

Appendix 1: 10-mile APE Historic Sites and Cultural Landscapes Maps

- HL1 National Register Listed/DOE & GNIS
- HL2 Historic Graveyards
- HL3 Land Conservation
- HL4 Recreation Lands
- HL5 Scenic Roads
- HL6 Trails
- HL7 Public Waters, Designated Rivers, Access Points
- HL8 Community Historic Sites
- HL9 Areas with Potential Views to Project (DTM Viewshed)

Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL1 National Register Listed/DOE & GNIS
Date: 15 Nov 2016

Map Data and Description

- ▲ National Register Listed/Eligible
- GNIS Identified Historic Site

10-mile APE Count

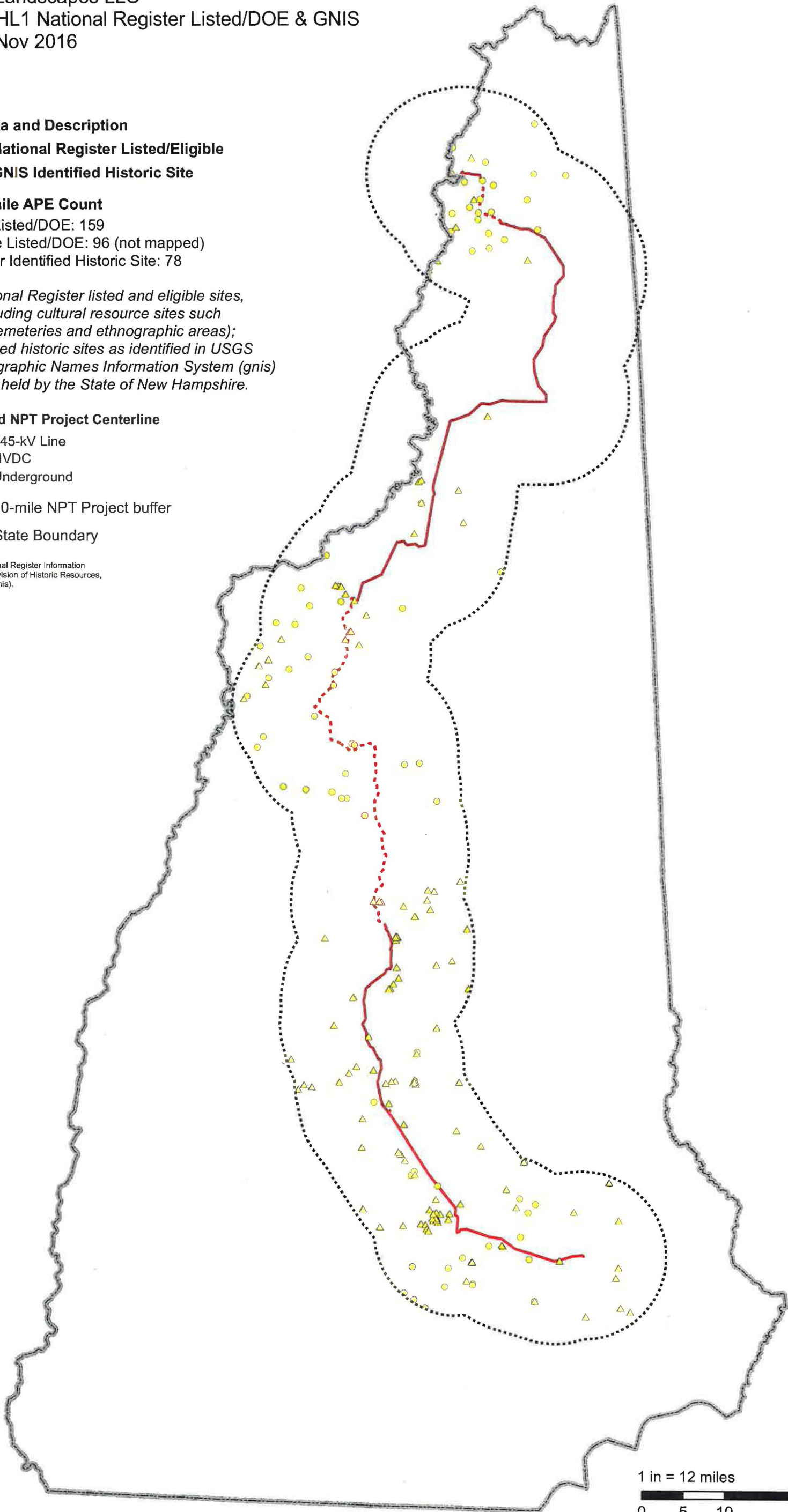
NR Listed/DOE: 159
State Listed/DOE: 96 (not mapped)
Other Identified Historic Site: 78

National Register listed and eligible sites, (including cultural resource sites such as cemeteries and ethnographic areas); Named historic sites as identified in USGS Geographic Names Information System (gnis) data held by the State of New Hampshire.

Proposed NPT Project Centerline

- 345-kV Line
- HVDC
- - - - - Underground
- 10-mile NPT Project buffer
- State Boundary

Sources: National Register Information System, NH Division of Historic Resources, NH GRANIT (gnis).



1 in = 12 miles
0 5 10 20 Miles



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL2 Historic Graveyards
Date: 15 Nov 2016

Map Data and Description

Historic Graveyards

10-mile APE Count

Historic Graveyards: 555

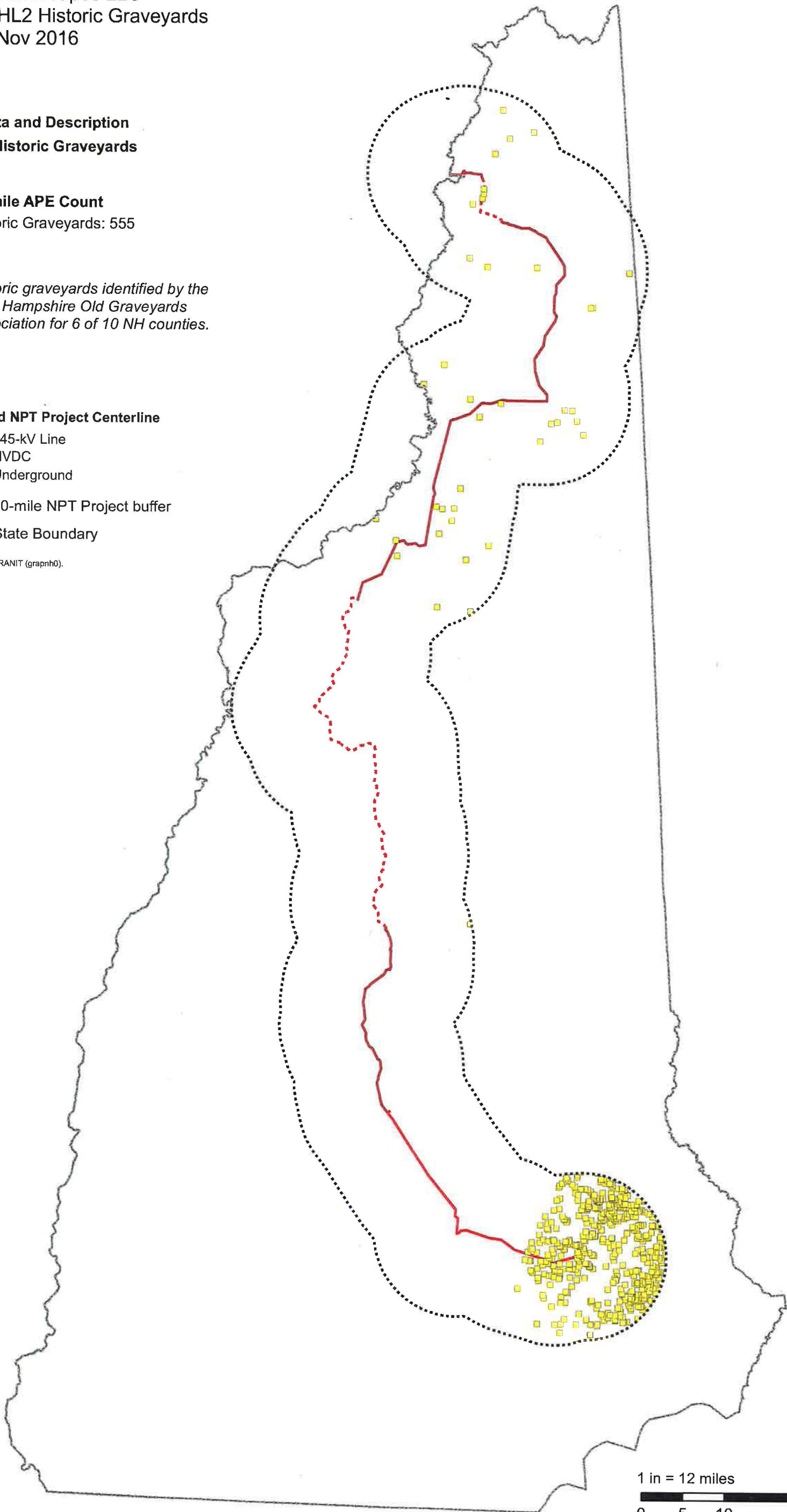
Historic graveyards identified by the
New Hampshire Old Graveyards
Association for 6 of 10 NH counties.

Proposed NPT Project Centerline

345-kV Line
HVDC
Underground

10-mile NPT Project buffer
State Boundary

Sources: NH GRANIT (graph0).



1 in = 12 miles
0 5 10 20 Miles



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL3 Land Conservation
Date: 15 Nov 2016

Map Data and Description

 Conserved Public Land

10-mile APE Count

Conserved Public Lands:
2192 parcels
702,682 acres

Parcels 2 acres or larger, mostly undeveloped land. These parcels may be protected by easement against future development or owned by a public group, agency or institution intending to keep the land mostly natural for recreation, conservation, or educational purposes.

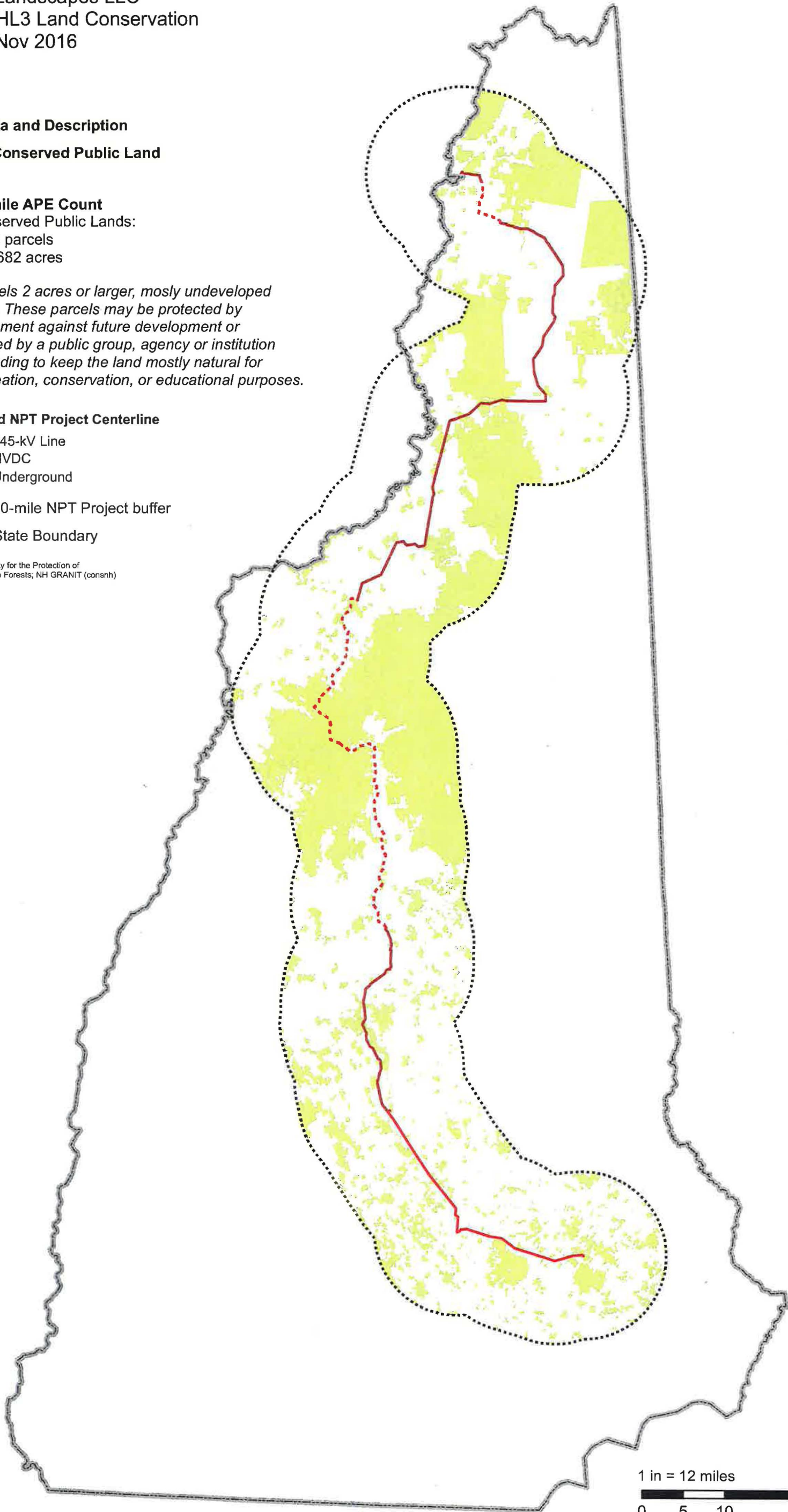
Proposed NPT Project Centerline

 345-kV Line
 HVDC
 Underground

 10-mile NPT Project buffer

 State Boundary

Sources: Society for the Protection of
New Hampshire Forests; NH GRANIT (consnh)



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Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL4 Recreation Lands
Date: 15 Nov 2016

Map Data and Description

- Recreation Site
- Recreation Area
- Named Overlook

10-mile APE Count

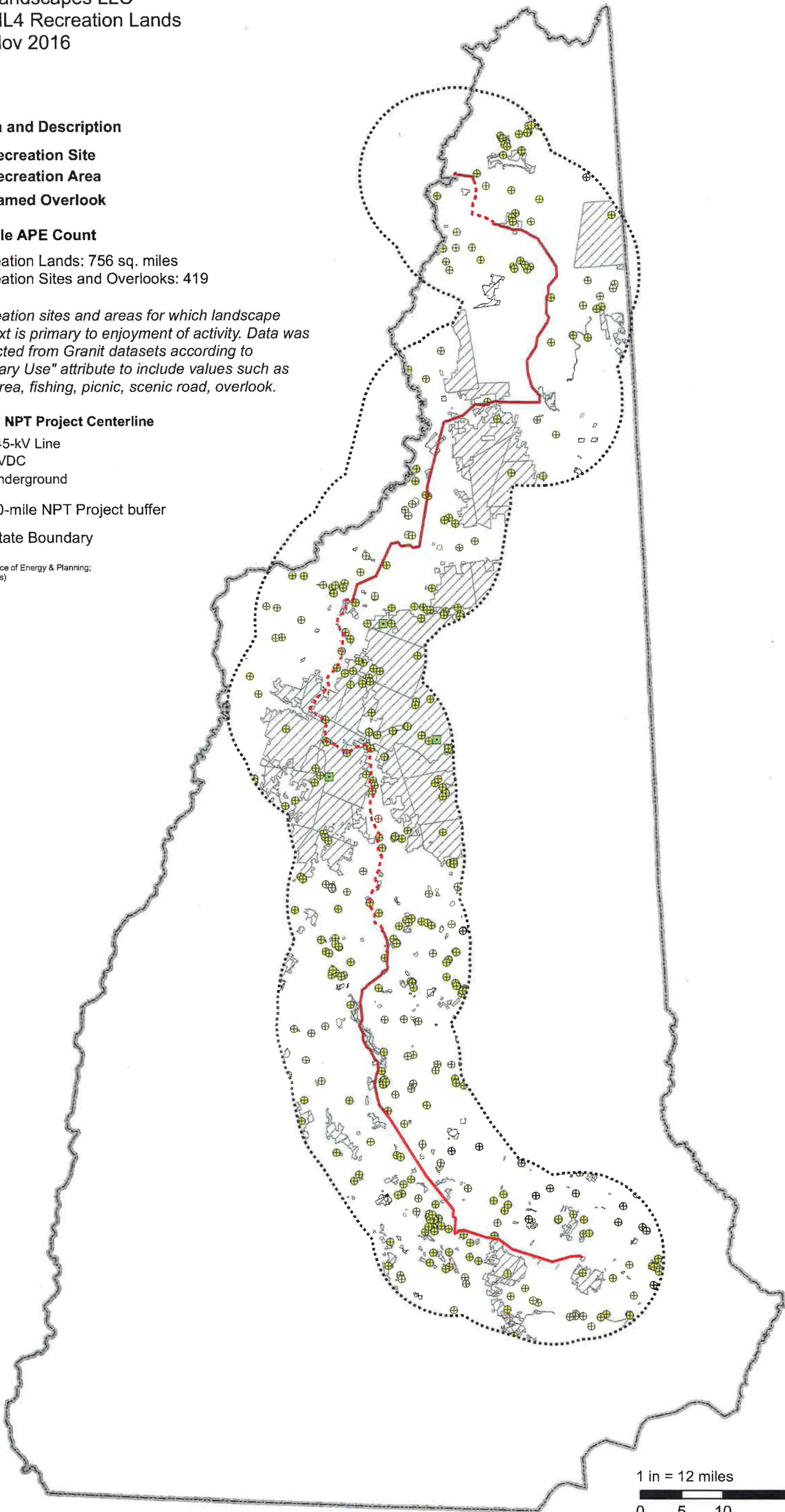
Recreation Lands: 756 sq. miles
Recreation Sites and Overlooks: 419

Recreation sites and areas for which landscape context is primary to enjoyment of activity. Data was extracted from Granit datasets according to "Primary Use" attribute to include values such as trail area, fishing, picnic, scenic road, overlook.

Proposed NPT Project Centerline

- 345-kV Line
- HVDC
- Underground
- 10-mile NPT Project buffer
- State Boundary

Sources: NH Office of Energy & Planning;
NH GRANIT (gnis)



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL5 Scenic Roads
Date: 15 Nov 2016

Map Data and Description

Scenic Road

10-mile APE Count

Scenic Roads:
573 miles
103 roads

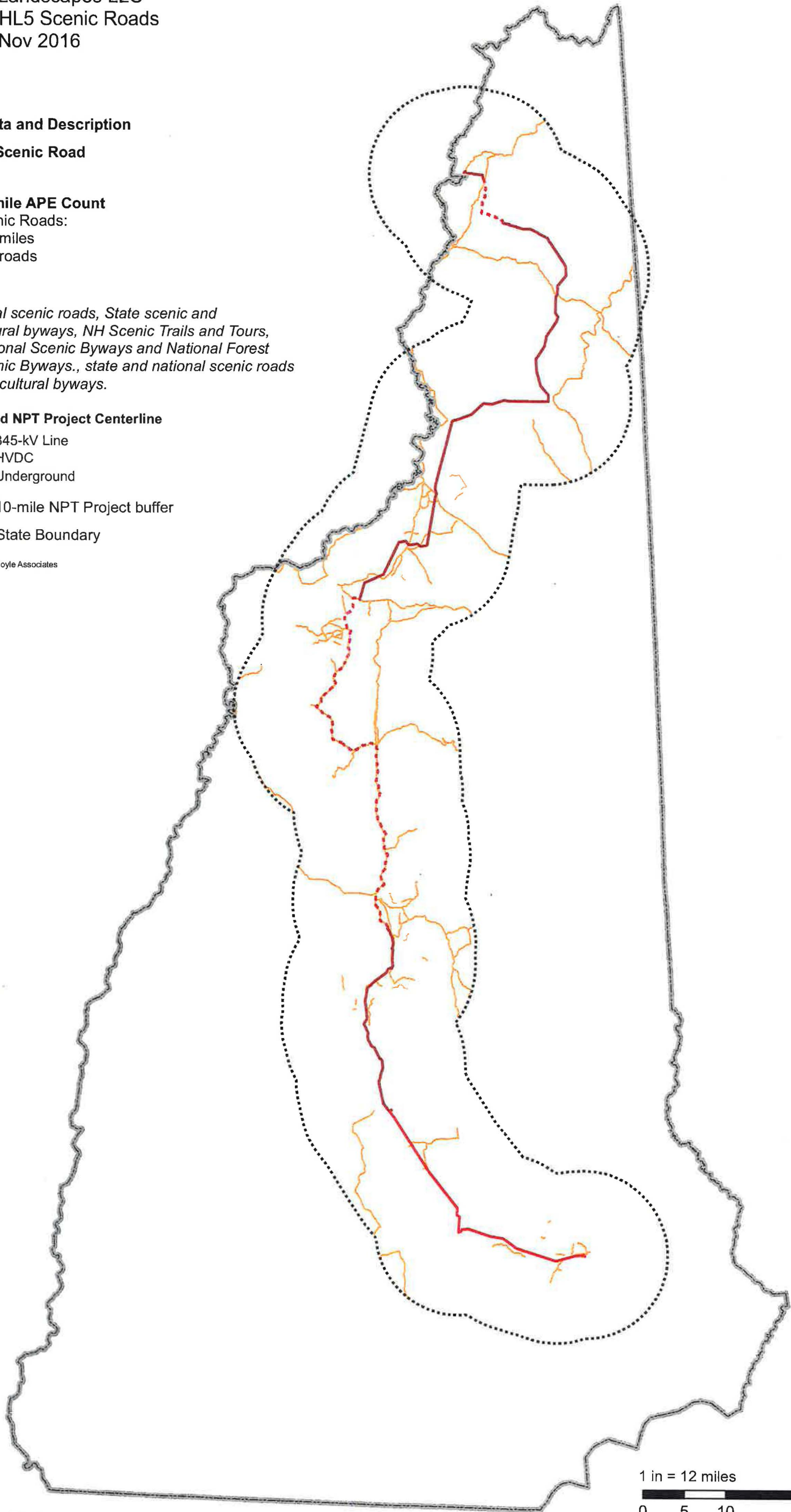
Local scenic roads, State scenic and cultural byways, NH Scenic Trails and Tours, National Scenic Byways and National Forest Scenic Byways., state and national scenic roads and cultural byways.

Proposed NPT Project Centerline

345-kV Line
HVDC
Underground

10-mile NPT Project buffer
State Boundary

Sources: T.J. Boyle Associates



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL6 Trails
Date: 15 Nov 2016

Map Data and Description

- Trail
- Trail Point (may be head)

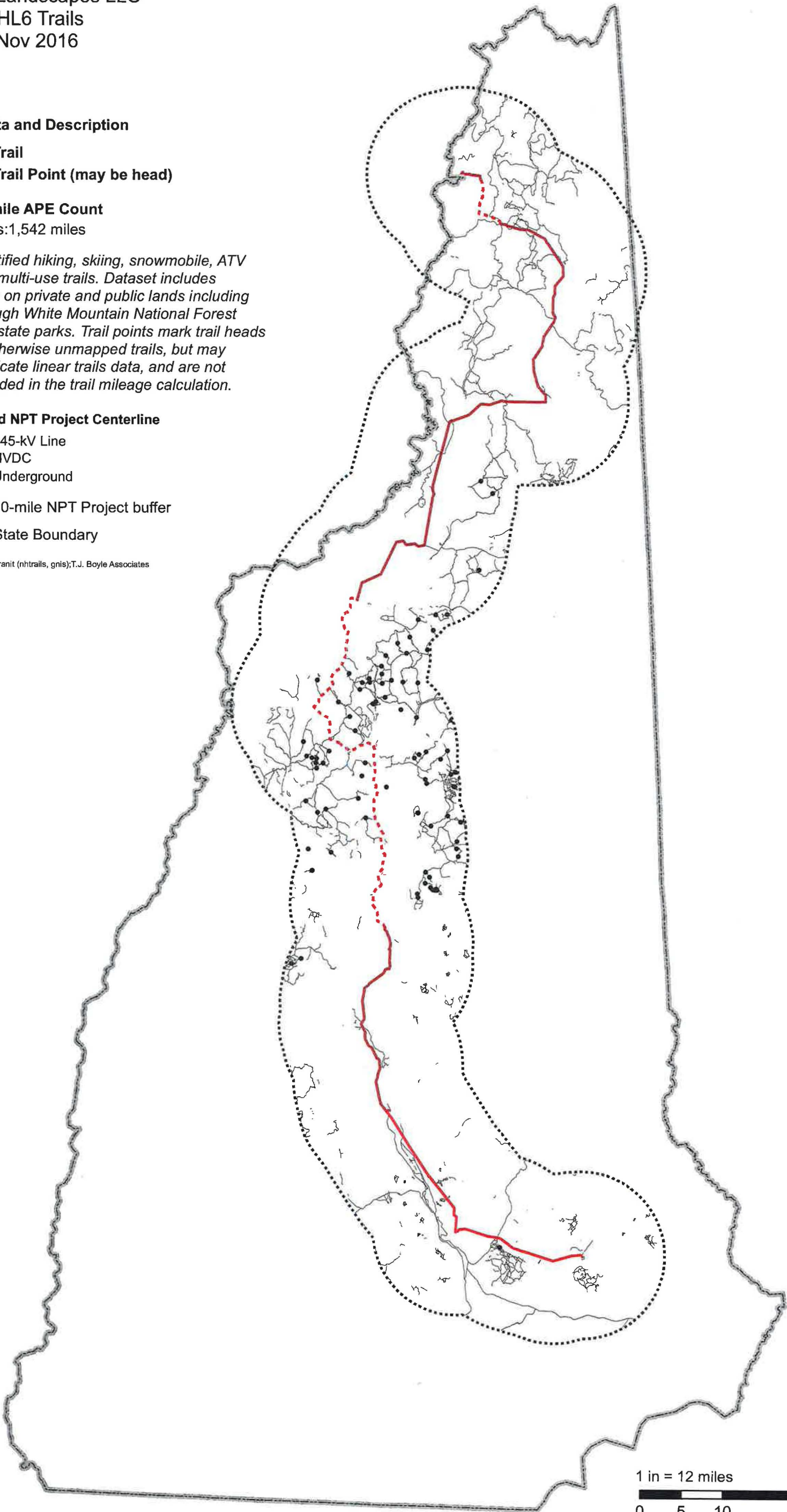
10-mile APE Count
Trails:1,542 miles

Identified hiking, skiing, snowmobile, ATV and multi-use trails. Dataset includes trails on private and public lands including through White Mountain National Forest and state parks. Trail points mark trail heads or otherwise unmapped trails, but may duplicate linear trails data, and are not included in the trail mileage calculation.

Proposed NPT Project Centerline

- 345-kV Line
- HVDC
- Underground
- 10-mile NPT Project buffer
- State Boundary

Sources: NH Granit (nhtrails, gnls);T.J. Boyle Associates



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL7 Public Waters, Designated Rivers, Access Points
Date: 15 Nov 2016

Map Data and Description

- Designated River
- Public Lake or Pond
- Public River or Stream
- Public Access Point

10-mile APE Count

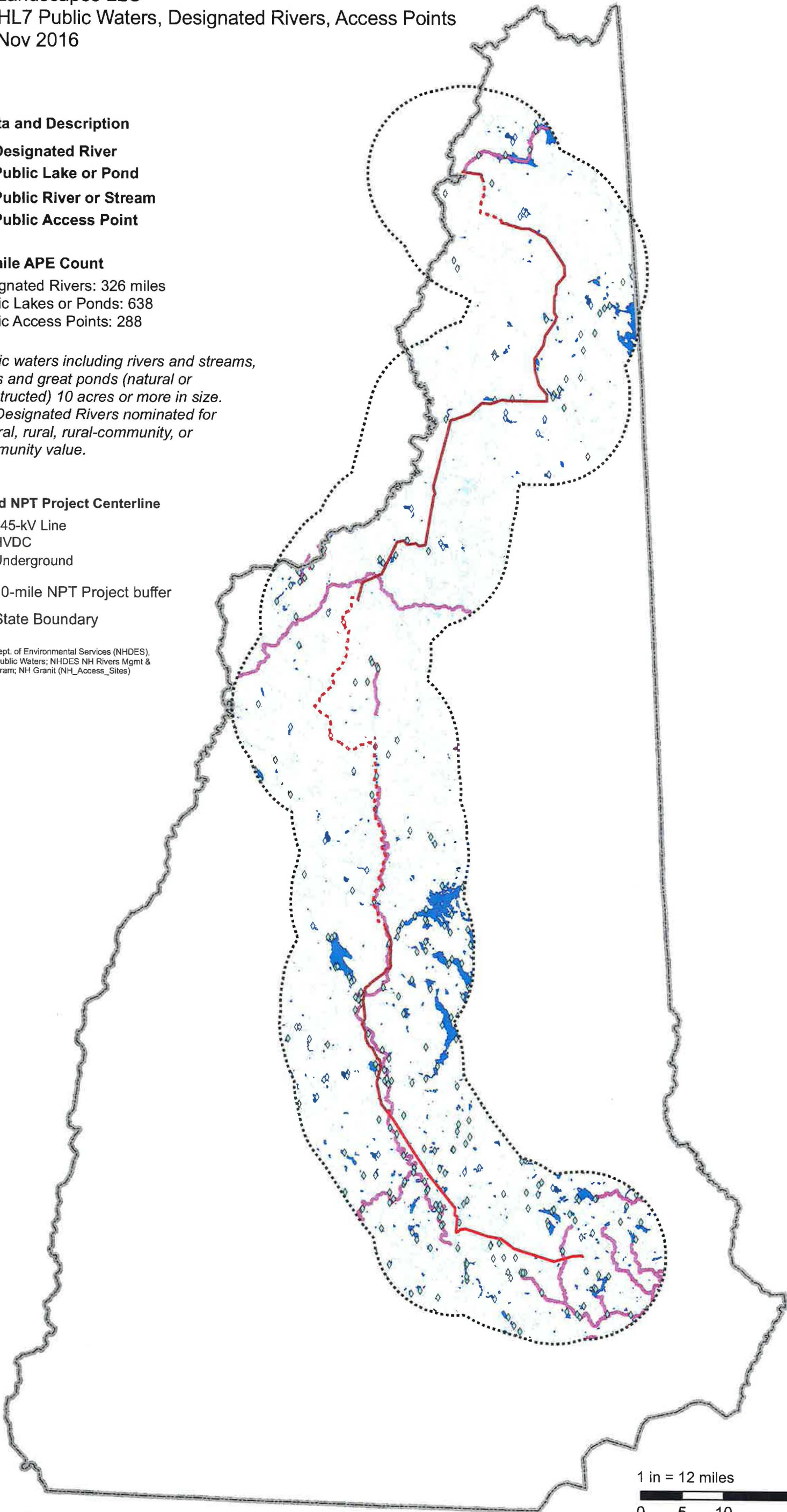
Designated Rivers: 326 miles
Public Lakes or Ponds: 638
Public Access Points: 288

Public waters including rivers and streams, lakes and great ponds (natural or constructed) 10 acres or more in size. NH Designated Rivers nominated for natural, rural, rural-community, or community value.

Proposed NPT Project Centerline

- 345-kV Line
- HVDC
- Underground
- 10-mile NPT Project buffer
- State Boundary

Sources: NH Dept. of Environmental Services (NHDES), Official List of Public Waters; NHDES NH Rivers Mgmt & Protection Program; NH Granit (NH_Access_Sites)



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL8 Community Historic Sites
Date: 15 Nov 2016






Map Data and Description

-  Historic Site
-  Historic Area
-  Historic Road or Trail

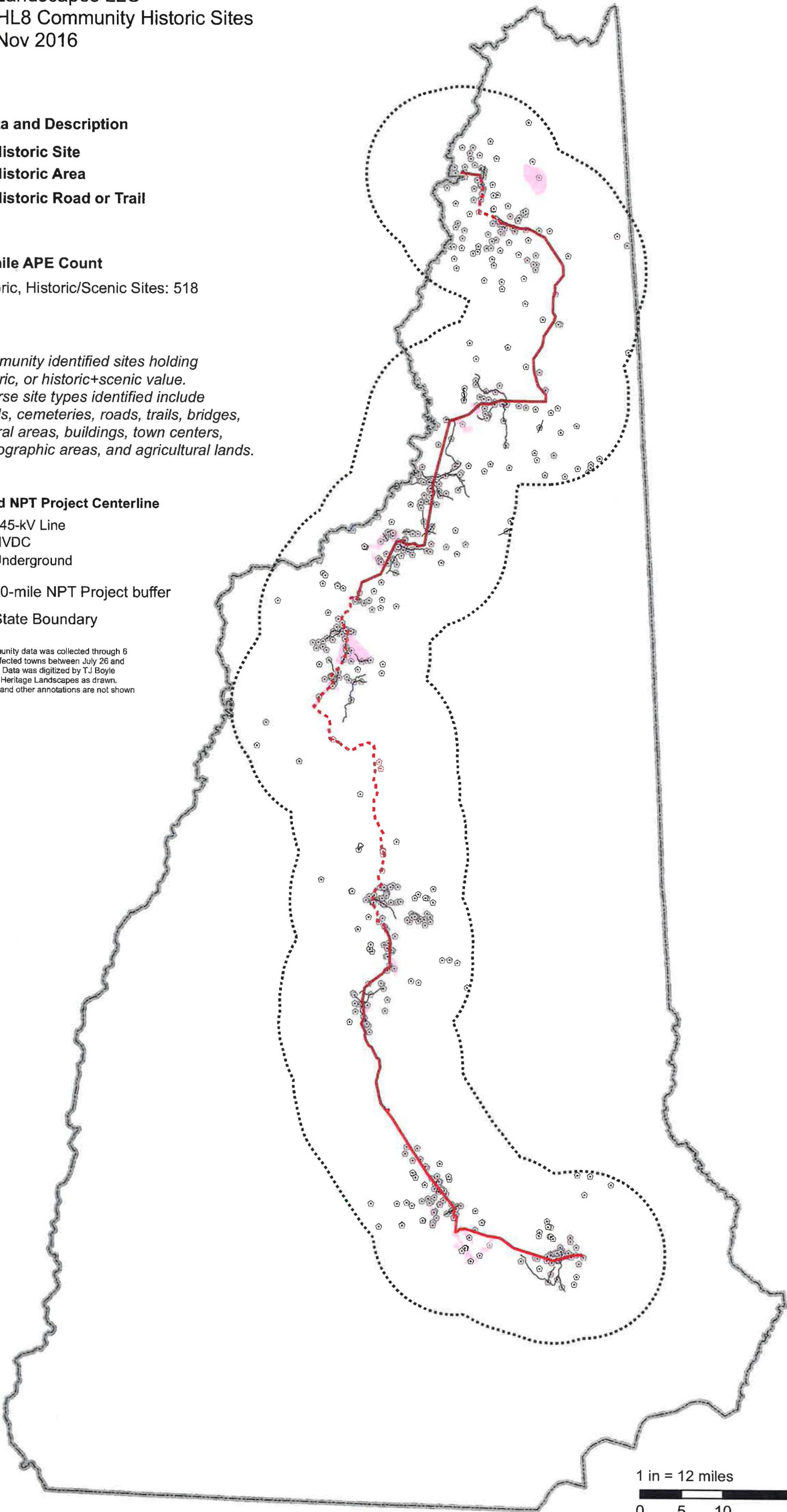
10-mile APE Count
Historic, Historic/Scenic Sites: 518

Community identified sites holding historic, or historic+scenic value. Diverse site types identified include ponds, cemeteries, roads, trails, bridges, natural areas, buildings, town centers, ethnographic areas, and agricultural lands.

Proposed NPT Project Centerline

-  345-kV Line
-  HVDC
-  Underground
-  10-mile NPT Project buffer
-  State Boundary

Sources: Community data was collected through 6 workshops in affected towns between July 26 and August 3, 2016. Data was digitized by T.J. Boyle Associates and Heritage Landscapes as drawn. View directions and other annotations are not shown on this map.



1 in = 12 miles
0 5 10 20 Miles



Northern Pass Historic Sites and Cultural Landscapes Assessment

Client: State of New Hampshire Counsel for the Public
Heritage Landscapes LLC
Dwg No: HL9 Areas with Potential Views to the Project
Date: 15 Nov 2016

Map Data and Description

Areas with potential views to Project

10-mile APE Count

NH Land Area within 10-mile APE: 3,462.6 sq.mi.
NH Land Area with potential views: 1235.3 sq.mi.
Percent of 10-mile APE with potential impact: 35.6

This map displays all areas that have potential views of the proposed Project based on topography. Vegetation, buildings and other impermanent features are not included in this model, providing a more conservative assessment of the extent of potential visual effect.

Proposed NPT Project Centerline

- 345-kV Line
- HVDC
- Underground
- 10-mile NPT Project buffer
- State Boundary

Sources: T.J.Boyle viewshed bare earth viewshed model

