	CONC187	43.230364	-71 510088	S		c.1967 Ranch on 0.96 acre parcel.			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	161 Portsmouth Street	CONC188	43.230666	-71 508995	S		c.1960 Colonial on 0.77 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	177, 185 Portsmouth Street	CONC189	43.230096	-71 506461	M		c.1966 Cape houses, 177 Portsmouth Street has 0.88 acre parcel, 185 Portsmouth Street has 0.94 acre			This property has not achieved fifty years of age but viewshed maps indicate the Project will not be visible.
	Concord	296 Loudon Road	CONC190	43.22659	-71.485149	S		c.1959 Ranch on 3 5 acre parcel. No integrity or significance. Almost entirely surrounded by modern commercial and corporate development.			The Project is nearly four-tenths of a mile away to the west. The house is set back from the road and faces north. Viewshed maps indicate small views from the front yard but property has no integrity or significance due to alterations.
	Concord	199 Loudon Road	CONC191	43.219494	-71 500536	S		c.1955 Office Building on 0.34 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	191 Loudon Road	CONC192	43.218933	-71 501745	S		c.1955 Shop and Garage on 0.42 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	169 Loudon Road	CONC193	43.217704	-71 504274	S		c.1955 Store on 0.23 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	149 Loudon Road	CONC194	43.216346	-71.50767	S		c.1943 Store on 0.37 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	135B Pembroke Road	CONC195	43.215839	-71.495033	S		c.1934 Colonial on 0 91 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	163, 165, 173, 175 Pembroke Road	CONC196	43.215016	-71.48989	M		Group of three mid-twentieth century houses and one office building on north side of road. 163 Pembroke Road c.1936 altered gable-front office building (possibly former school or church) on 1.6 acre parcel so no integrity for historic period. 165 Pembroke Road c.1948 Ranch on 5.36 acre parcel, 173 Pembroke Road c.1940 Cape on 1.05 acre parcel with adjoining 2.18 and 1.7 acre parcels, 175 Pembroke Road c.1935 Cape on 1.7 acre parcel. Corporate office park on south side of road opposite area.			The Project is adjacent to the west side of this small area which extends nearly two-tenths of a mile to the east of it. All the houses which have diminished integrity face south. Viewshed maps indicate small and scattered views to the rear of the two westerly buildings. These views do not relate to the historic significance of them and the office building no longer has integrity for historic period. A stand of mature deciduous and evergreen trees are located between the Project and the area. Most of the properties have mature trees that screen indirect views. The Project will not be visible in the main public views of the historic resources.
	Concord	220 Pembroke Road	CONC197	43.212765	-71.479744	S		c.1950 cabin on 3.6 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	124 Airport Road	CONC199	43.199874	-71 506732	S		124 Airport Road is a c.1930 cottage with 2001 telephone building (122 Airport Road) on same 3.7			Viewshed maps and field review indicate the Project will not be visible.
	Concord	134 Manchester Street	CONC200	43.188182	-71 503962	S		c.1968 Auto garage on 3.91 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	7 Old Suncook Road	CONC201	43.190643	-71 507506	S		c.1968 Shop building on 0 54 acre parcel.			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.
	Concord	15 Old Suncook Road	CONC202	43.191718	-71 507908	S		c.1950 Ranch on 0.34 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	9 Broken Bridge Road	CONC203	43.184837	-71.4964	S		c.1930 altered Cape on 2.05 acre parcel.			The Project is over four-tenths of a mile away to the east. The house faces southerly and is sited in the southwest corner of property which is largely wooded except in front of house to the south. Viewshed maps indicate small views from the southwest corner of the property. These views do not relate to the historic significance of the historic resource. No potential views from the immediate vicinity of the house. The Project will not be visible in the main public views due to distance and heavy mature vegetation screening on this property and in areas between the property and the Project.

Category	Town	Address	ID	Latitude	Longitude	Single or Multiple Property	Name	PROPERTY INFORMATION	Photo ID	PREVIOUS HISTORIC RESOURCES DOCUMENTATION	Visual Relationship to Project
	Concord	190 Manchester Street	CONC204	43.186926	-71.497269	S		c.1950 altered store with mobile home park (mostly altered mobile homes) on 5.78 acre parcel. No integrity. The setting is diminished with modern intrusions to the north.			The Project is nearly four-tenths of a mile away to the east. The altered store no longer retains integrity for its historic period. The mobile homes face in different directions and are largely set in wooded areas. Viewshed maps indicate small and scattered views throughout property. Views unlikely due to distance and mature vegetation screening between property and Project. No integrity for historic period.
	Concord	192 Manchester Street	CONC205	43.185266	-71.49502	S		c.1930 Cape with mobile home park on 1.8 acre parcel.			Viewshed maps and field review indicate the Project will not be visible.
	Concord	133, 135 Airport Road	CONC206	43.199246	-71.505277	M		Pair of houses that back up to Concord Municipal Airport. 133 Airport Road c. 1890 endhouse with front porch on 0.32 acres. 135 Airport Road altered c.1920 house on 0.46 acres. One house lacks integrity for historic period.		In CON-AR	The Project is nearly a mile away to the east. The houses all face to the west. Viewshed maps indicate intermittent views from isolated portions of the area, to rear of houses. These views do not relate to the significance of the property. The Concord Municipal Airport abuts these two properties to the east. The Project will not be visible in the main public views of the historic resources due to distance and some mature vegetation screening.
	Concord	99 Airport Road	CONC207	43.202369	-71.507352	S		Built c.1959 as Northeast Electronics plant, the first industrial building erected in the vicinity of the airport, which this 3.5 acre parcel abuts		in CON-AR	The Project is located one mile away to the east on the far side of the Concord Municipal Airport. The plant faces west towards the road. Views are not character-defining for this historic resource. Viewshed maps indicate scattered and intermittent views on the property which is partially outside the APE. The Project will not be visible in the main public views owing to distance, mature vegetation screening, and modern intrusions. The Project may be visible in indirect views but these are not character-defining for this utilitarian historic resource.
	Concord	Airport Road	CONC208	43.191574	-71.502442	S		Nearly 48 acres with three city owned ballfields, c.1968			This property may have views of the Project so when the property achieves fifty years of age it should be assessed for potential visual effects.

# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: CONC01**

Property Name/Addresses:

Guay Street Area/  
133-149 Pembroke Road; Guay Street;  
1-13 Cricket Lane; 22-26 Temi Road;  
Denis Drive, Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

This is a residential area containing forty-two small-scale houses, nearly all of which are part of a late 1950s/early 1960s residential subdivision located off Pembroke Road in the Plains section of the city. Three of the houses, all on Pembroke Road or just off of it, predate the development by one or two decades. All the houses are oriented toward a road without any scenic views.

The existing transmission line right-of way runs less than one-tenth of a mile east of the area and crosses Pembroke Road. It runs northerly/southerly at a slight angle from the area with its closest point just north of Pembroke Road. At that location it is less than 100' east of the most southeastern house in the area (149 Pembroke Road). The house faces south but the area between the property and ROW is open to the ROW. Most of the lots on the east side of Guay Street are separated from the ROW by a parcel covered with mature evergreen trees. The ROW was established by 1929, before the development of this subdivision and the construction of the earlier houses.

This area developed in two phases. The three oldest houses in the area are all on Pembroke Road (139, 143, and 147), built between c.1929 and c.1946. The owner of 139 Pembroke Road was the developer of the 1950s subdivision off of Pembroke Road. It consists of several short intersecting linear roads within the subdivision including Guay Street, Tami Road, Cricket Lane, and Denis Drive, plus two houses on Pembroke Road. All but one of the houses on Guay Street dates to the late 1950s or early 1960s. 20 Guay Street is less than fifty years of age, having been built in 1970 according to the tax card. Three of the four houses on Temi Road were in the same period as those on Guay Street. Cricket Lane was developed slightly later, with most of the houses dating to the mid-1960s. [At this time some of them do not meet the National Register fifty-year age-eligibility criterion as they date to between 1965 and 1968 according to the tax cards.] The houses on Pembroke Road that are part of or contemporary with the subdivision range in date from the mid-1940s to 1960, according to the tax cards.

Modern development on the south side of Pembroke Road includes modern office parks and light industrial buildings. Modern condominium housing is present to the north and northwest of the area.

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH

The houses in the Guay Street Area are small-scale capes and ranches, many with replacement siding and/or windows. The houses are sited on nearly quarter-acre lots with roughly 15' to 20' setbacks. The flat, nearly square lots have front lawns and mature vegetation. Most of the houses in the area focus into the neighborhood, facing the interior streets and the neighboring houses across those streets.

The area was developed by Lodore J. (1902-1968) and Elizabeth (Guay) (1903-1991) Denis who had acquired the land in 1948 and platted it immediately with a revised plan in 1949 that was not filed with the Registry of Deeds until 1959 (see plat below). Although Pembroke is an early road, the vicinity of the new development was largely undeveloped at that time. This area of Concord, known historically as "The Plains," featured sandy soil that promoted dense growths of Pitch Pines. At the time of the 1948 platting the property included their c.1929 Cape, 139 Pembroke Road, and 143 Pembroke Road, the neighboring house to the east, a c.1943 Cape.

The tax cards show development moved somewhat sequentially along the streets, beginning first on Guay Street and Temi Road, followed by Cricket Lane in the mid-1960s. Research on Ancestry.com shows Denis was a foreman of bridge construction for the Boston and Maine Railroad. By the early 1960s he was a realtor.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The area may possess significance under Criterion A for Community Planning and Development as an example of small-scale subdivision development in the 1950s and 1960s. The type and scale of housing in this development and its immediate vicinity is characteristic of that constructed in many areas of Concord in the decades after the Second World War. Though there are likely other examples in Concord with greater integrity for this association, for the purposes of this Project we assume eligibility.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The area appears to retain sufficient integrity of feeling, location, and association as a late 1950s/early 1960s residential subdivision. The setting within the area retains integrity. The small number of houses in the area that are less than fifty years of age are similar in scale, massing, and siting on the house lot to the historic resources, and once they reach sufficient age are likely to contribute to the area. The historical setting around the area has been diminished by modern

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH

residential development north and west of the area and by the modern corporate and light industrial development on the south side of Pembroke Road.

The historic resources in the area no longer retain integrity of design, materials, and workmanship. While many of the properties appear to retain integrity of proportion, scale, and massing, most have replacement siding and windows. As a result, a number of the properties no longer retain the key exterior materials dating from the period of their historic significance and the replacement siding often masks features and detailing. However, since the area may be eligible only under Criterion A, the loss of integrity of design, materials, and workmanship does not significantly diminish its significance.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcel of land associated with the historic structures appears to be part of the eligible property?*

The boundaries of the area would likely be the original subdivision plat, Revised 1949, plus three properties to the west of the original plat property (133, 135, 135A Pembroke Road) and one property to the east of the original plat boundary (149 Pembroke Road), all along Pembroke Road. The house lots are characteristic of the scale of development and the housing is of similar scale and similarly sited on the lots.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*Historic Resource Assessment*

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Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH

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*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**



*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**



*Additional comments relating to effects:*

The Project is not visible in the main public views of the area, along the interior streets of the area. Mature evergreen trees along the eastern property lines and on land between the eastern lots and the Project screen any views. The Project is also not visible in the main public views of the south-facing houses on Pembroke Road. The Project is visible, however, as it crosses Pembroke Road and in the background to the side of the most southeasterly house in the area when the area is approached from the west on Pembroke Road. These views are not in the main line of sight of the area but are indirect views as one approaches the area on Pembroke Road. The two existing 115-kV transmission lines adjacent to this area and 149 Pembroke Road in particular are already substantially visible. The Project will not substantially alter the inherent character of this part of the area and its setting.

The Project will not be substantially visible in historically significant views from the historic resource. Views from the resources are not a character-defining feature of the area. Intermittent views of the Project may be visible in indirect views from the front yards of the other properties along Pembroke Road, where it is one-tenth of a mile or less away to the east. Intermittent indirect views of the two existing 115-kV transmission lines are already present. These are secondary views as all the houses face south and not in the direction of the Project. The Project will not substantially alter the inherent character of this part of the area and its setting.

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane;  
22-26 Temi Road; Denis Drive, Concord, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-4 (Google Earth)

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane;  
22-26 Temi Road; Denis Drive, Concord, NH

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Photo 1) Easterly side of Guay Street, facing northeast; the Project is less than one-tenth of a mile east of the mature evergreen trees [2014 Field Photo: IMG\_4304]



Photo 2) 9, 11 Guay Street, facing northwest (Google Earth Street View)

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH

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Photo 3) 147 and 149 Pembroke Road, the two properties in the southeast corner of the area, facing northeasterly [2014 Field Photo: IMG\_4308]



Photo 4) Denis House, 139 Pembroke Road, built c.1929, before the rest of the houses in the area [2013 Field Photo: IMG\_2053]

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH

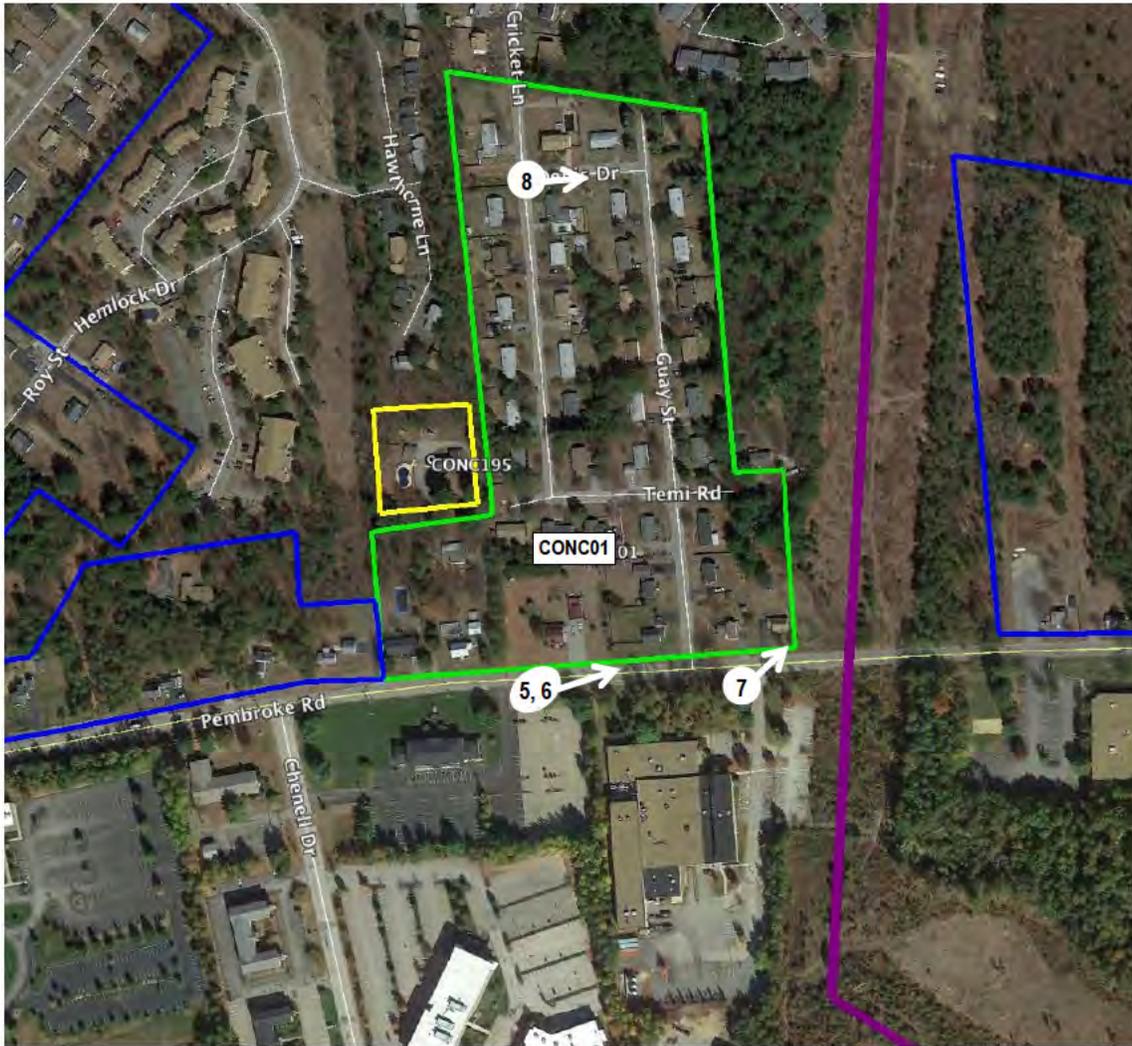


“Proposed Development of Property of LJ & EG Denis, Concord, NH,” surveyed Aug 1948, revised May 1949, Plan No. 1619, Merrimack County Registry of Deeds (filed in 1959)

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH



Map Key

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH



Viewshed map showing CONC01 (white arrow), Limit of APE for Historic Resources ----- and Project —————



Photo 5) Houses on Pembroke Road (Nos. 143, 147, 149) and Guay Street (No. 2) and view down the street towards the Project where it crosses Pembroke Road, with leaves on conditions [2013 Field Photo: Pano\_2055-2058]

*Historic Resource Assessment*

Property ID: CONC01

Property Name/Address: Guay Street Area/133-149 Pembroke Road; Guay Street; 1-13 Cricket Lane; 22-26 Temi Road; Denis Drive, Concord, NH



Photo 6) Houses on Pembroke Road (Nos. 143, 147, 149) and Guay Street (No. 2) and view down the street towards the Project where it crosses Pembroke Road, with leaves off conditions [2014 Field Photo: Pano\_4299-4302]



Photo 7) 149 Pembroke Road, facing northeast with the existing transmission lines where they cross the road next to house [2014 Field Photo: Pano\_4305-4307]



Photo 8) Denis Drive, facing east towards the Project (Google Earth Street View)



# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

Property ID:  
CONC05

Property Name/Address:  
1, 5, 7 Old Loudon Road,  
Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

This is a trio of small, altered early to mid-twentieth century houses, located just northerly of the intersection of Old Loudon Road and Loudon Road. The three houses face southerly towards the intersection. A small local distribution generation station is located immediately north of the three houses.

The two existing 115-kV transmission lines and one distribution line pass diagonally in front of the houses and are less than one-tenth of a mile away to the east of the group. The ROW, which changes direction just northeast of this area, was established by 1929.

This group is in an area of Concord, known historically as "The Plains," that featured sandy soil that promoted dense growths of Pitch Pines. Old Loudon Road is a by-passed historic road that was developed mostly in the later nineteenth and early to mid-twentieth century with a mix of houses. New Loudon Road is a multi-lane road lined with shopping malls and corporate office parks; the houses face this road.

The original form of 1 Old Loudon Road, built c.1940, is no longer identifiable due to additions and alterations. 5 Old Loudon Road, a c.1938 bungalow with a gable roof, has some historic finishes, most notably its windows with 3/1 vertical lights. The front porch is enclosed with banks of windows. 7 Old Loudon Road is a small hip-roofed cottage, also with 3/1 vertical lights. This pair occupies the same parcel and each has a one-car gable-front garage. Views from the houses are not character-defining.

Viewshed mapping and on-site survey indicates views from the houses in the direction of the line and also indirect and secondary views of the line from each. There are a few mature deciduous and evergreen trees scattered in front of and to the side of the houses that provide some screening, including to the east of the group. The existing transmission lines are already substantially visible in the main public views of the group. The Project will not substantially alter the inherent character of the group and already compromised setting.

The proposed clearing of vegetation on the northerly side of the road in the right-of-way and to two of the properties (5 and 7 Old Loudon Road) could increase the visibility of the Project.

The Project will not be substantially visible in the main public views of the historic resource.

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?

Y  N

This group of early and mid-twentieth-century houses does not appear to possess significance under any criteria, either as a group or individually. They do not appear to have significance for an association with a pattern of events or historic trends nor do they appear to have significance for their physical design or construction.

**b. Integrity:**

Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

This group of properties no longer retains sufficient integrity to convey their historic significance. Modern intrusions including the widened and rerouted modern Loudon Road and extensive modern development along Loudon Road, a multi-lane roadway, that compromise the integrity of the setting and location. Alterations and replacement siding and/or windows compromise the integrity of design, materials, and workmanship.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

How much of the parcel of land associated with the historic structures appears to be part of the eligible property?

[Empty text box for boundary discussion]

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

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**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

#### IV. SUPPORTING MATERIALS



Key to Photos 1-4 (Google Earth)



Photo 1) 1 Old Loudon Road, facing north [2014 Field Photo: IMG\_4295]

*Historic Resource Assessment*

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

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Photo 2) 5 Old Loudon Road, facing NNW [2013 Field Photo: IMG\_2063]



Photo 3) 7 Old Loudon Road, facing northwest [2013 Field Photo: IMG\_2065]

*Historic Resource Assessment*

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

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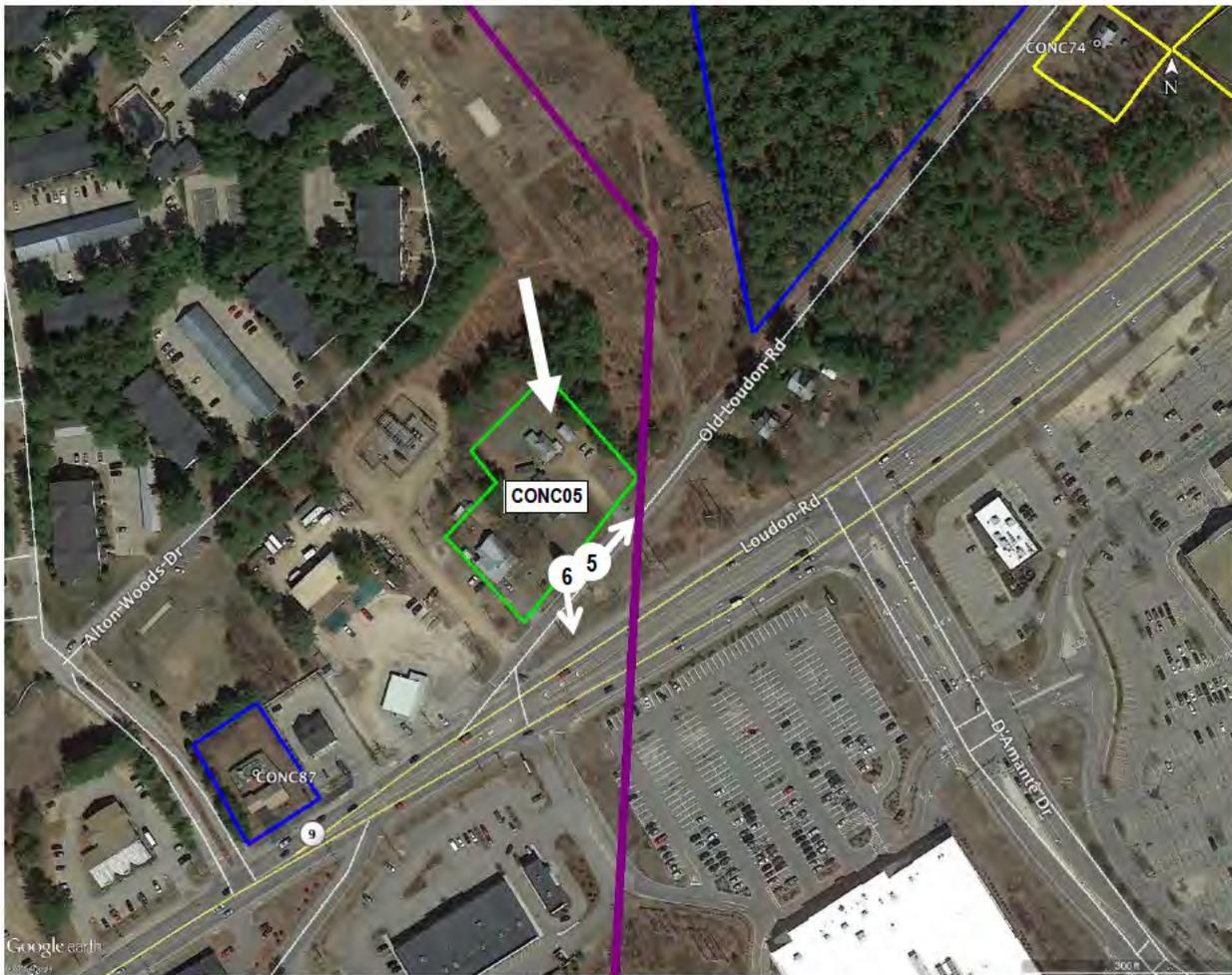


Photo 4) 5, 7 Old Loudon Road, facing northwesterly, leaves off. Local distribution structures from transmission station immediately north of group are visible in background [Field Photo 2014: IMG\_4275]

*Historic Resource Assessment*

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH



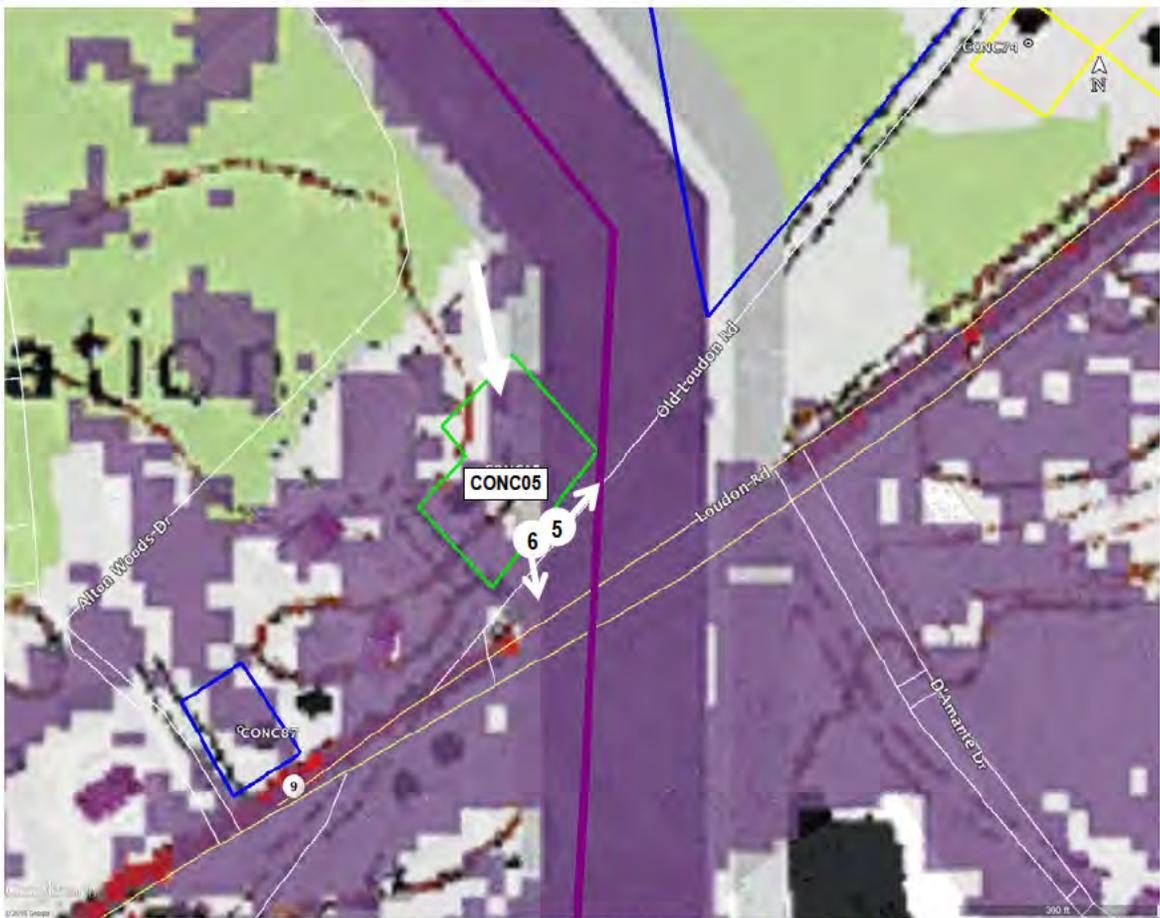
**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH



Viewshed map showing CONC05 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 5) 5 and 7 Old Loudon Road, facing northeast in direction of Project, showing relationship to existing transmission lines [2013 Field Photo: Pano\_2074-2077]

*Historic Resource Assessment*

Property ID: CONC05

Property Name/Address: 1, 5, 7 Old Loudon Road, Concord, NH

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Photo 6) View south from in front of the houses towards Loudon Road, modern development, and existing transmission lines (Google Earth Street View)



# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: CONC21**

Property Name/Addresses:

Concord Municipal Airport Historic District  
(DOE 2011)/  
65-91 Airport Road, Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

The Concord Municipal Airport Historic District occupies a large, level parcel of more than 570 acres on a broad plateau above and to the east of the Merrimack River, at the southeast corner of Airport Road and Regional Drive in Concord Heights. The historic buildings, notably the Terminal Building (built 1937/1942/1961), Hangar No. 1 (built 1942), Hangar No. 2 (built 1929), Hangar No. 3 (built 1957), and substation (built by 1945), are located in a row along the westerly side of the grounds, just outside the APE. The runways, taxiways, aprons, and most of the land around them are within the APE, to the northeast and east of the historic buildings. All the historic buildings are oriented to the northeast, towards the runways and taxis, in the direction of the Project which is more than a mile away. The ROW dates to no later than 1929.

The Terminal Building consists of the original 1937 one-and-a-half story brick clad building with a 1942 raised second story under a hip-on-hip roof. A 1961, one-story, brick-clad addition extends to the northwest. The public elevation faces southwest, towards Airport Road. The northeast elevations of both sections historically had large window openings or banks of windows, providing views of the runways in the foreground and the originally undeveloped lands in the distance to the northeast. The northeast elevation also includes a passenger and pilot entrance. According to the 2011 Historic District Area Form the 1942 expansion included raising the roof to a full two stories and the addition of a glass-enclosed rooftop control tower on the southeast corner. The tower was enclosed in 1955, leaving just a small window on the northeast elevation, and then eventually removed, possibly in the early 1970s. The windows on the second story were covered by vinyl siding ca. 2002. The three historic hangars, with a large opening on the northeast elevation, also are oriented toward the runways.

The vicinity of the airport is a heavily developed mixed-use area. The area includes early and mid-twentieth-century housing, twentieth-century commercial and corporate buildings, the New Hampshire State Military Reserve, and twentieth-century industrial buildings.

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

The airport land is a designated conservation zone as it is essential habitat of the Karner Blue Butterfly, an endangered species. There is a 28-acre Conservation Easement for the endangered butterfly, a satellite of Great Bay National Wildlife Refuge and managed by the New Hampshire Fish and Game Department (Merrimack River Wildlife Heritage Trail web site, on line at: <http://merrimack.wildnh.com/karnerblue/>).

## II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

### a. Significance:

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

In 2011 a Project Area/Historic District Form (Area CON-CMA) was prepared and the Airport was determined eligible for the National Register under Criterion A and C. The Concord Municipal Airport was the first such facility in the State of New Hampshire. The following is from the Determination of Eligibility:

In 2011 the Concord Municipal Airport was found eligible for the National Register under Criterion A “for its role as a pioneer in the evolution of New Hampshire aviation. Initially opened in 1927, it was the first such facility in the State of New Hampshire, predating the state’s second airport (Manchester) by several months. It was turned over to the city for operation as a municipal airport in early 1937, at a time when airport development was just beginning to recover from the Depression. Many of the buildings date to the early years of municipal ownership and management, and [as of 2011] there has been no demolition of primary airport-related resources since 1942, when the first hangar was replaced with the existing Hangar No. 1 and the current runways were laid out. Although the runways have been extended and widened since then, and one is no longer in use, their alignment and points of intersection with each other have not changed. As a complex, the airport continues to convey early aviation history in New Hampshire and captures the design and layout of an early 1940s civilian facility. All of the buildings remain on their original sites and illustrate the facility’s north to south evolution. Furthermore, the 1936 terminal and each of the three historic hangars remain in active use....” “The airport appears to be the earliest intact aviation facility in New Hampshire.”

The Airport was also found eligible for the National Register under Criterion C: “The facility retains all of the buildings that were in place by the early 1940s, including a terminal, two hangars and an electrical sub-station. Each of the later hangars introduced to the airport has been sited in such a way that the original development pattern from north to south has been maintained. The airport also retains its early 1940s runway layout. Despite extensions to those runways, the discontinuation of one, and the introduction of a taxiway within the past fifty years, the alignment and points of intersection of the three runways has not changed, nor has their relationship to the terminal and hangars.”

The contributing buildings include the terminal building, three hangars, and a small electrical sub-station. The other contributing historic resources consist of three runways (of which only two are in

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

use), as well as two taxiways, and two aprons located northeast of the buildings. The non-contributing buildings, all due to age, include four hangars and two small sheds.

See "Transportation" context in *2015 Northern Pass – Merrimack Valley Project Area Form* by SEARCH. They noted the airport is representative of the development of air transportation in New Hampshire.

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the area/district appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The Concord Municipal Airport retains all the aspects of integrity necessary to convey its historic significance.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district has met the potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcel of land associated with the historic structures appears to be part of the eligible area/district?*

The 2011 Determination of Eligibility identified the boundary for the Concord Municipal Airport as encompassing the entire property "as all of it has been vital to the airport's operation over the years. Though the historic airport buildings, runways and apron are concentrated at the northwest end of the property, the cleared land to the southeast and east has provided the requisite unobstructed safe approaches and landings for at least fifty years. The northeast corner, which contains only non-contributing resources, was not excluded since the land has been part of the airport's core property for at least fifty years. Furthermore, each of those resources is directly tied to the airport's operations and may achieve significance when they attain the fifty-year benchmark for National Register eligibility."

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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### III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the area/district? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resources.**

**The Project will create a focal point that distracts from the appreciation of the historic resources.**

**The Project will be substantially visible in historically significant views from the historic resources.**

**The Project will isolate the historic resources from the historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

This property has historic views from the Terminal Building facing northeast in the direction of the Project which is one mile away. The Project will not be visible in these historically significant views towards the taxiways and runways and of the planes landing, taxiing, or taking off. These views to the northeast include modern intrusions such as the 2004 New Hampshire Army National Guard offices and seven-bay hangar, National Guard Fuel Storage Building, on the far side of the runways and taxiways, and the 2006 T-hangar northeast of them. Farther northeast between those buildings and the Project are additional modern intrusions (late twentieth-century corporate office buildings) along Chenell and Regional drives. Many of the historic views, such as from the Control Tower or the second-story windows, no longer exist because of the removal of the tower and windows at that level. The views to the southeast where the Project traverses the hillside are indirect views from the Terminal Building and they are distant, more than one mile away. Though the Project is visible against the sky, any view will be distant and indirect. In addition, a pair of cell towers on the same hillside is also present in this indirect, distant view.

The Project will not be substantially visible in the main public views of the historic resources. The Project is distantly visible in only one indirect view from Airport Road, when looking southeast between the Terminal Building and Hangar No. 1. In this indirect view the Project is visible, but is more than a mile away to the southeast as it traverses an elevated hillside in Pembroke. Though the Project is visible against the sky, any view will be distant and indirect.

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

The viewshed maps show views from the runways and taxiways because of the flat topography but these are not character-defining views of the historic resource. The Project will not create a focal point that distracts from the appreciation of the historic resources. Nor will the Project isolate the historic resources from the historic setting as it is a mile away to the east.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-4 (Google)

*Historic Resource Assessment*

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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Photo 1) Concord Municipal Airport Terminal Building, southwesterly elevation, facing north [2014 Field Photo: IMG\_4267]



Photo 2) Hangars No. 1, No. 2, No. 3, T-hangars (2), and Hangar No. 4, facing southeasterly from Airport Road [Pano\_2085-2088]

*Historic Resource Assessment*

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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Photo 3) Hangars No. 1, No. 2, Terminal Building, and Antennae Enclosure (c.1980s) and sheds (c.1970s-1980s), from Regional Drive, facing south [2015 Field Photo: IMG\_0008]



Photo 4) Northeasterly elevation of Terminal Building, facing southwest. The 1942 section is to the left and the 1961 section is to the right. From the 2011 Concord Municipal Airport Historic District Area Form by Elizabeth Durfee Hengen. Photograph by Elizabeth Durfee Hengen, 2010.

*Historic Resource Assessment*

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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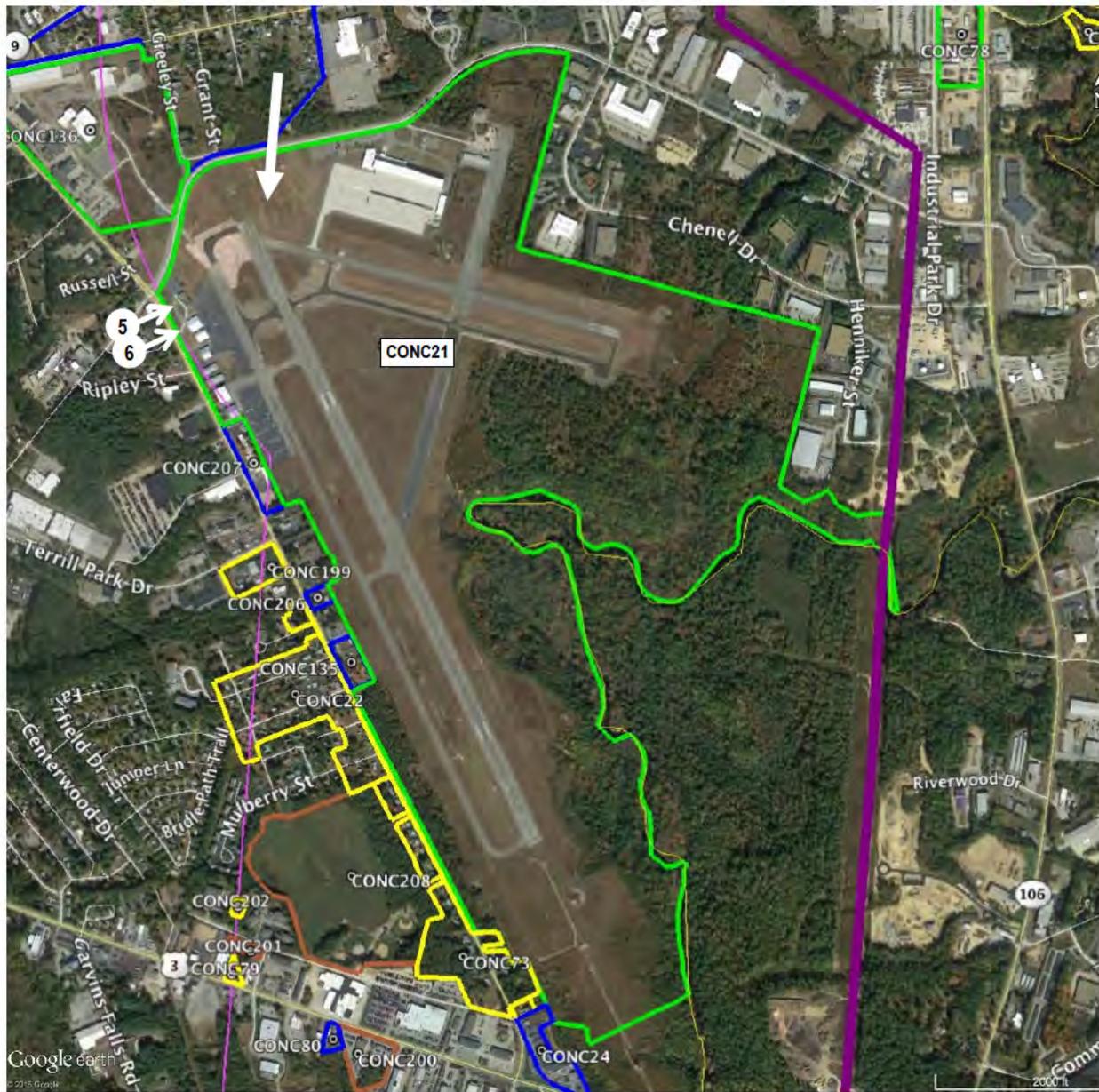


The Administration Building (now the Terminal Building) after 1942 remodeling when it was expanded to two stories with a rooftop control tower. According to the 2011 Historic District Area Form the tower was fully enclosed in 1955, leaving only a small window facing northeast and then likely removed in the early 1970s. The second-story windows are now blocked with vinyl siding.

Historic Resource Assessment

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH



*Historic Resource Assessment*

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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**Map Key**

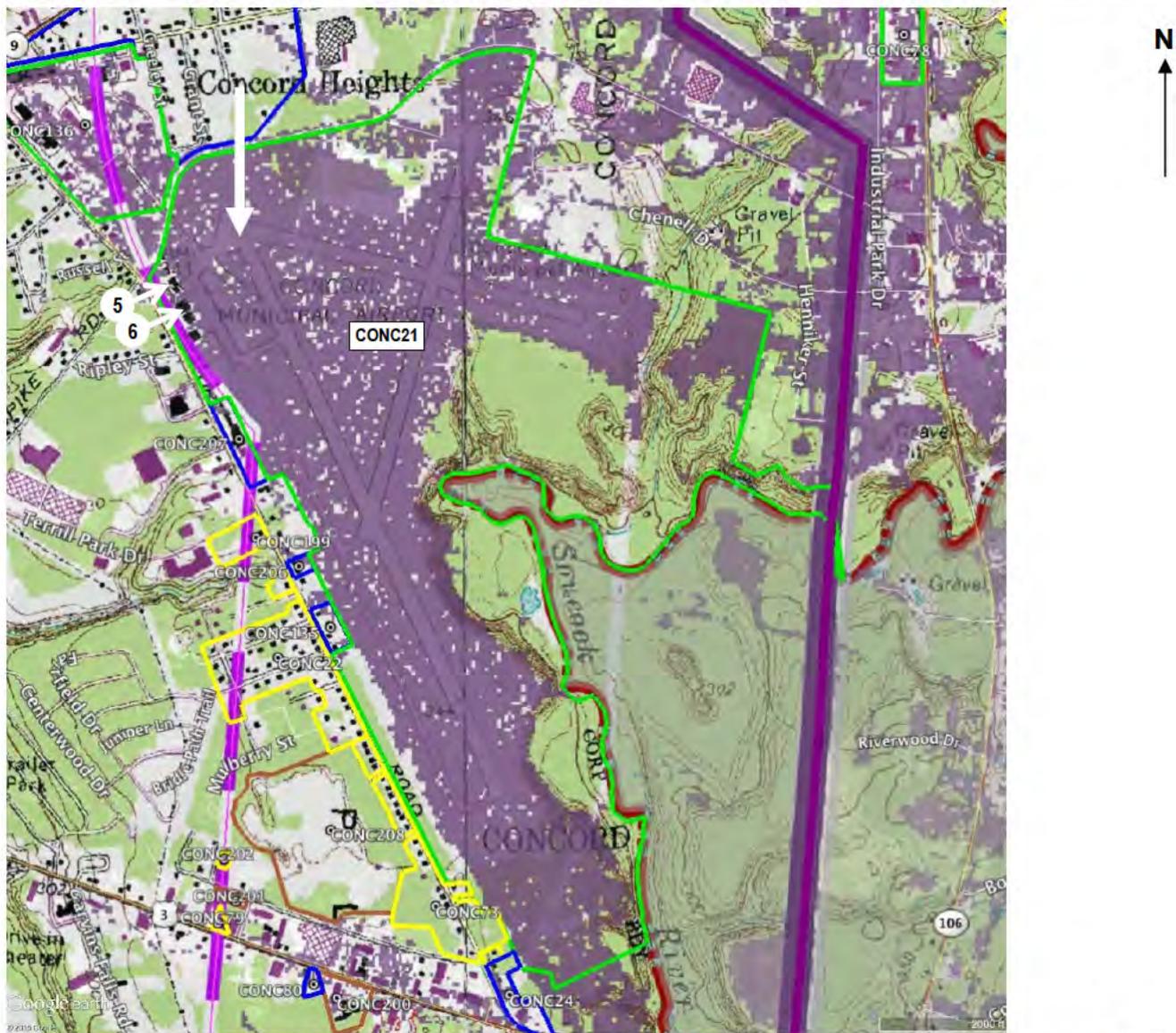
Parcel boundaries of pre-1968 properties:

 Yellow	Properties with no views of the Project		Project
 Blue	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
 Green	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
 Red	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
 Aqua	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
 Brown	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Historic Resource Assessment

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH



Viewshed map showing CONC21 (white arrow), Limit of APE for Historic Resources - - - - - and Project - - - - -



Photo 5) Terminal Building and Hangar No. 1, southwesterly elevations, facing northeasterly towards the Project from Airport Road [2013 Field Photo: Pano\_2081-2084]

*Historic Resource Assessment*

Property ID: CONC21

Property Name/Address: Concord Municipal Airport Historic District (DOE 2011)/65-91 Airport Road, Concord, NH

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Photo 6) View northeasterly, easterly, and southeasterly towards the Project. The New Hampshire Army National Guard offices/hanger are in middle ground. The hillside with the Project in the background also has pair of cell towers on ridge [2014 Field Photo: Pano\_4260-4265]



Photo 7) View northeasterly, easterly, and southeasterly towards the Project. The New Hampshire Army National Guard offices and hanger are in middle ground. The hillside with the Project in the background also has pair of cell towers on ridge [2015 Field Photos: Pano\_0017-0020]



Photo 8) View easterly and southeasterly towards Project and cut of existing transmission line as crosses hillside southeast of airport [2015 Field Photos: IMG\_0012]

# Northern Pass Project Historic Resource Assessment

## Individual Property Analysis

This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.

Property ID:  
CONC46

Property Name/Address:

Concord Country Club/  
22 Country Club Lane,  
Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

The Concord Country Club, established 1930, occupies a nearly rectangular 140-acre parcel. The property, located on a gradually sloping site between Mountain and Shaker roads, includes a clubhouse sited on a rise, facing north, and a golf course extending from the building to the west, south, east and northeast. The original nine-hole golf course is located to the south and west of the clubhouse. The course was expanded in the mid-1970s with an additional nine holes to the east and southeast of the building.

The existing transmission lines are one-half mile or more away to the east from the clubhouse and original nine holes and generally at a lower elevation. At the northeast corner of the property the Project is less than one-tenth of a mile away to the east and at the southeast corner it is nearly three-tenths of a mile away to the east but these parts of the golf course are not historic as they date to the 1970s expansion and thus are not fifty years of age. The ROW dates to no later than 1929 and thus predates the construction of the club.

Since its construction c.1930, the original side-gable stone clubhouse has been expanded with wings to the east and west several times at unknown dates, with the last major one in the 1970s or 1980s. At that time the west wing was expanded to wrap around the south elevation to provide scenic views

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH

in that direction. A pool, added sometime between 1956 and 1967 according to historic aerials is sited southeast of the clubhouse. Small stands of evergreen and deciduous trees are scattered throughout the course. A 1967 historicaerials.com photo shows the easterly half of the property was still wooded. The wooded area was developed with an additional nine holes only in the mid-1970s when the club expanded the golf course east towards Maple View Farm (CONC47), one of Concord's intact nineteenth-century connected farmsteads, and Shaker Road. A late twentieth-century suburban housing development is located immediately north of the country club, off Country Club Lane. It does not appear that the design of the course or the clubhouse was created with the intent to include particular rural views or historically significant views.

The club was developed on the old Trombly Farm. According to a 2012 article in the *Nashua Telegraph* the original nine-hole course was designed by New Hampshire golf-course designer Ralph Barton; Geoffrey Cornish refined the mid-1970s expanded course in the late 1980s.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of a type, period, or method of construction. The original building is characteristic in form and style for clubhouses of the period, which became increasingly common in the 1920s with the popularization of golf nationally. The property also may be significant under Criterion A as a good example of a 1930s nine-hole golf course designed by one of New Hampshire's better known course designers with an associated clubhouse and other structures and features. See "Recreation" context in the *2015 Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The clubhouse was altered with a large addition in the mid-1970s and the course was expanded to eighteen holes at the same time. Nonetheless, the character of the historic clubhouse and course are intact, and the additions do not detract measurably from the property's integrity.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The boundary would likely be the setting of the clubhouse and the original nine holes of the golf course.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

The Project will not be substantially visible in the main public views of the historic resources. The clubhouse faces north and the Project is roughly one-half a mile to the east. Photographs on the Country Club website of the holes along the original course show most are surrounded by stands of trees, with views only the length of the fairway and green. The Project is also one-half mile away to the east of the original nine holes and well screened by topography and mature vegetation around each of the original nine fairways and greens and also between the nine-hole course and the Project. The Project will not be substantially visible in historically significant views from the historic resources. The existing transmission lines are essentially not visible from the few locations that

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH

were part of the public right-of-way, and part of the historic property, such as the clubhouse parking lot. Though viewshed mapping indicates that views of the Project are present from the highest part of the property, especially to the south of the clubhouse, these would be indirect views to the east of the Project. These indirect views are not character-defining. There may also be some small, scattered views from the original portion of the golf course, but they will be distant and intermittent due to the presence of tree screening between those original nine holes and the Project. The Project may be visible indirectly in a few locations at the eastern edge of the 1970s portion of the course with intermittent screening by a mix of deciduous and non-deciduous trees. These are not historic views, as this portion of the property was wooded until the mid-1970s when the course was expanded to eighteen holes. The now scenic views to the south from the clubhouse are not historic views and are not in the direction of the Project.

#### IV. SUPPORTING MATERIALS



Key to Photos 1-2 (Google Earth)

*Historic Resource Assessment*

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH

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Photo 1) Façade (north elevation) of Concord Country Club, with original stone clubhouse flanked by later additions, view southwest from parking lot [2013 Field Photo: IMG\_2143]

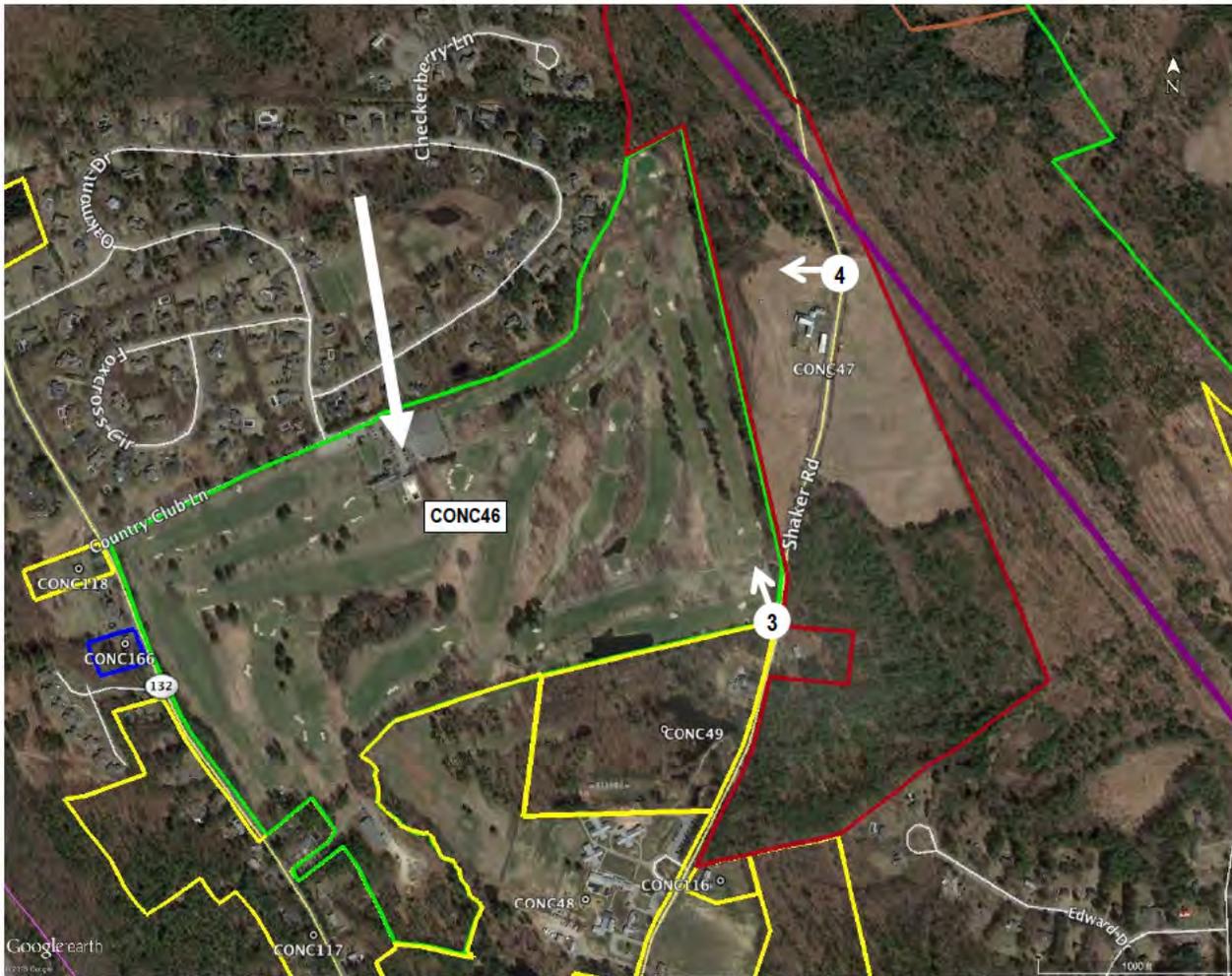


Photo 2) View southeast of clubhouse from Country Club Lane [2014 Field Photo: IMG\_4405]

*Historic Resource Assessment*

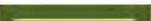
Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH



**Map Key**

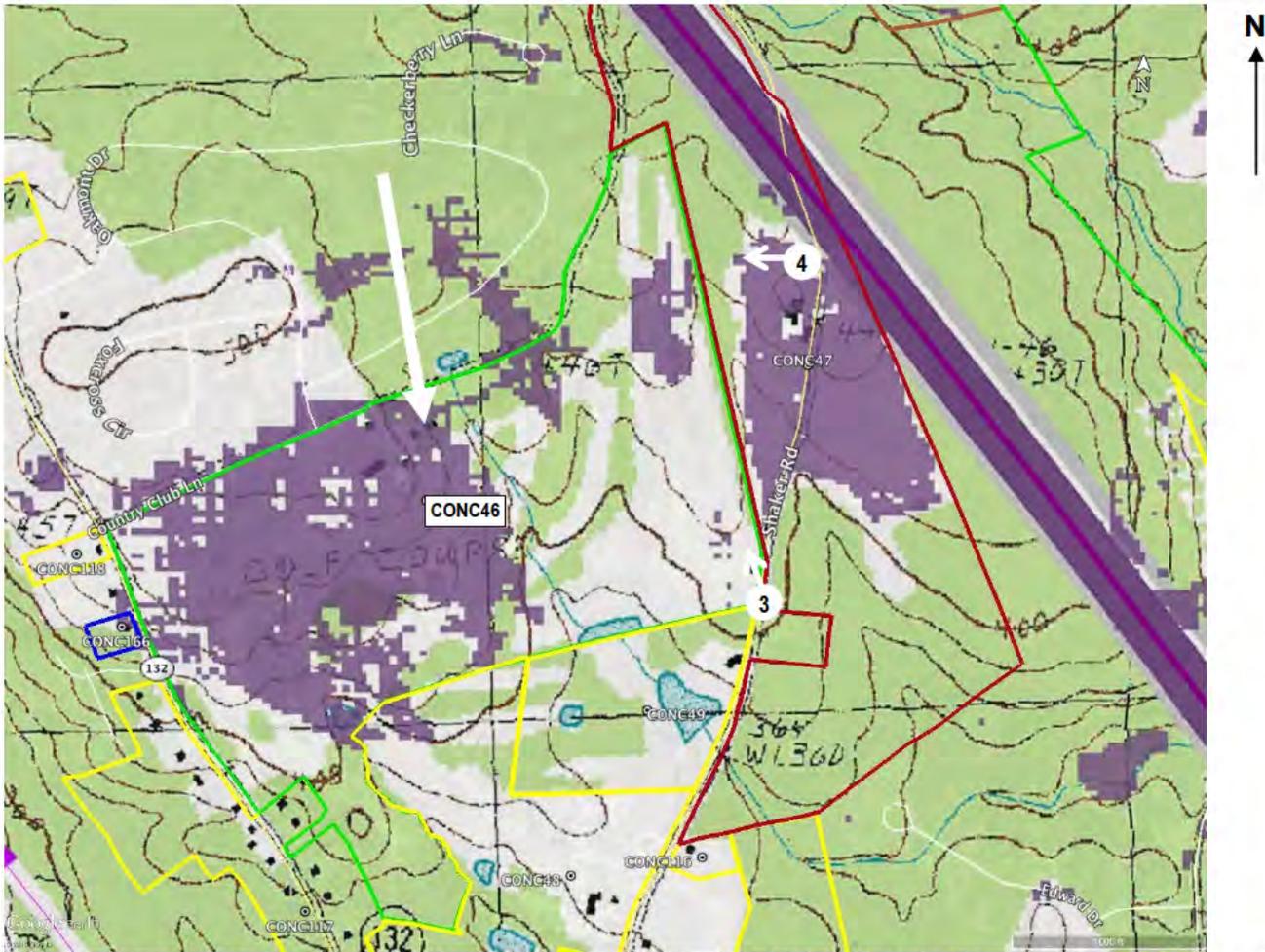
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Historic Resource Assessment

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH



Viewshed map showing CONC46 (white arrow), Limit of APE for Historic Resources  and Project 

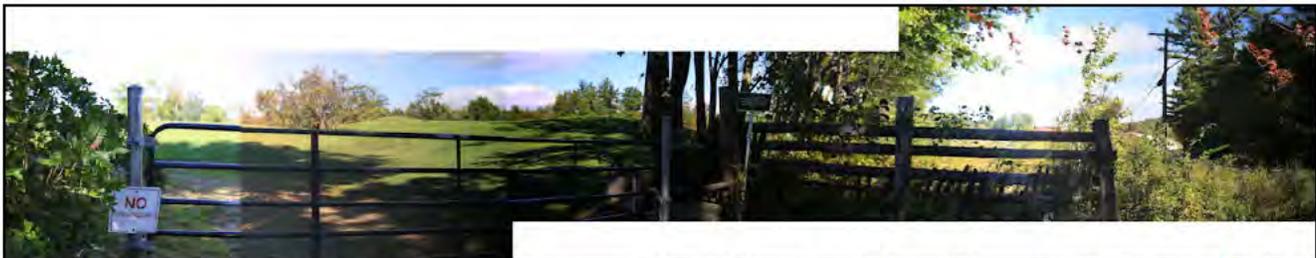


Photo 3) View from Shaker Road through trees of the 1970s part of the golf course, facing north [2013 Field Photo: Pano\_2132-2138]

*Historic Resource Assessment*

Property ID: CONC46

Property Name/Address: Concord Country Club/22 Country Club Lane, Concord, NH

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Photo 4) View westerly from Shaker Road across Maple View Farm fields of 1970s section of golf course; the Project may be visible through the trees from the golf course but this section is not of sufficient age [2013 Field Photo: IMG\_2140]

# Northern Pass Project Historic Resource Assessment

## *Individual Property Analysis*

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: CONC47**

Property Name/Address:

Maple View Farm/  
183 Shaker Road, Concord, NH



### **I. PROPERTY DESCRIPTION AND SETTING**

Maple View Farm features a c.1851 connected farmstead on an elevated site with historically significant views to the east. The property has a high level of integrity for its buildings and agricultural landscape, and represents an important mid-nineteenth-century cultural landscape. The farm consists of two parcels on either side of Shaker Road: a nearly forty-acre parcel where the buildings on the westerly side and a nearly sixty-acre parcel on the opposite side of the road, mostly open fields but some forested area to the south. The expansive agricultural landscape of the property includes pasture, fields, stone walls, woods, and some reforested land. The land around the connected buildings is open as is the field on the other side of the road. The northerly one-third of the west parcel is wooded.

The existing transmission lines cross the fields opposite the buildings on the east side of the road. There are views of the existing transmission lines from the buildings as they run across the open field. The existing transmission lines also cross the road less than two-tenths of a mile away to the north of the farmhouse and run diagonally northwest away from the buildings through a wooded part of the property for nearly one-third of a mile. The original ROW dates to no later than 1929.

The intact connected farmstead consists of a group of mostly mid-nineteenth century structures. The one-and-a-half story Greek Revival end house has a one-and-a-half story wing that connects to a New England barn. On the south elevation of the barn is a bank barn addition with a one-story, shed-roofed addition on its south elevation. A mid-nineteenth-century grain silo is situated in the re-entrant angle between the barn and one-story shed-roofed addition on the west end of the main barn. The property also includes two early twentieth-century connected equipment sheds that back up to Shaker Road. The buildings retain their historic finishes and detailing. On the easterly side of the road is a metal shed, likely a shelter for animals.

The setting is a developing mixed-use road with scattered suburban development along the road and to the west of the property off of Mountain Road, but the farm itself is protected from this development due to its size and location. Between the development and the farm are the later nine

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

holes of the Concord Country Club (established after the original nine holes) along the western boundary of the farm.

The farm has been owned by only three families (the Tallants, Sanborns, Terrells) and has for much of its history remained the same general size with some increases or decreases as the owners acquired or sold other parcels in the vicinity. The farm was included in the 2008 reconnaissance survey of rural agricultural properties in Concord by the Heritage Commission (CON0188).

Based on the 2008 survey, cursory deed historic map, and Ancestry.com research, the original builder and occupant appears to be Marston M. Tallant, a farmer, who acquired the undeveloped land from a relation (Samuel Tallant), possibly his father, in 1849 and 1851 (Deeds 96/311, 108/142). After his early death his widow sold the property with buildings to Daniel Sanborn, a neighbor of Samuel Tallant in Canterbury, in 1868 (Deeds 170/465, 194/470; Bureau of the Census 1860). Sanborn in turn sold it to his son Daniel B. in 1876 (Deed 275/477; Bureau of the Census 1860). The Terrell family purchased the farm in 1914 from Sanborn's widow, maintaining a dairy farm at least earlier in the twentieth century (Deed 393/380). Two generations of the Terrell family have owned and operated the farm, with the current owner the widow of the second-generation family member.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The property appears to possess significance under Criterion A for Agriculture. The property retains many facets of its agricultural landscape including open fields, stone walls, fences, and agricultural outbuildings. The property also appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of a type, period, or method of construction. It retains a high degree of integrity as a connected farmstead, a popular farm type that emerged in the mid to late nineteenth century in New England and especially in New Hampshire. It also retains many of its historic finishes and decorative details.

See the Agricultural Context in the Historical Background section of the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N   
**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The property appears to retain all aspects of integrity necessary to convey its historic significance. The connected farmstead retains a high degree of integrity of footprint and finishes, conveying its

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

expansion during the historic period as a successful farm. The setting with open fields, fences, and stone walls conveys the property's feeling and association as a mid-nineteenth and early twentieth-century farmstead. Any alterations or additions are minor, do not detract from the property's integrity, and/or are within the historic period.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

The farm consists of two parcels, one with the buildings (37.1 acres) and the other with fields and some woods on the east side of the road (58.29 acres). Both parcels directly contribute to the property's significance as they not only have been historically associated with the farm since its establishment c.1851 but they also constitute one of the few remaining intact farmsteads in the immediate vicinity, sited on a rise.

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

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*Additional comments relating to effects:*

Viewshed mapping and field review show the Project will be substantially visible in historically significant views from the historic resources. The house, connected outbuildings, and historic barnyard are oriented to the east in the direction of the Project, which is less than one-tenth of a mile away in that direction. The close views east are across an open field, an integral part of the historic setting and the farm. These are historically significant views associated with the property's significance as a nineteenth-century farm. A portion of these views already include the existing transmission lines, which have been a part of the landscape for roughly eighty-five years, as they run parallel to the eastern side of the open field on the east side of the road, directly opposite the buildings. There is no screening between the field and ROW and thus the existing transmission lines are visible in the views from the historic resources. There are woods to the east of the existing transmission lines, but the taller new structures will rise above the height of the trees, resulting in an additional effect on the farm's historic setting.

In these historically significant views to the east the Project will create a focal point that will distract from the appreciation of the historic resources and the cultural landscape.

Viewshed mapping and field review show the Project will also be visible in the main public views of the historic resources. When approaching the property from the south along Shaker Road, a main public view of the historic resources will include the Project and the existing lines because of their prominent siting on a rise. Because of the curve of the road and the elevated site of the resources where the Project crosses the road it will be visible briefly behind the historic resources.

The Project will not isolate the historic resource from its historic setting. Though the Project crosses the northerly portion of one of the farm parcels, that area has been allowed to become wooded and is removed from the portion of the property that remains legible as a farm. Much of the remainder of the farm remains as open fields or in historic wood lots.

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

**IV. SUPPORTING MATERIALS**



Key to Photos 1-3 (Google Earth)

*Historic Resource Assessment*

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

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Photo 1) Maple View Farm, 183 Shaker Road, farmhouse and connected outbuildings, facing westerly [2014 Field Photo: IMG\_4407]



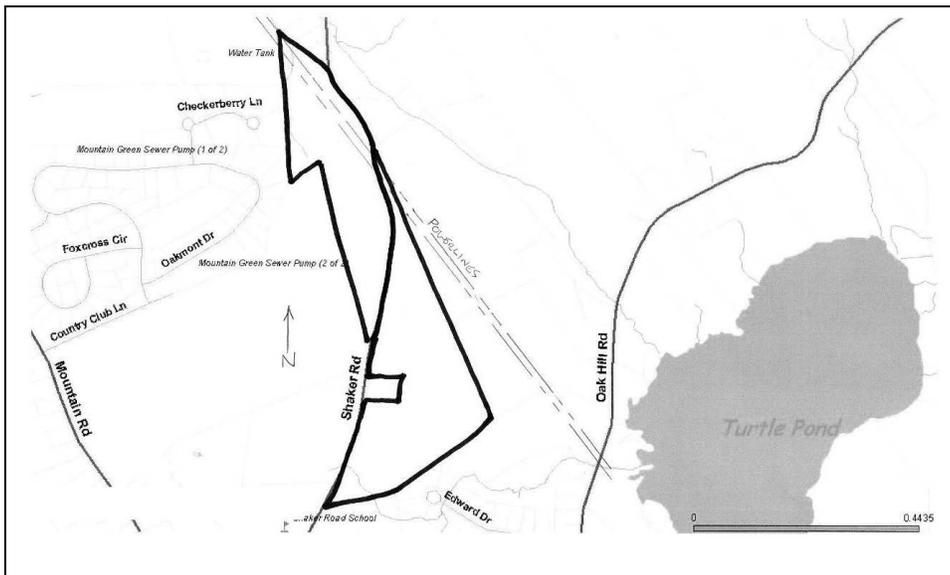
Photo 2) Maple View Farm, 183 Shaker Road, facing westerly [2013 Field Photo: IMG\_2124]

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH



Photo 3) View of the southerly side of outbuildings and farmhouse across southerly open field, facing north from bottom of hill [2013 Field Photo: IMG\_2139]

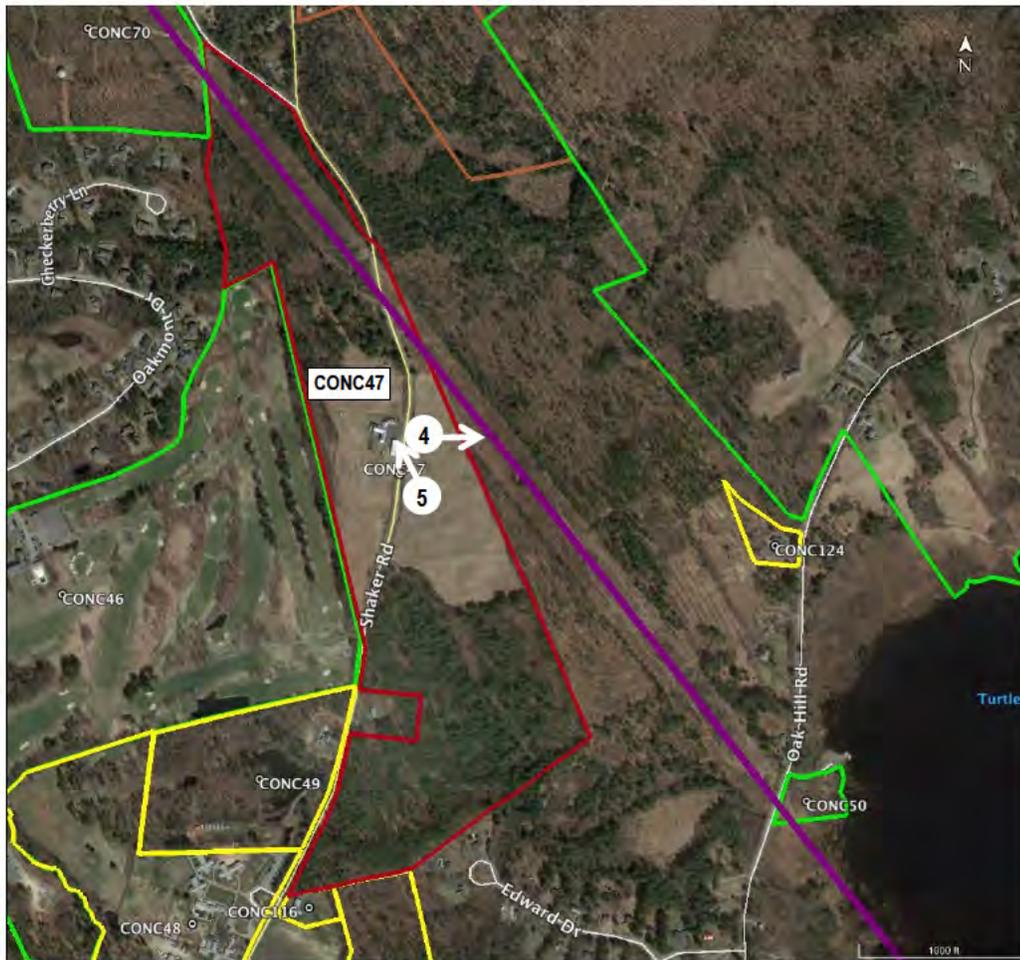


From rural agricultural survey, Concord, showing the two Maple View parcels and relationship to the Project

*Historic Resource Assessment*

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH



**Map Key**

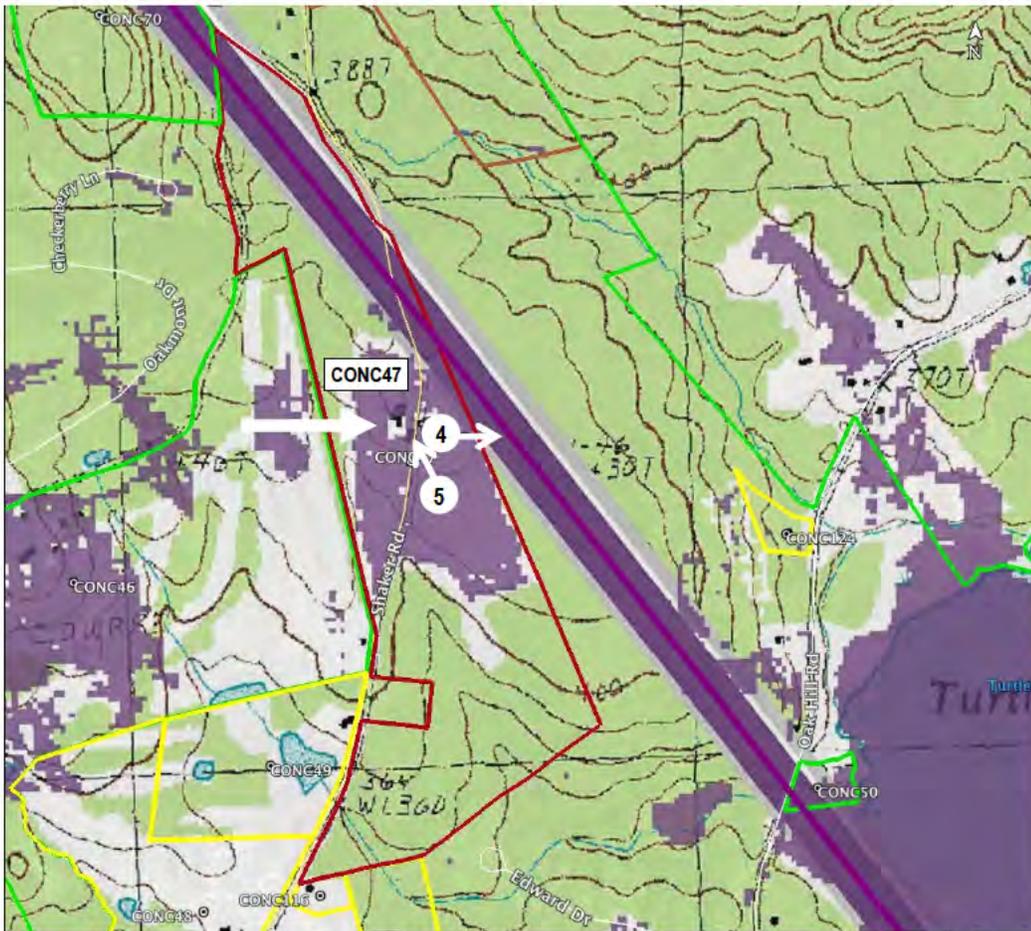
Parcel boundaries of pre-1968 properties:

	Properties with no views of the Project		Project
	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Historic Resource Assessment

Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH



Viewshed map showing CONC47 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 4) Main view from the farm buildings across the open field on east side of road, with existing transmission lines on far side of field, facing easterly [2013 Field Photo: IMG\_2128]

*Historic Resource Assessment*

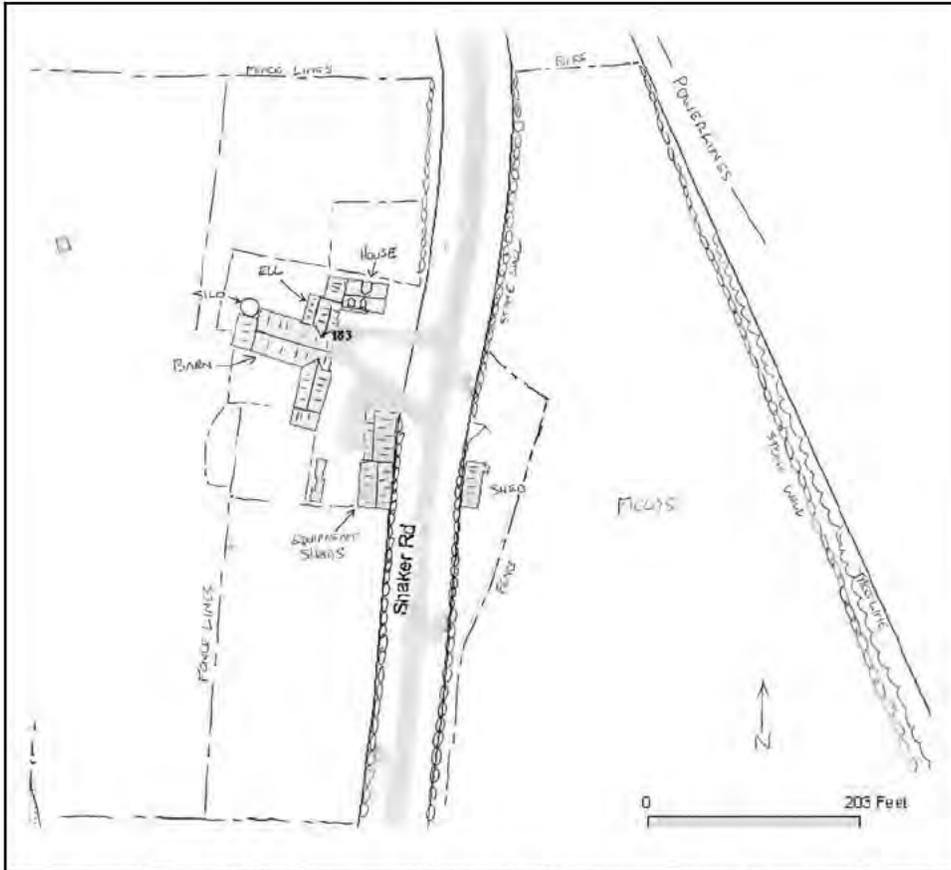
Property ID: CONC47

Property Name/Address: Maple View Farm/183 Shaker Road, Concord, NH

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Photo 5) View of Maple View Farm and relationship to the Project to north as it crosses road, facing westerly and northerly [2013 Field Photo: Pano1]



From rural agricultural survey, Concord, illustrating view from historic resources towards the Project

# Northern Pass Project Historic Resource Assessment

## Individual Property Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

**Property ID: CONC50**

Property Name/Address:

86 Oak Hill Road, Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

This is a c.1940 ranch house on a 2.34-acre rectangular parcel that abuts the westerly shore of Turtle Pond.

The existing transmission line runs diagonally across the southwest corner of the property in close proximity to the one-car garage. The ROW likely dates to no later than 1929.

The house is sited close to the road and the garage is sited at an angle, paralleling the ROW to the southwest of the house. The northern boundary of the property abuts a roadway leading to a publicly accessible wood deck for wildlife and scenic viewing on Turtle Pond. The area around the house is heavily screened with mature deciduous trees and shrubs. Mature shrubs and young deciduous trees also run along the easement between the ROW and the buildings.

Viewshed mapping indicates views of the Project from the public right-of-way and views from the historic resource of the Project.

The property includes a small ranch house with replacement siding and windows and some altered fenestration patterns and a gable-front garage. The house appears to have an enclosed porch spanning the rear elevation with a view towards Turtle Pond. The small open back yard is flanked by deciduous trees to the south and north. Construction of the house occurred after construction of the transmission line. Consequently the historic landscape of the house has always included the transmission line.

### II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

#### a. Significance:

*Does the property have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

Property ID: CONC50

Property Name/Address: 86 Oak Hill Road, Concord, NH

The property does not appear to possess significance under any National Register Areas of Significance that have a visual component.

**b. Integrity:**

*Is the property able to convey its significance through its physical appearance? Does the property appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

Though the property retains integrity of setting, feeling, and association, it no longer retains its historic finishes to convey its historic significance.

**The property does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The property appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible property?*

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the property? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the property?*

*Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resource.**

**The Project will create a focal point that distracts from the appreciation of the historic resource.**

**The Project will be substantially visible in historically significant views from the historic resource.**

**The Project will isolate the historic resource from its historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the property.**

*Historic Resource Assessment*

Property ID: CONC50

Property Name/Address: 86 Oak Hill Road, Concord, NH

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the property.**

*Additional comments relating to effects:*

**IV. SUPPORTING MATERIALS**



Key to Photos 1-2 (Google Earth)

*Historic Resource Assessment*

Property ID: CONC50

Property Name/Address: 86 Oak Hill Road, Concord, NH

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Photo 1) House and garage, facing northeasterly with the Project to the right just outside of the view [2014 Field Photo: IMG\_4367]

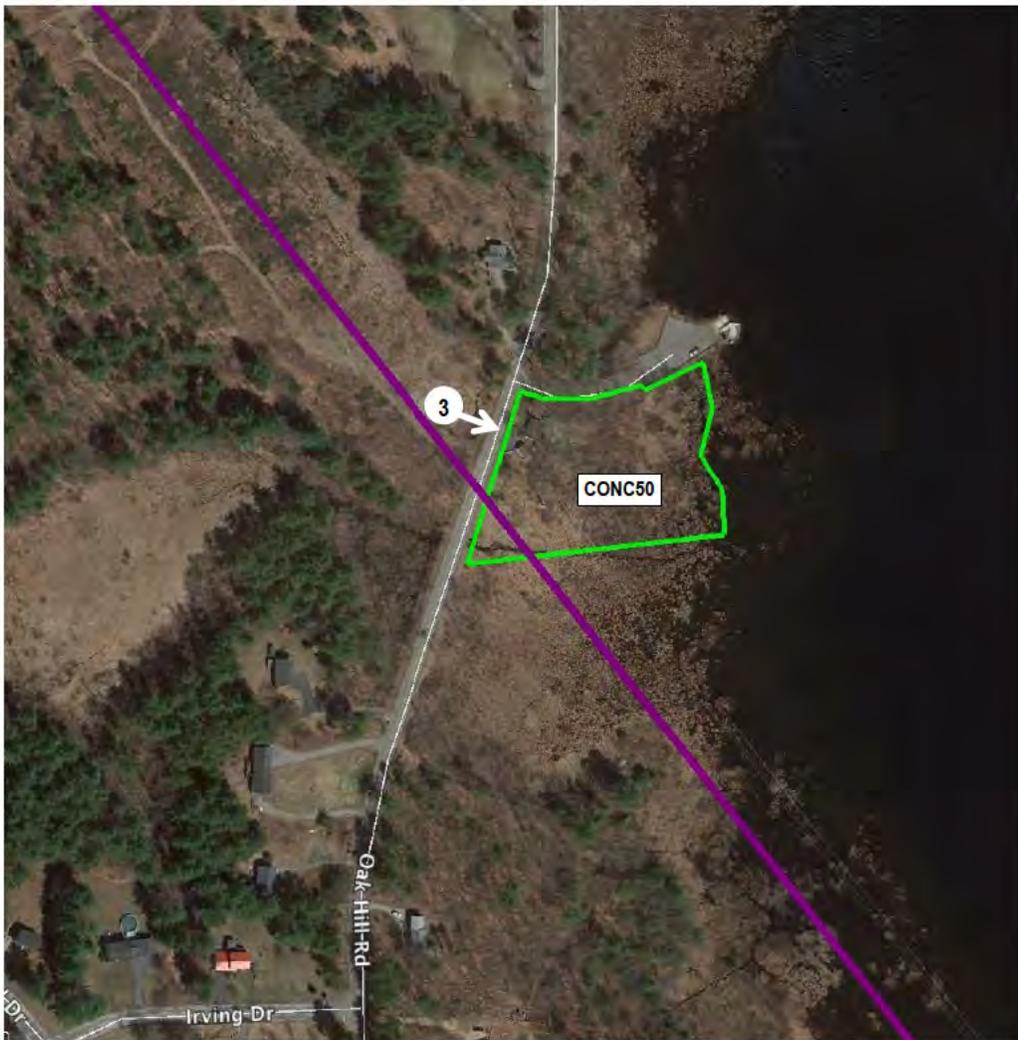


Photo 2) House and garage with existing transmission lines visible in main public view of buildings, facing southerly from the road [2014 Field Photo: IMG\_4360]

*Historic Resource Assessment*

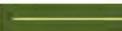
Property ID: CONC50

Property Name/Address: 86 Oak Hill Road, Concord, NH



**Map Key**

Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

Property ID: CONC50

Property Name/Address: 86 Oak Hill Road, Concord, NH



Viewshed map showing CONC50 (white arrow), Limit of APE for Historic Resources  and Project 



Photo 3) 86 Oak Hill Road, showing close relationship of the property and the existing transmission line, view easterly and southeasterly from the road [Pano\_2089-2097]

# Northern Pass Project Historic Resource Assessment

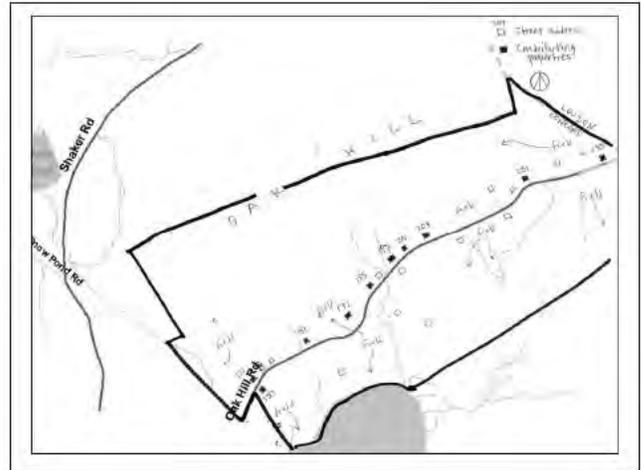
## Large Area/District Analysis

This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.

Property ID: CONC51

Property Name/Addresses:

Oak Hill Agricultural Neighborhood/  
130 to 283 Oak Hill Road, Concord, NH



### I. PROPERTY DESCRIPTION AND SETTING

This area is one of Concord's larger remaining agricultural districts, arrayed along both sides of the elevated scenic Oak Hill Road. The district includes late eighteenth- and nineteenth-century farmsteads (Nos. 130, 131, 151, 171, 197, 201, 207, 251, 283), all but one on the uphill or northerly side of the road with historically significant views to the southeast, and some expanses of open fields, mostly on the downhill side of the road in the views from the houses. Some of those views now include a later layer of twentieth-century houses, six of which are fifty years of age or older but scenic views were not part of the design intent or architectural character of most of these later houses. Other historic resources include an 1887 schoolhouse (185 Oak Hill Road) converted to residential use in the early twentieth century. The land on the southerly side of the road descends towards Turtle Pond and its feeder streams which abut the District to the south. Much of Turtle Pond is surrounded by forest land or farm land. The district begins less than two-tenths of a mile northeast of the existing transmission lines, which run northwesterly-southeasterly outside the direct views from and of the historic resources, and extends more than 1.75 miles to the northeast to the Loudon town line, outside the APE. The ROW is no later than 1929.

This district was surveyed at the time of a 2008 reconnaissance survey of agricultural properties in Concord by the Heritage Commission. Two criteria for a property to be included in the survey were acreage greater than ten acres, and outbuildings with a high level of integrity. The Oak Hill area has several properties with these features. The Historic District Area Form summarized the area as follows:

"The district includes nine former or current farms that were established at least by the mid-19<sup>th</sup> c., and most of which retain historic outbuildings and extensive acreage, comprised of large fields, pasture, woods, stone walls, cellar holes and views southerly toward the pond."

Since that time, one of the farmhouses (283 Oak Hill Road) has been altered and no longer retains integrity for its historic period, though the historic outbuildings located across the street remain.

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

The farmhouses are mostly in the Federal or Italianate style but also include one in the Greek Revival style. Some are connected farmsteads while others have detached New England barns. Also contributing to the district are nearly ten undeveloped parcels, including some large fields predominantly on the southerly side of the road that historically are associated with the farms on the north side of the road and maintain their historic land use patterns. Other historic resources though non-contributing in the reconnaissance survey because of their absence of agricultural significance, include at least five mid-twentieth-century Capes located on small parcels, subdivided from historic farm land. Also present within the area are eight twentieth-century houses less than fifty years of age, mostly on the northerly side of the road and set back from it, though two are on the southerly side of the road and constitute modern intrusions in the historic views towards the pond. The district includes mature trees (a mix of deciduous and evergreens) either on the properties, along the road, or between the historic resources and the Project.

Of the developed properties in the district, fifteen have historic resources (buildings fifty years of age or more) and of those, ten are located within the APE; the remainder are located outside of it to the northeast.

According to the 2008 reconnaissance survey, this area of East Concord was largely settled by members of the Potter family in the late eighteenth century and two of the properties continue to be owned by Potter family members. Over the years Potter family members either established farms along Oak Hill Road or occupied the nineteenth-century farmhouses at some point. The Tenney family established two of the farms (201 and 207 Oak Hill Road) in the mid-nineteenth century on land they had acquired from the Potters. Dairying and to a lesser extent poultry operations were the primary farming activities in the late nineteenth and early twentieth centuries.

## II. NATIONAL REGISTER ELIGIBILITY ANALYSIS

### a. Significance:

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The district appears to possess significance under Criterion A for Agriculture as representing farming in Concord. The collection of buildings, open land, and stone walls form a cultural landscape representative of agriculture in nineteenth-century central New Hampshire. It also appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of types, periods, or methods of construction.

The 2008 survey included a Historic District Area Form and individual forms for six properties: CON0179 (130 Oak Hill Road), CON0180 (131 Oak Hill Road), CON0181 (197 Oak Hill Road), CON0182 (201 Oak Hill Road), CON0183 (251 Oak Hill Road), and CON0184 (283 Oak Hill Road). The first five of the individual properties are located within the APE. More information was needed by NHDHR for all the individual properties and the Area before a determination of eligibility could be made at the time of the 2008 reconnaissance survey of agricultural properties in Concord.

See the Agricultural Context in the Historical Background section of the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the area/district appear to retain the aspects of integrity necessary to convey its historic significance?*

*Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The majority of the components that comprise the district’s historic character possess sufficient integrity to convey their historic significance. The additions and alterations to the farmsteads do not seriously detract from their integrity as they are representative of evolving building forms over the course of their occupancy and use. Nor does the construction of newer housing in the district seriously detract from the integrity of the rural agricultural landscape as significant portions of the landscape remain open as fields or pastures, as do the historic boundary demarcations such as stone walls.

One of the larger properties (171 Oak Hill Road) lacks contributing historic resources but retains much of its historic property on both sides of the road and at the time of the 2008 survey included a pasture on the southerly side of the road still in use for cow grazing. On-site survey suggests it is still used for that purpose.

Since the time of the 2008 survey, one of the historic properties (283 Oak Hill Road, CONC184) has undergone an extensive renovation and is likely no longer contributing, though it retains its historic barns on the south side of the road.

**The area/district does not appear to have potential for National Register eligibility based on visually related areas of significance.**

**GO NO FURTHER**

**The area/district appears to have potential for National Register eligibility based on visually related areas of significance.**

**c. Boundary Discussion**

*How much of the parcels of land associated with the historic structures appears to be part of the eligible area/district?*

The boundaries of the district would include the majority of the full parcels as they are associated with the significance of the historic resources and historic setting.

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

**III. ASSESSMENT OF POTENTIAL VISUAL EFFECTS**

*What is the visual relationship of the Project to the area/district? Will the Project noticeably alter or diminish aspects of the historic setting that might contribute to the significance of the area/district? Check as applicable:*

**The Project will be substantially visible in the main public views of the historic resources.**

**The Project will create a focal point that distracts from the appreciation of the historic resources.**

**The Project will be substantially visible in historically significant views from the historic resources.**

**The Project will isolate the historic resources from the historic setting.**

*If none are checked, then:*

**The Project does not appear to have an adverse effect on the area/district.**

*If one or more of the above are checked, then:*

**The Project appears to have an adverse effect on the area/district.**

*Additional comments relating to effects:*

The Project will not be substantially visible in historically significant views from the historic resources nor will it create a focal point that distracts from the historic resources. Viewshed mapping indicates views around a handful of developed parcels and open fields. All but one of the historic farms face southeasterly, with views towards the fields or former fields in the fore- and middle grounds and woods or Turtle Pond in the background. A few of the properties have mature vegetation along the street that provides screening and there is mature vegetation along some of the properties lines to the southwest and northeast. The Project is located to the southwest of the area and at a lower elevation. Even at its closest point at the southwesterly edge of the area (less than two-tenths of a mile), any view of it would be indirect and intermittent from secondary locations on a property, such as to the rear of the buildings or from side or rear yards. Any of these indirect or secondary views are largely screened by mature wooded areas, with only the possibility of a top of a structure visible from the secondary locations.

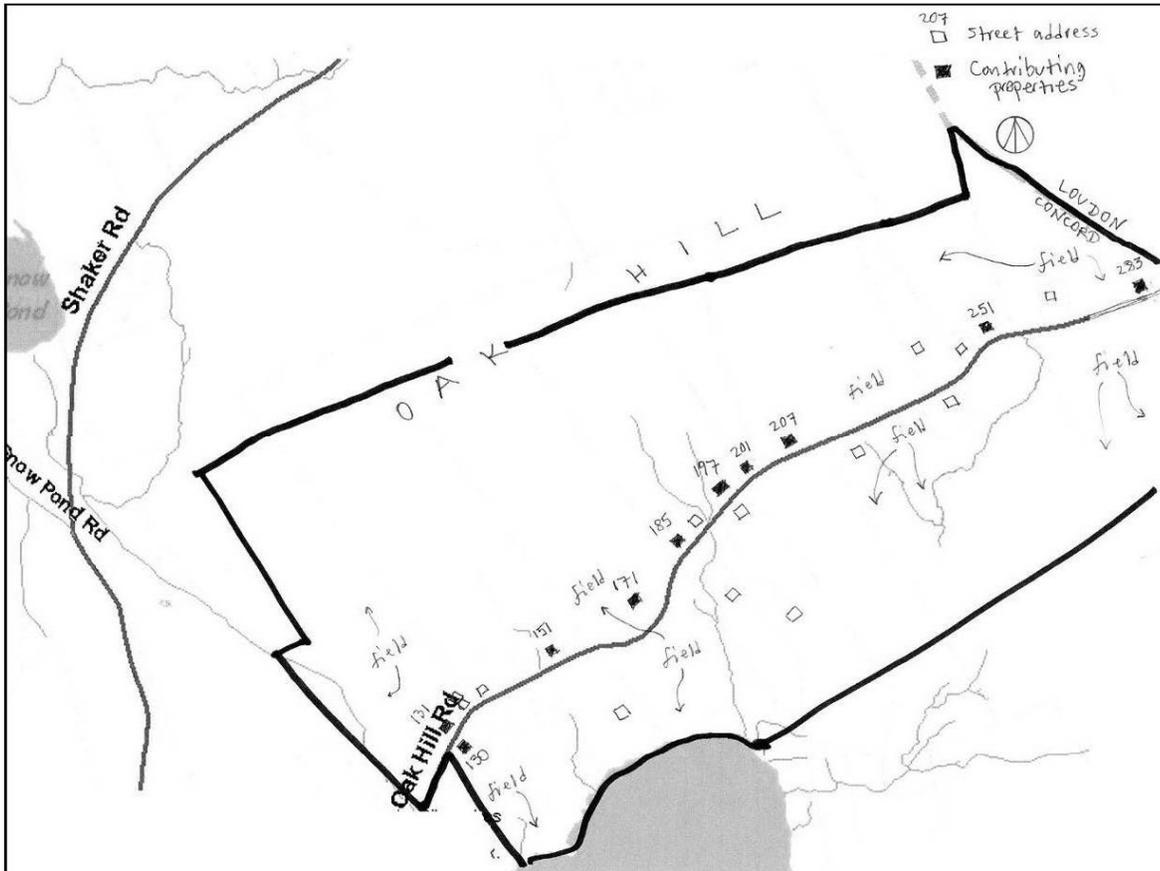
The Project will not be visible in the main public views of the historic resources. The district and the historic resources are all located to the northeast of the Project which runs northwesterly-southeasterly just southwest of the area. The historic resources are arrayed along the northerly and southerly sides of the road, extending up the hillside to the northwest or descending downwards on the southerly side. There are a few indirect distant views in the main public views but they do not distract from the appreciation of the historic resources. One scenic view from the public right-of-way across the fields and pond is present in the vicinity of 171 Oak Hill Road where the road curves.

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

In this distant, indirect view to the southwest the conductors of the existing transmission lines pass along the southwesterly edge of Turtle Pond but they are more than eight-tenths of a mile away and any view is distant. A second indirect and distant view from the southwesterly side of 130 Oak Hill Road includes an existing structure and lines more than five-tenths of a mile away. These distant and indirect views do not diminish the integrity of the individual resource or the district or create focal points that distract from the appreciation of the historic resource.

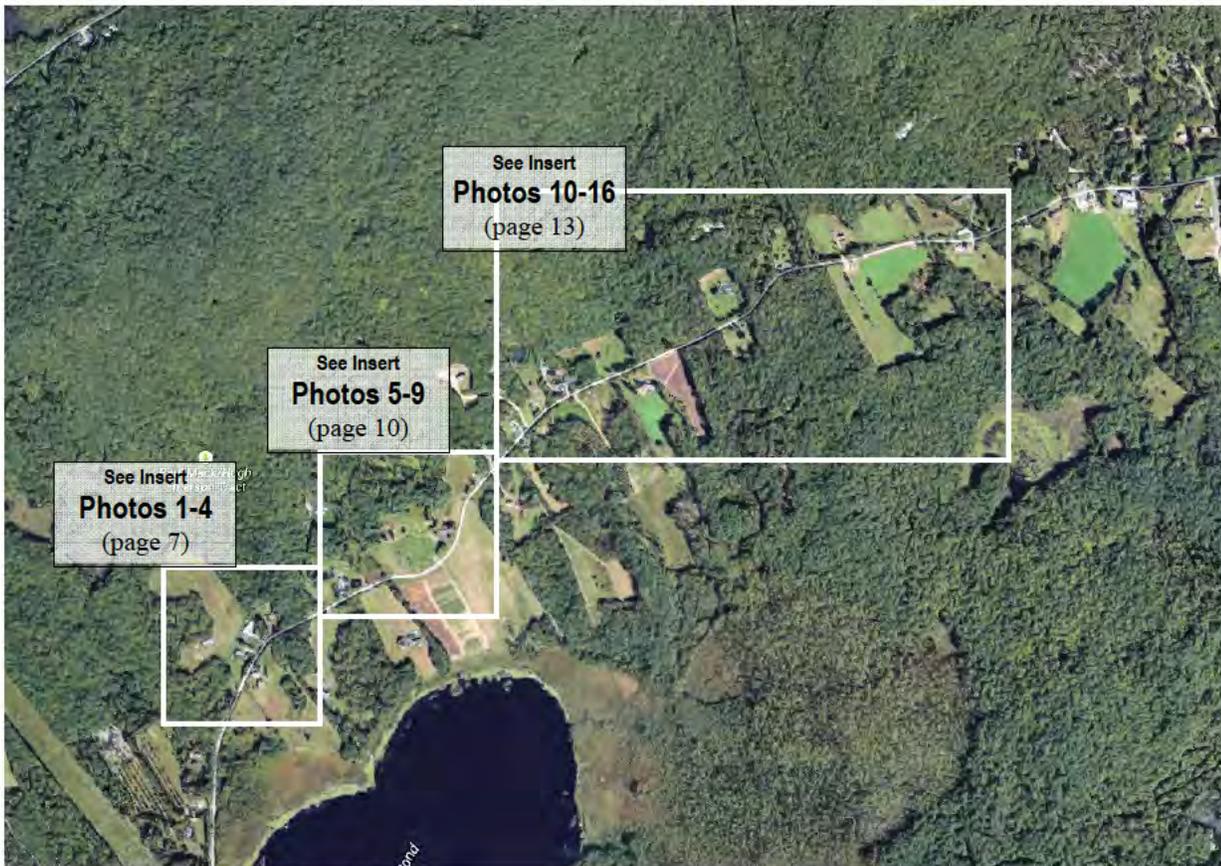
#### IV. SUPPORTING MATERIALS



Sketch Map, Oak Hill Road Agricultural District from 2008 Reconnaissance Survey (Hengen 2008)

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH



Key to Photos (Google Earth)

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Detail Key to Photos 1-4 (Google)



Photo 1) 130 Oak Hill Road, facing southerly in direction of Project [2013 Field Photo: IMG\_2111]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 2) 130 Oak Hill Road, house and gable-front bank barn, facing NE [2014 Field Photo: IMG\_4358]



Photo 3) 131 Oak Hill Road, built c.1900, facing northwesterly [2014 Field Photo: IMG\_4309]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 4) 131 Oak Hill Road, built c.1900, facing westerly [2013 Field Photo: IMG\_2098]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH



Detail key to photos 5-9 (Google)

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 5) 151 Oak Hill Road, facing northeasterly [2014 Field Photo: IMG\_4310]



Photos 6 and 7) Fields of 151 Oak Hill Road, easterly of house, facing northeasterly and northerly [2014 Field Photos: IMG\_4312, IMG\_4311]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 8) 171 Oak Hill Road: 1890 shed moved to this site and renovated into this house in 1952 by the Potter family, owners of the property since the late eighteenth century, facing northeasterly [2014 Field Photo: IMG\_4313]



Photo 9) 185 Oak Hill Road (Turtle Town District Schoolhouse), facing northerly [2013 Field Photo: IMG\_2101]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH



Detail key to photos 10-16 (Google)



Photo 10) 194 Oak Hill Road on southerly side of road, with wooded areas beyond, facing southeasterly [2014 Field Photo: Pano\_4342-4343]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 11) 197 Oak Hill Road, facing northwesterly [2014 Field Photo: IMG\_4317]



Photo 12) 201 Oak Hill Road, facing northwesterly [2014 Field Photo: IMG\_4319]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 13) 207 Oak Hill Road, Thompson Tenney Farmhouse, facing northerly [2014 Field Photo: IMG\_4323]



Photo 14) 207 Oak Hill Road, Thompson Tenney Farmhouse and outbuildings, facing northerly [2014 Field Photos: Pano\_4320-4322]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 15) Recently restored barn, 283 Oak Hill Road (across street), facing westerly [2014 Field Photo: IMG\_4326]



Photo 16) Former Dairy barn, 283 Oak Hill Road (across street), facing southerly [2014 Field Photo: IMG\_4327]

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH



**Map Key**

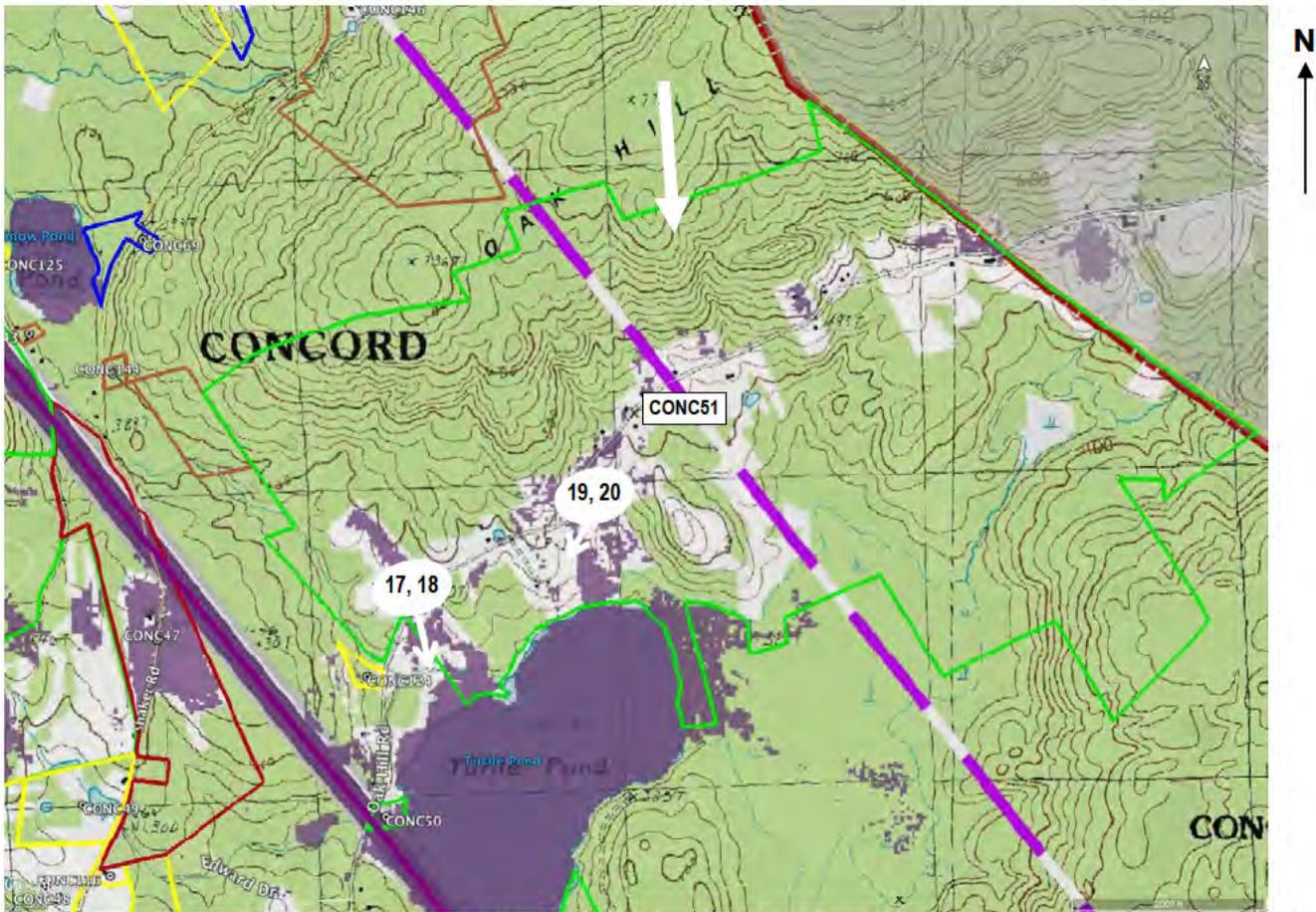
Parcel boundaries of pre-1968 properties:

<b>Yellow</b>	Properties with no views of the Project		Project
<b>Blue</b>	Properties with views that are so isolated, limited, or minimal that no effect is possible (see database)		Limit of APE for Historic Resources
<b>Green</b>	Properties assessed with more than minimal views of the Project		Town Boundaries (thin yellow line)
<b>Red</b>	Properties assessed and considered to be potentially National Register-eligible and potentially adversely affected by the Project		Photo Numbers
<b>Aqua</b>	Properties listed on the National Register, the NH State Register, or National Historic Landmarks (see database for other previously identified historic properties)		
<b>Brown</b>	Properties dated 1966-1968 that currently do not meet the National Register fifty-year age-eligibility criterion (see database)		

*Historic Resource Assessment*

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH



Viewshed map showing CONC51 (white arrow), Limit of APE for Historic Resources - - - - - and Project —————

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 17) 130 Oak Hill Road, view southerly from public right of way by the southwesterly side of the house with indirect view of existing transmission lines and structures which are more than five-tenths of a mile away [2013 Field Photo: IMG\_2112]



Photo 18) View towards Project from road to southeast of 130 Oak Hill Road with structures visible in distance [2014 Field Photo: IMG\_4359]

Property ID: CONC51

Property Name/Address: Oak Hill Agricultural Neighborhood/130 to 283 Oak Hill Road, Concord, NH

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Photo 19) Scenic view from road westerly-southwesterly towards fields of 171 Oak Hill Road and Turtle Pond in the direction of the Project more than eight-tenths of a mile away where it parallels the southwest side of the pond. The view includes a long and small view of the existing transmission lines [2013 Field Photo: IMG\_2110]

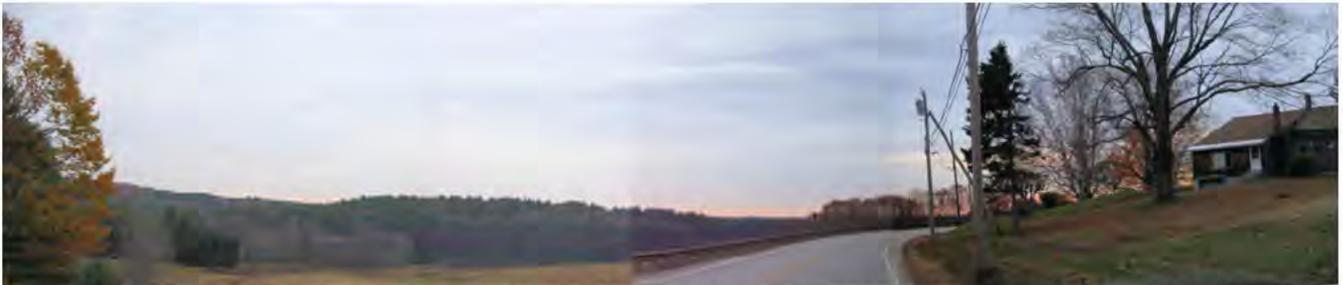


Photo 20) Scenic view from road westerly-southwesterly across fields of 171 Oak Hill Road in direction of Project [2014 Field Photos: Pano\_4344-4346]

# Northern Pass Project Historic Resource Assessment

## Large Area/District Analysis

*This analysis is part of a survey of historic (pre-1965) properties located in the Visual APE for the Northern Pass Project in New Hampshire, as shown on Project viewshed maps. It was prepared as part of a study for the Project's SEC application. See Methodology Statement for more information.*

Property ID: CONC55

Property Name/Addresses:



Potter Family Farm/  
89 and 91 Appleton Street, Concord, NH

### I. PROPERTY DESCRIPTION AND SETTING

The Potter Dairy Farm was a major dairy farm in the late nineteenth and first half of the twentieth century. This pair of Potter family properties includes the nineteenth-century connected farmstead on a 2.36-acre parcel and a twentieth-century house on a nearly eighteen-acre portion of the historic Potter farm property that extends north to Turtle Pond and is still owned by a family member. The houses are located on the north side of the road and face southerly towards open fields on the southerly side of Appleton Street. Most of the fields were historically owned by the Potter family; one of the fields is still owned by 91 Appleton. The existing transmission lines run southeast-northwest less than one-tenth of mile to the west of the connected farmstead at a lower elevation. Both houses only have indirect views of the ROW. The existing ROW dates to no later than 1929, so it postdates construction of one of the houses.

Appleton Street is a short street just south of Turtle Pond that retains little evidence of its agricultural association and is now mostly lined with mid- and late twentieth-century ranch houses on small lots. Some screening is present along the westerly side of the field adjacent to the transmission line on the south side of the street. The ROW crosses the road just west of the area and is visible in indirect views of the historic resources from the public right-of-way

89 Appleton Street, a large connected farmstead built in 1893 (likely replacing an earlier house), is located on a parcel that was reduced to its present size in 2010. It consists of a two-and-a-half story end house in the Queen Anne style with some recent modifications including a replacement front entry, arched window in the gable end, and skylights on both roof slopes. The connected buildings include a one-and-a-half story little house (or wing) with additions, a one-story back house, and a substantial gable-front bank barn that likely pre-dates the house. The farm was included in the 2008 reconnaissance survey of rural agricultural properties in Concord by the Heritage Commission (CON0158). As recently as 1995 the property contained over twenty-nine acres which had been reduced to twenty-three acres at the time of the survey. 91 Appleton Street, built c.1958, is an altered Cape on a 17.78-acre parcel. A gable-front pole barn is located northeast of the house. A two-bay, gable-front garage stands between the two houses.

According to the 2008 Rural Agricultural Properties Survey in Concord, for much of the twentieth century 89 Appleton Street was owned by the Potter family who had a significant dairy operation until the mid-1950s. The survey noted the Potters are likely related to the Potters who owned multiple properties on Oak Hill Road on the northerly side of Turtle Pond. Merrimack County deeds

Property ID: CONC55

Property Name/Address: Potter Family Farm/89 and 91 Appleton Street, Concord, NH

research show much of the agricultural land between the house and the transmission lines was sold recently and developed with a ranch house, built c.2011. At the time of the rural agricultural properties survey the connected farmstead occupied a twenty-three-acre parcel.

91Appleton Street was built for a Potter daughter and her husband, around the time of their marriage in the late 1950s. They continue to own the large 17.78-acre property, in addition to a parcel on the south side of the street adjacent to the PSNH right-of-way. Only in 1962 was the house lot formally subdivided from the Potter farm property.

**II. NATIONAL REGISTER ELIGIBILITY ANALYSIS**

**a. Significance:**

*Does the area/district have potential significance under National Register of Historic Places Areas of Significance that have a visual component such as Agriculture, Architecture, Community Planning and Development, Conservation, Landscape Architecture, Recreation?*

Y  N

The area appears to possess significance under Criterion C for Architecture as embodying the distinctive characteristics of a type, period, or method of construction. Though the farmhouse has recently undergone some alterations it retains sufficient integrity for its historic period and it represents a common farmhouse type, the connected farmstead, constructed in many rural areas of New Hampshire. The barn may also be eligible individually under Criterion C as an example of a large nineteenth-century, gable-front banked barn that was later expanded and used as a dairy barn. The area no longer appears to possess integrity and significance under Criterion A for Agriculture.

See "Agriculture" context in the 2015 *Northern Pass – Merrimack Valley Project Area Form* by SEARCH.

**b. Integrity:**

*Is the area/district able to convey its significance through its physical appearance? Does the area/district appear to retain the aspects of integrity necessary to convey its historic significance? Including:*

**Design:** Y  N  **Setting:** Y  N  **Materials:** Y  N  **Workmanship:** Y  N

**Feeling:** Y  N  **Location:** Y  N  **Association:** Y  N

The loss of their former agricultural land either by subdivision or by reforesting on parts of the historic Potter family lands diminishes the integrity of setting. 89 Appleton Street however retains sufficient integrity as a late nineteenth-century connected farmstead in the Queen Anne style. Additions and alterations, all characteristic of nineteenth-century farmsteads, do not seriously detract from the building's integrity. It retains its massing, some of its decorative detailing, and historic window sash. Enclosure of the front porch on 91 Appleton Street diminishes its integrity for architecture but retains integrity for feeling and association as a mid-twentieth-century house constructed on a lot subdivided from the farm property is characteristic of New Hampshire farms, illustrating the evolution of the family farmstead over time and does not detract from the integrity of the area. The house continues to be owned by a Potter family member.