

# **NEPA COMPLIANCE REVIEW**

**796 Woodin Street  
Hamden, New Haven County, CT 06514**

**September 28, 2018**



**Prepared for:**

**Tarpon Towers II, LLC  
c/o Phoenix Partnership, LLC  
796 Woodin Street  
Hamden, CT 06514**

**Prepared by:**

**All-Points Technology Corporation, P.C.  
3 Saddlebrook Drive  
Killingworth, CT 06419**

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## *NEPA Review Summary*

<b>Site Name:</b>	Hamden CT	
<b>Site Type:</b>	Construction of a new 120' tall monopole communications tower within a 40' x 70' fenced-in equipment compound.	
<b>Site Address:</b>	796 Woodin Street, Hamden, New Haven County, CT 06514	
<b>Latitude / Longitude (NAD83):</b>	N 41° 20' 59.2" / W 72° 57' 45.3"	
<b>TCNS Number:</b>	173347	
<b><i>FCC NEPA Category</i></b>	<b><i>Source</i></b>	<b><i>Findings</i></b>
Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management (BLM)	<b>No Effect</b>
Designated Wildlife Preserve	National Park Service, US Forest Service, BLM	<b>No Effect</b>
Threatened or Endangered Species or Designated Critical Habitats	US Fish & Wildlife Service and Connecticut Department of Energy & Environmental Protection (CTDEEP) Natural Diversity Database (NDDDB)	<b>No Effect</b>
Archeological and Historic Resources	State Historic Preservation Office (SHPO) file review and consultation, archaeological assessment, public notices and Local Government involvement	<b>No Effect</b>
Indian Religious Site	Indian Reservations in the Continental United States, Bureau of Indian Affairs Map, and consultation with federally recognized tribes via FCC's Tower Construction Notification System (TCNS)	<b>No Effect</b>
100-year Floodplain	Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM)	<b>No Effect</b>
Wetlands & Surface Waterways Features	Site Wetland Investigation, Natural Resources Conservation Service (NRCS) Soil Survey and USFWS National Wetland Inventory (NWI) mapping	<b>No Effect</b>
High Intensity White Lights in Residential Neighborhood	TOWAIR Determination	<b>No Effect</b>
<b>Environmental Assessment (EA)</b>	Findings for the above FCC NEPA Categories and sources	<b>No</b>

## **1.0 INTRODUCTION**

### **1.1 PURPOSE**

As a licensing agency, the Federal Communications Commission (FCC) complies with the National Environmental Policy Act (NEPA) by requiring its licensees to review their proposed actions for environmental consequences. The FCC rules for implementing NEPA are found in Title 47 of the Code of Federal Regulations (CFR), Part 1, Subpart I, rule sections 1.1301 to 1.1319. If a licensee's proposed action falls within one of the categories of rule sections 1.1301 to 1.1319, the licensee is required to consider the potential environmental effects from its construction of antenna facilities or structures, and disclose those effects in an environmental assessment (EA) which is filed with the Commission for review.

Additionally, Section 106 of the National Historic Preservation Act of 1966 requires licensees to assess the effect of their proposed action on historic properties as outlined in regulations issued by the Advisory Council on Historic Properties at 36 CFR Part 800, as well as the Nationwide Programmatic Agreement (NPA) for the Collocation of Wireless Antennas (47 CFR Part 1, See Attachments) and the NPA Regarding the Section 106 National Historic Preservation Act Review Process (47 CFR Part 1, See Attachments).

### **1.2 SCOPE OF WORK**

At the request of Phoenix Partnership, LLC, and on behalf of Tarpon Towers II, LLC, All-Points Technology Corporation, P.C. (APT) has completed its review of environmental resource information outlined in 47 CFR Part 1, Subpart I, rule sections 1.1301 to 1.1319. The review includes the evaluation of the wireless telecommunication facility project impacts to the FCC NEPA categories outlined in this report using the sources referenced herein. Impacts from radiofrequency radiation are evaluated by the tower owner and/or applicant and are not part of this scope of work.

If the project undertaking results in an adverse effect finding under any of the FCC NEPA categories reviewed, those effects must be disclosed in the form on an EA and filed with the FCC for further review of potential environmental impacts.

This NEPA report documents the reviews completed to date. The term "Site" will be used herein to reference the location of the proposed undertaking.



## **2.0 SITE LOCATION AND PROJECT DESCRIPTION**

### **2.1 SITE LOCATION**

The Site, located at 796 Woodin Street in Hamden, Connecticut, is situated south side of Woodin Street and abutting the Wilbur Cross Parkway (CT Route 15) to the west. The parcel is the site of a single-family residence with attached garage – these built ca. 1940 and ca. 1980, respectively – that stand immediately south of an informal street identified as Old Woodin Street, which branches off Woodin Street and runs some 500' west before terminating roughly in front of the parcel. A root cellar structure made of earth and concrete is located 50' east of the house, while several modern outbuildings (a mix of sheds and horse barns) are scattered a short distance south of the residence. A moderately-sized lawn surrounds the house, while fenced horse paddocks are located roughly 150' south of the residence.

The Site is located roughly 500' north of Wintergreen Brook, 2000' west of Belden Brook, and 2000' southeast of Lake Wintergreen. The Wilbur Cross Parkway passes through the Heroes Tunnel (completed 1948), a feature that allows the parkway to pass through a steep ridgeline known as West Rock Ridge, roughly 2,500' to the southwest. The Site vicinity remained largely wooded or agricultural as late as the 1930s, however, by the early 1950s a degree of suburban development was taking place to the east, while the Wilbur Cross Parkway had been laid out to the north and west. Further residential development took place to the north, west, and south by the mid-1960s.

A USGS Site Location Map and Site Plans are presented in the Attachments section.

### **2.2 PROJECT DESCRIPTION – PROPOSED UNDERTAKING**

Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC, is proposing to construct a telecommunications facility consisting of a 120'-tall monopole with antennas situated within a 40' x 70' fenced (chain link) equipment compound to be located roughly 850' south of the residence. A 20'-wide access and utility easement originating off Woodin Street would follow the existing driveway to a point immediately west of the attached garage. It would then continue to the southwest along the parcel's western boundary before swinging to the southeast and terminating at the proposed tower location. A 12'-wide gravel access drive would be constructed west of the garage to the compound. The antennas affixed to the top of the monopole will consist of panel antennas, these mounted in three sectors at a maximum height of 124'.

Site Plans provided by Tarpon Towers II, LLC are included in the Attachments section.

### **3.0 FCC NEPA REVIEW CATEGORIES**

#### **3.1 DESIGNATED WILDERNESS AREAS**

Will the facility be located in an officially designated wilderness area? **No**

The proposed facility is not located in an officially designated wilderness area.

Source: Review of Wilderness Areas of the United States mapping, <http://www.wilderness.net/index.cfm?fuse=NWPS> (See Attachments).

#### **3.2 DESIGNATED WILDLIFE PRESERVES**

Will the facility be located in an officially designated wildlife preserve? **No**

The proposed facility is not located in an officially designated wildlife preserve.

Source: Review of U.S. Fish & Wildlife Service National Wildlife Refuge System Map, [www.wilderness.net](http://www.wilderness.net) (See Attachments).

#### **3.3 THREATENED OR ENDANGERED SPECIES OR DESIGNATED CRITICAL HABITATS**

Will the facility affect listed or proposed threatened or endangered species or designated critical habitats? **No**

One federally-listed<sup>1</sup> threatened species is documented in the Site vicinity: the northern long-eared bat ("NLEB"; *Myotis septentrionalis*). Northern long-eared bat's range encompasses the entire State of Connecticut. As a result of this preliminary finding, APT performed an evaluation to determine if the proposed undertaking would result in a likely adverse effect to NLEB.

The proposed communications tower would be located on a residentially-developed parcel within an upland forested area that will require some tree clearing. The project is not located near known NLEB hibernacula or maternity roost trees. Consultation with the Connecticut Department of Energy & Environmental Protection ("CTDEEP") Wildlife Division Natural Diversity Data Base ("NDDB") revealed that the proposed facility is not within 150 feet of a known occupied maternity roost tree and is not within 0.25 mile of a known NLEB hibernaculum. The nearest NLEB habitat resource to the proposed activity is located in North Branford ±5 miles to the east. Therefore, the proposed undertaking is not likely to adversely affect NLEB.

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<sup>1</sup> Listing under the federal Endangered Species Act

Based on our consultation with the CTDEEP's NDDDB, no additional federally-listed threatened or endangered or state listed threatened, endangered, or special concerned species are known to occur in the Site vicinity (See Attachments).

Based on the information provided, the proposed undertaking is not likely to adversely affect any potential threatened or endangered species or designated critical habitats.

Source: Review of publicly available data and consultations with the USFWS and CTDEEP NDDDB (See Attachments).

### 3.4 ***ARCHAEOLOGICAL AND HISTORIC RESOURCES***

Will the facility affect districts, sites, buildings, structures or objects significant in American history, architecture, archaeology, engineering or culture that are listed, or are eligible for listing, in the National Register of Historic Places? **No**

In a letter dated July 26, 2018, the CTSHPO determined that the proposed undertaking will have no adverse effect to sites listed on or eligible for listing on the National Register of Historic Places, subject to the following conditions:

1. The antennas and associated equipment will be designed, painted to match adjacent materials, and installed to be as non-visible as possible, and
2. If not in use for six consecutive months, antennas, and all other equipment shall be removed by the telecommunications facility owner. This removal shall occur within 90 days of the end of such six-month period.

Source: Review of SHPO files, archaeological assessment, public involvement, and Local Government and SHPO consultation (See Attachments).

### 3.5 ***INDIAN RELIGIOUS SITES***

Will the facility affect Indian religious sites? **No**

The Site is not located on an American Indian federal reservation trust land. It was determined through tribal consultation via FCC's Tower Construction Notification System (TCNS) that the proposed undertaking is unlikely to affect Indian religious sites.

In the unlikely event that tribal artifacts or human remains are/were encountered during construction activities, excavation the appropriate SHPO, tribes, and other consulting parties are to be contacted.

*Source:* Indian Reservations in the Continental United States, Bureau of Indian Affairs Map, archeological assessment, and consultation with federally recognized tribes using the FCC TCNS (See Attachments).

### 3.6 ***FLOODPLAINS***

Will the facility be located in a 100-year floodplain? **No**

The Site is located outside of a 100-year flood hazard as identified on the FIRM map for the proposed Site area.

Source: Site observations and Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Panel 09009C0427H, effective December 17, 2010 (See Attachments).

### 3.7 ***WETLANDS & SURFACE WATERWAYS FEATURES***

Will construction of the facility involve a significant change in surface features (e.g. wetland fill, water diversion, or deforestation)? **No**

The proposed access and facility location would not appear to result in a direct impact to wetland resources. However, development activities would be located in close proximity to wetland areas.

Source: U.S. Geological Survey (USGS) 7.5-Minute Series Topographic Quadrangle (See Attachments), Natural Resources Conservation Service (NRCS) Soil Survey, CTDEEP's data library (<http://www.ct.gov/deep>) of state wetland mapping, and Wetland Desktop Review report completed by APT (See Attachments).

### 3.8 ***HIGH INTENSITY WHITE LIGHTS IN RESIDENTIAL NEIGHBORHOOD***

Will the facility be equipped with high intensity white lights which are to be located in residential neighborhoods?

No lighting is required for the proposed tower.

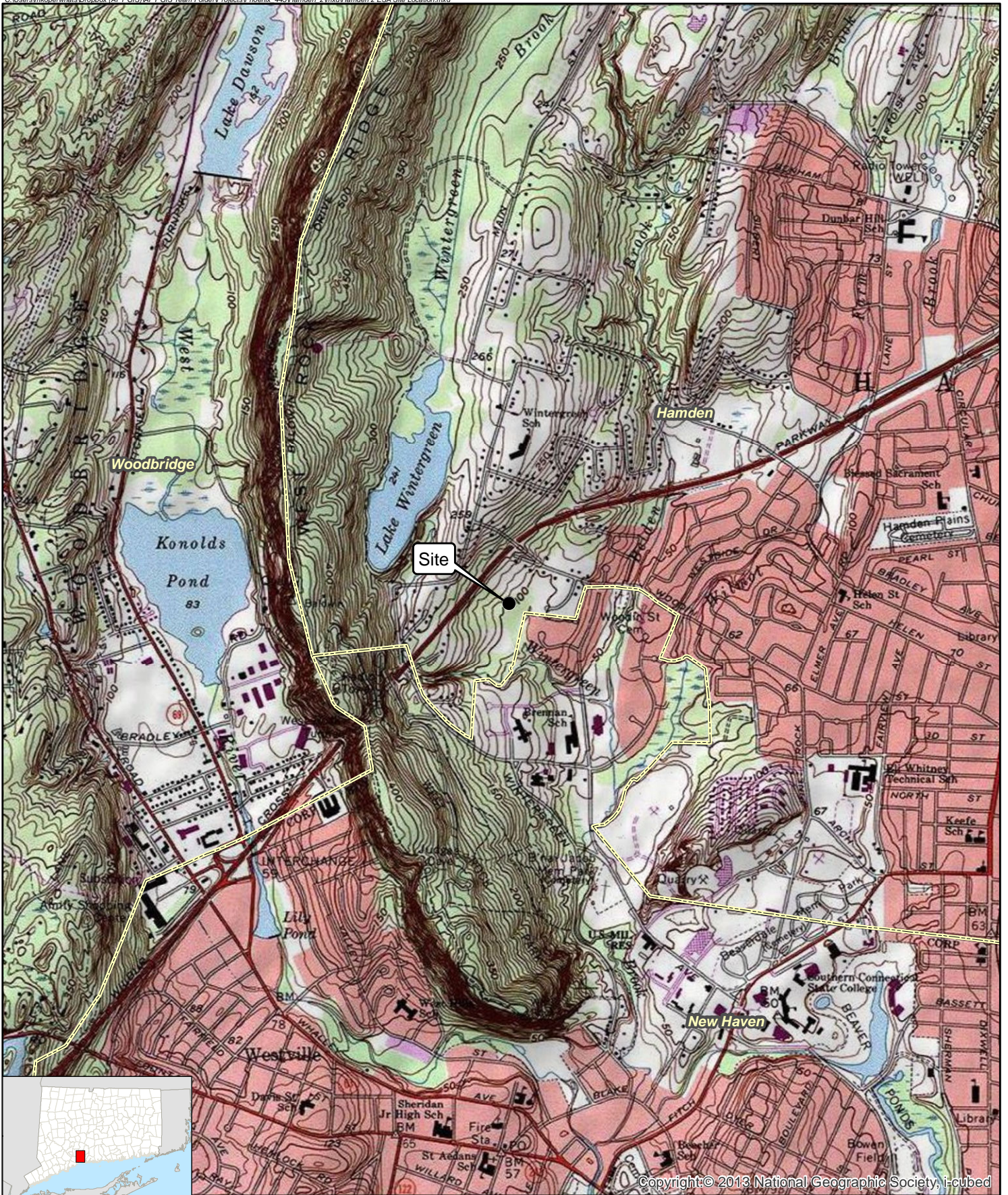
Source: TOWAIR Determination 9/17/18 (See Attachments).

### 4.0 ***CONCLUSIONS***

APT completed this NEPA Review in conformance with the FCC rules and regulations for implementing NEPA; 47 CFR 1.1301 to 1.1319. Based on the information obtained as part of this Review, the proposed undertaking does not require preparation and filing of an EA.

## *Attachments*





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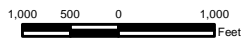
**Legend**

- Site
- Municipal Boundary

**Site Location Map**

Proposed Wireless  
Telecommunications Facility  
Hamden CT Relo  
796 Woodin Street  
Hamden, Connecticut

Map Notes:  
Base Map Source: USGS 7.5 Minute Topographic  
Quadrangle Map, New Haven, CT (1984)  
Map Scale: 1:24,000  
Map Date: January 2018





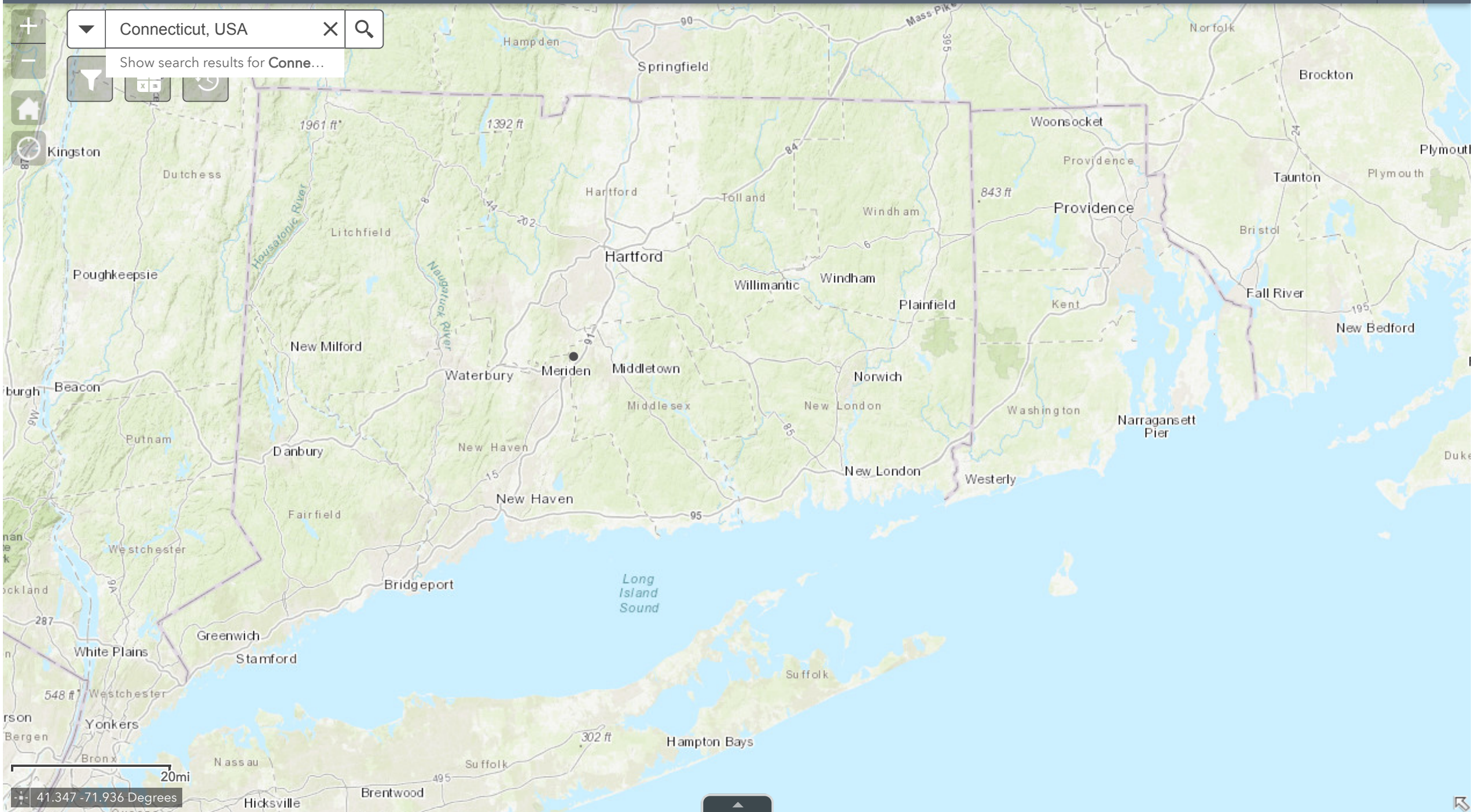
# Wilderness Areas of the United States

Provided by Wilderness Connect

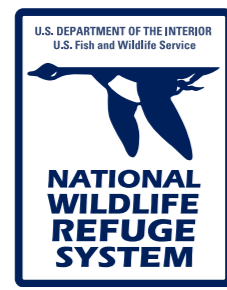


▼ Connecticut, USA X Q

Show search results for Conne...  
[Filter icon] [Refresh icon]

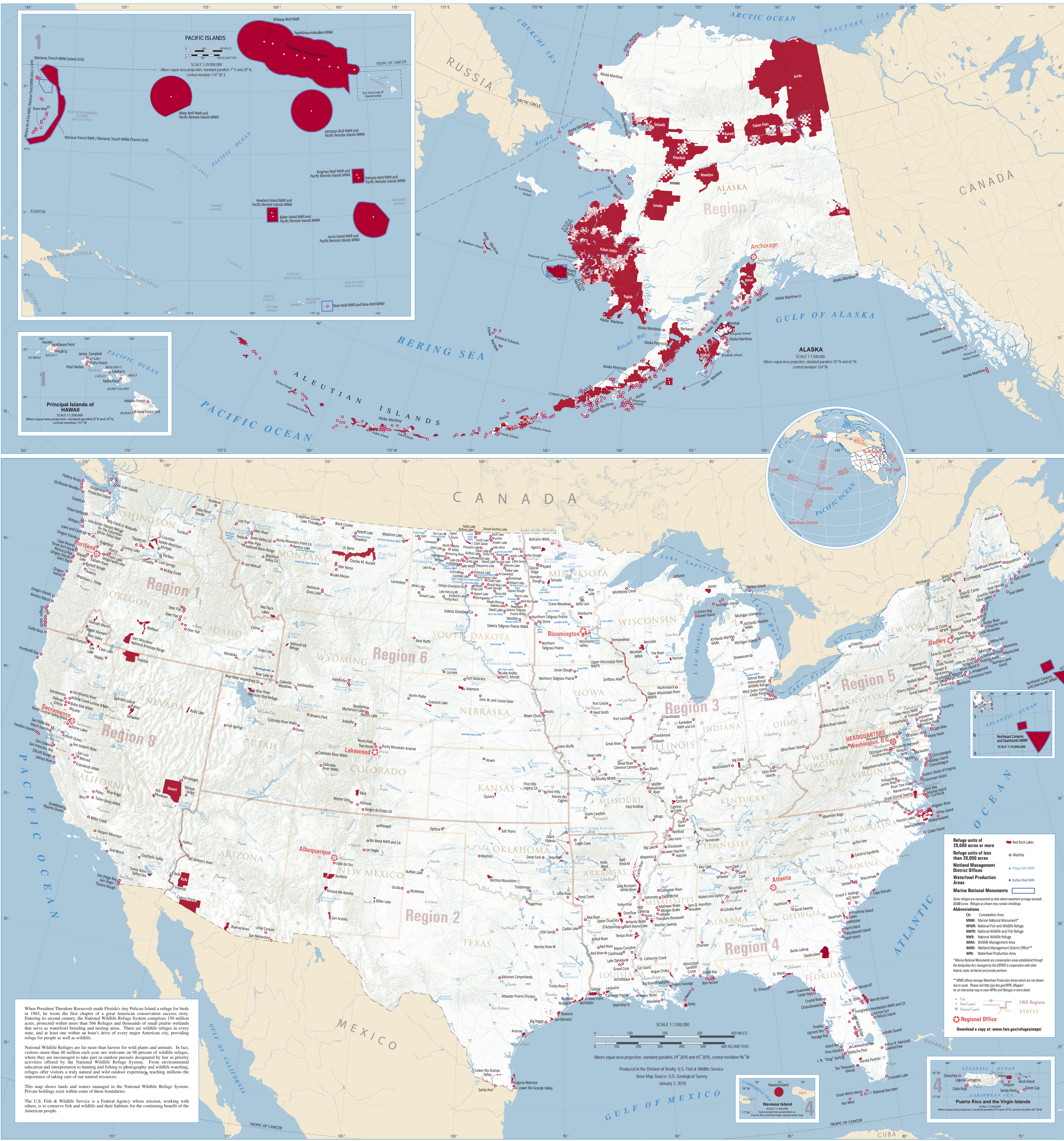






U.S. Fish & Wildlife Service

# National Wildlife Refuge System



When President Theodore Roosevelt made Florida's tiny Pelican Island a refuge for birds in 1903, he wrote the first chapter of a great American conservation success story. Entering its second century, the National Wildlife Refuge System comprises 150 million acres, protected within more than 566 Refuges and thousands of small private wetlands that serve as waterfowl breeding and nesting areas. There are wildlife refuges in every state, and at least one within an hour's drive of every major American city, providing refuge for people as well as wildlife.

National Wildlife Refuges are far more than havens for wild plants and animals. In fact, visitors more than 40 million each year are welcome on 98 percent of wildlife refuges, where they are encouraged to take part in outdoor pursuits designated by law as priority activities offered by the National Wildlife Refuge System. From environmental education and interpretation to hunting and fishing to photography and wildlife watching, refuges offer visitors a truly natural and wild outdoor experience, teaching millions the importance of taking care of our natural resources.

This map shows lands and waters managed in the National Wildlife Refuge System. Private holdings exist within some of these boundaries.

The U.S. Fish & Wildlife Service is a Federal Agency whose mission, working with others, is to conserve fish and wildlife and their habitats for the continuing benefit of the American people.

Refuge units of 20,000 acres or more  
 Refuge units of less than 20,000 acres  
 Wetland Management District Offices  
 Waterfowl Production Areas  
 Marine National Monuments  
 Some refuges are represented as dots where essential acreage exceeds 20,000 acres. Refuges are shown only when indicated.

**Abbreviations**  
 CA: Conservation Area  
 MNM: Marine National Monument  
 NWR: National Wildlife and Fish Refuge  
 NWR: National Wildlife Refuge  
 WMA: Wildlife Management Area  
 WMD: Wetland Management District Office  
 WPA: Waterfowl Production Area

\*Marine National Monuments are cooperative areas established through the Antiquities Act, managed by the USFWS in cooperation with other federal, state, territorial and private partners.

\*\*WMD office message Waterfowl Production Area which are not shown due to scale. Please visit <http://www.fws.gov/wpa> for an interactive map to view WPA and Refuges in more detail.

City  
 State Capital  
 National Capital  
 FWS Regions  
 STATES  
 Regional Office

Download a copy at [www.fws.gov/refuges/maps/](http://www.fws.gov/refuges/maps/)

Produced in the Division of Realty, U.S. Fish & Wildlife Service  
 Base Map Source: U.S. Geological Survey  
 January 3, 2018

SCALE: 1:7,500,000  
 Albers equal area projection, standard parallels 29°30'N and 45°30'N, central meridian 96°W

SCALE: 1:29,000,000  
 Albers equal area projection, standard parallels 7°S and 20°N, central meridian 174°30'E

SCALE: 1:17,500,000  
 Albers equal area projection, standard parallels 18°N and 18°N, central meridian 157°W

SCALE: 1:1,000,000  
 Albers equal area projection, standard parallels 18°N and 18°N, central meridian 107°W

SCALE: 1:1,000,000  
 Albers equal area projection, standard parallels 18°N and 18°N, central meridian 107°W





## NLEB Streamlined Consultation

via Facsimile  
(603) 223-0104

August 17, 2018

APT Project No.: CT445170

U.S. Fish and Wildlife Service  
New England Field Office  
70 Commercial Street, Suite 300  
Concord, NH 03301-5087

Attn: Thomas R. Chapman

Re: Proposed Wireless CT1225 Hamden 2  
Telecommunication Facility  
796 Woodin Street  
Hamden, New Haven County, CT  
Lat: 41.349789  
Long: -72.962586  
Overall Height: 120-feet AGL

Dear Mr. Chapman,

On behalf of Phoenix Partnership ("Phoenix"), All-Points Technology Corporation, P.C. ("APT") performed an evaluation with respect to possible federally-listed, threatened or endangered species to determine if the proposed referenced communications facility ("Facility") would result in a potential adverse effect to federally-listed species. This consultation was completed in accordance with the Federal Communications Commission ("FCC") rules implementing the National Environmental Policy Act ("NEPA") and Section 7 of the Endangered Species Act through the U.S. Fish and Wildlife Service's ("USFWS") Information, Planning, and Conservation System ("IPaC")<sup>1</sup> for a proposed Facility at the referenced Site.

### **Northern Long-eared Bat**

One federally-listed<sup>2</sup> threatened species is known to occur in the vicinity of the subject property documented as the northern long-eared bat ("NLEB"; *Myotis septentrionalis*). Northern long-eared bat's range encompasses the entire State of Connecticut. As a result of this preliminary finding, APT performed an evaluation to determine if the proposed referenced communications facility would result in a likely adverse effect to NLEB. This consultation framework allows federal agencies to rely upon the USFWS January 5, 2016, intra-Service Programmatic Biological Opinion ("BO") on the Final 4(d) Rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiation of consultation is required per 50 CFR 402.16.

The proposed communications tower is located on a residentially-developed parcel within an upland forested area that will require some tree clearing. The project is not located near known NLEB hibernacula or maternity roost trees. Consultation with the Connecticut Department of Energy & Environmental Protection ("CTDEEP") Wildlife Division Natural Diversity Data Base ("NDDDB") revealed that the proposed

<sup>1</sup> IPaC Consultation Tracking Number: 05E1NE00-2018-SLI-2298, dated July 6, 2018

<sup>2</sup> Listing under the federal Endangered Species Act

facility is not within 150 feet of a known occupied maternity roost tree and is not within 0.25 mile of a known NLEB hibernaculum. The nearest NLEB habitat resource to the proposed activity is located in North Branford ±5 miles to the east. Therefore, the proposed project is not likely to adversely affect NLEB. Please find enclosed the completed USFWS's NLEB final 4(d) rule Streamlined Consultation Form provided in Attachment 1. In accordance with USFWS NLEB Streamlined Consultation review policy, no other attachments (site plans, map and/or site photos) are required.<sup>3</sup>

Phoenix understands that if the USFWS does not respond within 30 days from submittal of this form, we may presume that USFWS determination is informed by the best available information and that Phoenix's project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO.

Phoenix would consider following additional voluntary measures for NLEB conservation, noted below and as the project schedule allows.

- Conduct tree removal activities outside of the NLEB pup season (June 1-July 31) and active season (April 1-October 31) to minimize impacts to pups at roosts not yet identified.
- Avoid clearing suitable spring staging and fall swarming habitat within a five-mile radius of known or assumed NLEB hibernacula during the staging and swarming seasons (April 1-May 15 and August 15-November 14, respectively). NOT APPLICABLE.
- Maintain dead trees and large trees when possible.
- Use herbicides and pesticides only if unavoidable.
- Minimize exterior lighting, opting for down-shielded, motion-sensor security lights or other light minimization measures.

### **Migratory Bird Treaty Act**

In August 2016, the USFWS prepared its *Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning*. These suggested best practices were developed to assist tower companies in developing their communication systems in a way which minimizes the risk to migratory birds and threatened and endangered species. The proposed facility would comply with the USFWS' recommended guidelines for reducing impacts to migratory birds as follows. The proposed facility would consist of a 120-foot monopole structure which requires neither guy wires nor lighting and is therefore consistent with USFWS' suggested tower design criteria: tower height is less than 200 feet above ground level; no guy wires; no tower lighting and on-ground security lighting will be down-shielded and motion-sensored. In addition, placement of the facility avoids wetlands, known bird concentration areas, rare species habitat (site is not located within a DEEP NDDB buffer area) and ridgelines, thereby minimizing environmental impacts that could affect migratory birds.

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<sup>3</sup> Personal communication with Maria Tur, USFWS New England Field Office, May 23, 2017.

Phoenix would consider following the USFWS' construction recommendations, noted below, as the project schedule allows.

- If construction activities should occur during the peak nesting period of April 15 through July 15<sup>4</sup>, efforts would be taken to complete tree clearing work prior to April 15.
- If tree clearing has not been completed by April 15, an avian survey may be conducted to determine if breeding birds would be disturbed.
- If the avian survey concludes that breeding birds would be disturbed, tree clearing activities may be restricted from the April 15 through July 15 peak nesting period (or a modified time frame based on the specific findings of the survey).

Therefore, the proposed construction activities are not anticipated to result in significant disturbance to breeding birds protected by the Migratory Bird Treaty Act ("MBTA").

Please feel free to contact me with any questions or requests for additional information by phone at (860) 663-1697 ext. 201 or via email at [dgustafson@allpointstech.com](mailto:dgustafson@allpointstech.com).

Sincerely,



Dean Gustafson  
Senior Environmental Scientist

Enclosure

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<sup>4</sup> USFWS identifies the peak avian nesting season as April 15 through July 15 and recommends clearing activities be performed before this period in order to comply with the Migratory Bird Treaty Act, personal communication with Maria Tur, USFWS New England Field Office, February 27, 2014.

Attachment  
Northern Long-Eared Bat 4(d) Rule  
Streamlined Consultation Form

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## Northern Long-Eared Bat 4(d) Rule Streamlined Consultation Form

Federal agencies should use this form for the optional streamlined consultation framework for the northern long-eared bat (NLEB). This framework allows federal agencies to rely upon the U.S. Fish and Wildlife Service's (USFWS) January 5, 2016, intra-Service Programmatic Biological Opinion (BO) on the final 4(d) rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiating of consultation is required per 50 CFR 402.16.

This form is not necessary if an agency determines that a proposed action will have no effect to the NLEB or if the USFWS has concurred in writing with an agency's determination that a proposed action may affect, but is not likely to adversely affect the NLEB (i.e., the standard informal consultation process). Actions that may cause prohibited incidental take require separate formal consultation. Providing this information does not address section 7(a)(2) compliance for any other listed species.

<b>Information to Determine 4(d) Rule Compliance:</b>	<b>YES</b>	<b>NO</b>
1. Does the project occur wholly outside of the WNS Zone <sup>1</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Have you contacted the appropriate agency <sup>2</sup> to determine if your project is near known hibernacula or maternity roost trees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Could the project disturb hibernating NLEBs in a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Could the project alter the entrance or interior environment of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the project remove any trees within 0.25 miles of a known hibernaculum at any time of year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Would the project cut or destroy known occupied maternity roost trees, or any other trees within a 150-foot radius from the maternity roost tree from June 1 through July 31.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

You are eligible to use this form if you have answered yes to question #1 **or** yes to question #2 **and** no to questions 3, 4, 5 and 6. The remainder of the form will be used by the USFWS to track our assumptions in the BO.

**Agency and Applicant**<sup>3</sup> Phoenix Partnership LLC, 110 Washington Avenue, North Haven, CT 06473

**Project Name:** CT1225 Hamden 2 CT

**Project Location:** 796 Woodin Street, Hamden, CT (Lat: 41.349789 Long: -72.962586)

**Project IPaC SLI#:** 05E1NE00-2018-SLI-2298, dated July 6, 2018

**Basic Project Description:** The Subject Property consists of an approximately 6.75-acres currently improved with a single-family residence built in 1940 located at 796 Woodin Street in Hamden, New Haven County, Connecticut. The proposed Phoenix Partnership Facility, consisting of a 120-foot monopole within a 40'x70' fenced gravel compound area within a 45'x 75' lease area. The Lease Exhibit depicts that a proposed 20' wide access and utility easement would extend southward onto the Subject Property from Woodin Street. The proposed easement would extend approximately 810' to the proposed ground lease area. A proposed 12' wide gravel access driveway would be located within the 20' wide access and utility easement. The Lease Exhibit depicts that proposed electrical and Telco services will

<sup>1</sup> <http://www.fws.gov/midwest/endangered/mammals/nleb/pdf/WNSZone.pdf>

<sup>2</sup> See <http://www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html>

<sup>3</sup> If applicable - only needed for federal actions with applicants (e.g., for a permit, etc.) who are party to the consultation.

extend to the proposed ground lease area through underground connections. The utilities would originate from an existing utility pole (UI #2244) located along the southern side of Woodin Street. A proposed pad-mounted transformer and utility backboard/meter bank will be located within the utility easement immediately north of the fenced of the compound.

<b>General Project Information</b>	<b>YES</b>	<b>NO</b>
Does the project occur within 0.25 miles of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project occur within 150 feet of a known maternity roost tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project include forest conversion <sup>4</sup> ? (if yes, report acreage below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Estimated total acres of forest conversion	±0.5 ac.	
If known, estimated acres <sup>5</sup> of forest conversion from April 1 to October 31	±0.5 ac.	
If known, estimated acres of forest conversion from June 1 to July 31 <sup>6</sup>	±0.5 ac.	
Does the project include timber harvest? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of timber harvest		
If known, estimated acres of timber harvest from April 1 to October 31		
If known, estimated acres of timber harvest from June 1 to July 31		
Does the project include prescribed fire? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of prescribed fire		
If known, estimated acres of prescribed fire from April 1 to October 31		
If known, estimated acres of prescribed fire from June 1 to July 31		
Does the project install new wind turbines? (if yes, report capacity in MW below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated wind capacity (MW)		

Agency Determination:

By signing this form, the action agency determines that this project may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule.

If the USFWS does not respond within 30 days from submittal of this form, the action agency may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO. The action agency will update this determination annually for multi-year activities.

The action agency understands that the USFWS presumes that all activities are implemented as described herein. The action agency will promptly report any departures from the described activities to the appropriate USFWS Field Office. The action agency will provide the appropriate USFWS Field Office with the results of any surveys conducted for the NLEB. Involved parties will promptly notify the appropriate USFWS Field Office upon finding a dead, injured, or sick NLEB.

Signature: Dean Gustafson

Date Submitted: August 17, 2018

Dean Gustafson, Sr. Biologist, APT  
Agent for Phoenix Partnership LLC

<sup>4</sup> Any activity that temporarily or permanently removes suitable forested habitat, including, but not limited to, tree removal from development, energy production and transmission, mining, agriculture, etc. (see page 48 of the BO).

<sup>5</sup> If the project removes less than 10 trees and the acreage is unknown, report the acreage as less than 0.1 acre.

<sup>6</sup> If the activity includes tree clearing in June and July, also include those acreage in April to October.





Connecticut Department of

**ENERGY &  
ENVIRONMENTAL  
PROTECTION**

August 24, 2018

Dean Gustafson  
All- Points Technology Corporation, P.C.  
3 Saddlebrook Dr  
Killingworth, CT 06419  
[dgustafson@allpointstech.com](mailto:dgustafson@allpointstech.com)

**NDDB DETERMINATION NUMBER.:** 201810262

**Project:** CT1225 Hamden 2, Wireless communications facility at 796 Woodin St, Hamden, CT

I have reviewed Natural Diversity Data Base (NDDB) maps and files regarding this project. I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site. This determination is good for 2 years.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at [shannon.kearney@ct.gov](mailto:shannon.kearney@ct.gov) . Thank you for consulting the Natural Diversity Data Base.

Sincerely,

/s/ Shannon B. Kearney  
Wildlife Biologist



June 21, 2018

To: Ms. Marena Wisniewski  
DECD/SHPO  
450 Columbus Boulevard, Suite 5  
Hartford, CT 06103

Re: Proposed Wireless Telecommunications Facility  
Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
796 Woodin Street  
Hamden, Connecticut 06514  
APT Project#: CT445170

**Determination of Effects for the Proposed Telecommunications Facility to be Constructed at 796 Woodin Street in West Haven, Connecticut:**

In accordance with the Federal Communication Commission (FCC) National Environmental Policy Act (NEPA) rules and Section 106 of the National Historic Preservation Act (NHPA), the above-referenced telecommunications project, proposed by Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC, is being evaluated for its potential effects to districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP).

In accordance with the Nationwide Agreement, please find the attached Submission Packet, FCC Form 620, which presents the details on the proposed project as well as efforts that have been taken to identify, assess, and make determinations of effect on the impacts of the proposed project on Historic Properties. As part of this Undertaking, Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC, is proposing to construct a telecommunications facility at 796 Woodin Street in Hamden, Connecticut. The Subject Property consists of an approximately 6.81-acre parcel located on the south side of Woodin Street and abutting the Wilbur Cross Parkway (CT Route 15) to the west. The Project Area is located roughly 500' north of Wintergreen Brook, 2000' west of Belden Brook, and 2000' southeast of Lake Wintergreen. The Wilbur Cross Parkway passes through the Heroes Tunnel (completed 1948), a feature that allows the parkway to pass through a steep ridgeline known as West Rock Ridge, roughly 2,500' southwest of the Project Area. The parcel is the site of a single-family residence with attached garage – these built ca. 1940 and ca. 1980, respectively – that stand immediately south of an informal street identified as Old Woodin Street, which branches off Woodin Street and runs some 500' west before terminating roughly in front of the Host Property. A root cellar structure made of earth and concrete is located 50' east of the house, while several modern outbuildings (a mix of sheds and horse barns) are scattered a short distance southwest of the residence. A moderately-sized lawn surrounds the house, while fenced horse paddocks are located roughly 150' south of the residence. The proposed facility consists of a 120'-tall monopole with antennas situated within a 40' x 70' fenced (chain link) equipment compound and 45' x 75' lease area to be located roughly 850' south of the residence, and a 20'-wide access and utility easement and 12'-wide gravel driveway that will begin immediately west of the attached garage and continue to the southwest along the parcel's western boundary before swinging to the southeast and terminating at the proposed tower location. The antennas affixed to the proposed monopole will consist of panel antennas, these mounted in three sectors at a maximum

**ALL-POINTS TECHNOLOGY CORPORATION, P.C.**

3 SADDLEBROOK DRIVE · KILLINGWORTH, CT 06419 · PHONE 860-663-1697 · FAX 860-663-0935

height of 124'. As ground level disturbance is required, an archaeological assessment prepared by David George of Heritage Consultants, LLC is included in this submission.

File reviews of the National Register Database, Connecticut State Historic Register, and Connecticut State Historic Resource Inventory were conducted by Lucas Karmazinas, architectural historian with FuturePast Preservation, and Mr. William Keegan, Historical Geographer & GIS Specialist, with Heritage Consultants, LLC, to identify Historic Properties within the 0.5-mile Area for Potential Effect (APE) for Visual and Direct Effects. One (1) Historic Property<sup>1</sup> previously listed or deemed eligible for the National Register of Historic Places was identified within the APE for Visual Effects, this is the Heroes Tunnel, formerly known as the West Rock Tunnel, which is a 1,200'-long, horseshoe-shaped twin barrel tunnel completed in 1949 and determined eligible for listing on the National Register of Historic Places by the Connecticut State Historic Preservation Office on April 20, 2016 (see attached correspondence).

Despite the presence of this resource, however, the proposed Undertaking would present No Adverse Effects on the historic property within the APE for Visual Effects. This is due to the fact that the proposed installation (a 120'-tall monopole with antennas) will not be visible from the resource and as a result will not impact its present visual setting and character, nor will it detract from the overall historic character and integrity of the tunnel. The proposed monopole will not be visible as it will be constructed on a heavily wooded parcel located more than 0.4-mile away from the Project Area, the latter situated on the side of an eastward facing slope that descends away from the Heroes Tunnel. Furthermore, heavy tree cover flanking the Wilbur Cross Parkway and covering the hillside into which the tunnel is built screens visibility from the resource towards the Project Area in all seasons.

This being said, per request from Connecticut's State Historic Preservation Office, a good-faith effort has been made on the part of the investigator to identify any undocumented resources that might be considered Historic Properties. While evaluated outside of the scope of the Submission Packet, FCC Form 620, ten historic resources were identified within the APE for Visual Effects. They include the houses at 645 Woodin Street (ca. 1930), 683 Woodin Street (ca. 1921), 796 Woodin Street (ca. 1940), 824 Wintergreen Avenue (ca. 1930), 831 Wintergreen Avenue (ca. 1930), 839 Wintergreen Avenue (ca. 1940), 986 Wintergreen Avenue (ca. 1900), 1020 Wintergreen Avenue (ca. 1890), and 24 Tierney Road (ca. 1900), as well as the cemetery located at what can be informally identified as 640 Woodin Road. The latter is known as the Woodin Street Cemetery (ca. 1900) and is technically located within the boundaries of the City of New Haven. Detailed documentation regarding the Woodin Cemetery is scarce, however, it was established and utilized as a potter's field associated with the since-demolished Springside Farm, which served as the almshouse for the City of New Haven during the late 19<sup>th</sup> and early-to-mid 20<sup>th</sup> centuries. The cemetery lacks any headstones or monuments except for a stone cross located at the rear (southern end) of the cemetery. The cross lacks any inscriptions identifying the cemetery or those buried there. Neither the residential structures, nor the cemetery, were deemed eligible for listing on the State or National Register of Historic Places due to their perceived lack of exceptional historical significance, various alterations, and extensive changes to the surrounding landscape/neighborhood.

Sincerely,



Lucas Karmazinas  
c/o All-Points Technology Corporation, PC

---

<sup>1</sup> The Nationwide Programmatic Agreement defines a "Historic Property" as "Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or NHO that meet the National Register criteria."

Notification Date:

New Tower (“NT”) Submission Packet

See instructions for

File Number:

public burden estimates

General Information

1) (Select only one) ( <b>NE</b> ) <b>NE</b> – New <b>UA</b> – Update of Application <b>WD</b> – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): <b>0024512105</b>
4) Name: <b>Tarpon Towers II, LLC</b>

Contact Name

5) First Name: <b>Doug</b>	6) MI:	7) Last Name: <b>Butler</b>	8) Suffix:
9) Title: <b>Regional Manager</b>			

Contact Information

10) P.O. Box: <b>32751</b>	And /Or	11) Street Address: <b>1051 Winderley Place</b>
12) City: <b>Maitland</b>	13) State: <b>FL</b>	14) Zip Code: <b>32751</b>
15) Telephone Number: <b>(407)660-7840</b>	16) Fax Number:	
17) E-mail Address: <b>s.morales@trileaf.com</b>		

Consultant Information

18) FCC Registration Number (FRN): <b>0021738141</b>
19) Name: <b>Lucas Karmazinas c/o All Points Technology Corp., P. C.</b>

Principal Investigator

20) First Name: <b>Lucas</b>	21) MI:	22) Last Name: <b>Karmazinas</b>	23) Suffix:
24) Title: <b>Architectural Historian</b>			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: <b>3 Saddlebrook Drive</b>
27) City: <b>Killingworth</b>	28) State: <b>CT</b>	29) Zip Code: <b>06419</b>
30) Telephone Number: <b>(860)633-1697</b>	31) Fax Number:	
32) E-mail Address: <b>egustafson@allpointstech.com</b>		

**Professional Qualification**

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	( <input checked="" type="checkbox"/> ) <u>Y</u> es ( ) <u>N</u> o
34) Areas of Professional Qualification:	
( ) Archaeologist	
( <input checked="" type="checkbox"/> ) Architectural Historian	
( ) Historian	
( ) Architect	
( ) Other (Specify) _____	

**Additional Staff**

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	( <input checked="" type="checkbox"/> ) <u>Y</u> es ( ) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name: <b>David</b>	37) MI:	38) Last Name: <b>George</b>	39) Suffix:
------------------------------	---------	------------------------------	-------------

40) Title: <b>Heritage Consultants</b>
--

41) Areas of Professional Qualification:
( <input checked="" type="checkbox"/> ) Archaeologist
( ) Architectural Historian
( ) Historian
( ) Architect
( ) Other (Specify) _____

36) First Name: <b>William</b>	37) MI:	38) Last Name: <b>Keegan</b>	39) Suffix:
--------------------------------	---------	------------------------------	-------------

40) Title: <b>Heritage Consultants</b>
--

41) Areas of Professional Qualification:
( ) Archaeologist
( ) Architectural Historian
( <input checked="" type="checkbox"/> ) Historian
( ) Architect
( ) Other (Specify) _____

## Site Information

### Tower Construction Notification System

1) TCNS Notification Number: **173347**

### Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes ( **X** ) No

3) Site Name: **Hamden CT**

4) Site Address: **796 Woodin Street**

5) Detailed Description of Project:

**Tarpon Towers II, LLC represented by Phoenix Partnership LLC proposes to build a 120' tall monopole communications tower. Please see attached 2-C and site plans for additional details.**

6) City: **Hamden**

7) State: **CT**

8) Zip Code: **06514**

9) County/Borough/Parish: **NEW HAVEN**

10) Nearest Crossroads: **Woodin Street and Fawn Ridge Drive**

11) **NAD 83** Latitude (DD-MM-SS.S): **41-20-59.2**

( **X** ) N or ( ) S

12) **NAD 83** Longitude (DD-MM-SS.S): **072-57-45.3**

( ) E or ( **X** ) W

### Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): 37.8 ( ) Feet ( **X** ) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

( ) Self-supporting lattice

( **X** ) Monopole

( ) Other (Describe):

### Project Status

15) Current Project Status (Select One):

( **X** ) Construction has not yet commenced

( ) Construction has commenced, but is not completed

Construction commenced on: \_\_\_\_\_

( ) Construction has been completed

Construction commenced on: \_\_\_\_\_

Construction completed on: \_\_\_\_\_

**Determination of Effect**

14) Direct Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE



### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	<input checked="" type="checkbox"/> <u>Y</u> es (    ) <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>173347</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system:    Number of Tribes/NHOs: <u>0</u>	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Bad River Band of Lake Superior Tribe of Chippewa Indians</b>

#### Contact Name

5) First Name: <b>Edith</b>	6) MI:	7) Last Name: <b>Leoso</b>	8) Suffix:
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/13/2018</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Delaware Tribe of Indians of Oklahoma</b>

#### Contact Name

5) First Name: <b>Dr. Brice</b>	6) MI: <b>M</b>	7) Last Name: <b>Obermeyer</b>	8) Suffix:
9) Title:			

#### Dates & Response

10) Date Contacted <u>06/13/2018</u>	11) Date Replied <u>06/13/2018</u>
<input type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input checked="" type="checkbox"/> Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>173347</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system:      Number of Tribes/NHOs: <u>0</u>	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Keweenaw Bay Indian Community</b>

#### Contact Name

5) First Name: <b>Gary</b>	6) MI:	7) Last Name: <b>Loonsfoot</b>	8) Suffix: <b>Jr</b>
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/14/2018</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Lac du Flambeau Band of Lake Superior Chippewa Indians</b>

#### Contact Name

5) First Name: <b>Melinda</b>	6) MI: <b>J</b>	7) Last Name: <b>Young</b>	8) Suffix:
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/14/2018</u>	11) Date Replied <u>06/19/2018</u>
<input type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input checked="" type="checkbox"/> Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Y</u> es (    ) <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>173347</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system:    Number of Tribes/NHOs: <u>0</u>	

#### Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Lac Vieux Desert Band of Lake Superior Chippewa Indians</b>

#### Contact Name

5) First Name: <b>Daisy</b>	6) MI:	7) Last Name: <b>McGeshick</b>	8) Suffix: <b>Ms</b>
9) Title: <b>THPO and NAGPRA Representative</b>			

#### Dates & Response

10) Date Contacted <u>06/13/2018</u>	11) Date Replied <u>06/18/2018</u>
(    ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
( <input checked="" type="checkbox"/> ) Replied/Other	

#### Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Mashantucket Pequot Tribe</b>

#### Contact Name

5) First Name: <b>Michael</b>	6) MI: <b>K</b>	7) Last Name: <b>Johnson</b>	8) Suffix:
9) Title: <b>Deputy THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/13/2018</u>	11) Date Replied <u>06/15/2018</u>
(    ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
( <input checked="" type="checkbox"/> ) Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>173347</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system:      Number of Tribes/NHOs: <u>0</u>	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Mohegan Indian Tribe</b>

#### Contact Name

5) First Name: <b>Elaine</b>	6) MI:	7) Last Name: <b>Thomas</b>	8) Suffix:
9) Title: <b>Deputy THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/14/2018</u>	11) Date Replied <u>06/13/2018</u>
<input type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input checked="" type="checkbox"/> Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Narragansett Indian Tribe</b>

#### Contact Name

5) First Name: <b>Sequahna</b>	6) MI:	7) Last Name: <b>Mars</b>	8) Suffix:
9) Title: <b>Program Manager</b>			

#### Dates & Response

10) Date Contacted <u>06/14/2018</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	<input checked="" type="checkbox"/> <u>Y</u> es (    ) <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>173347</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system:    Number of Tribes/NHOs: <u>0</u>	

#### Tribes/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin</b>

#### Contact Name

5) First Name: <b>Joseph</b>	6) MI:	7) Last Name: <b>Montano</b>	8) Suffix:
9) Title: <b>Assistant-THPO</b>			

#### Dates & Response

10) Date Contacted <u>06/13/2018</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

## Historic Properties

### Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( <input checked="" type="checkbox"/> ) <u>Y</u> es (    ) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	(    ) <u>Y</u> es ( <input checked="" type="checkbox"/> ) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	(    ) <u>Y</u> es ( <input checked="" type="checkbox"/> ) <u>N</u> o

### Historic Property

4) Property Name: <b>Heroes Tunnel</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>Wilbur Cross Parkway (CT Rt. 15)</b>		
7) City: <b>Hamden</b>	8) State: <b>CT</b>	9) Zip Code: <b>06514</b>
10) County/Borough/Parish: <b>NEW HAVEN</b>		

### Status & Eligibility

11) Is this property listed on the National Register?  Source: _____	(    ) <u>Y</u> es ( <input checked="" type="checkbox"/> ) <u>N</u> o
12) Is this property eligible for listing on the National Register?  Source: <b>CT SHPO DOE 4/20/2016 (correspondence attached)</b>	( <input checked="" type="checkbox"/> ) <u>Y</u> es (    ) <u>N</u> o
13) Is this property a National Historic Landmark?	(    ) <u>Y</u> es ( <input checked="" type="checkbox"/> ) <u>N</u> o

14) Direct Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One):  <input type="checkbox"/> No Effect on this Historic Property in APE <input checked="" type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **Mayor**

### Contact Name

3) First Name: **Curt**

4) MI:

5) Last Name: **Leng**

6) Suffix:

7) Title: **Mayor**

### Contact Information

8) P.O. Box:

**And  
/Or**

9) Street Address: **Hamden Government Center, 2750 Dixwell Ave.**

10) City: **Hamden**

11) State: **CT**

12) Zip Code: **06518**

13) Telephone Number: **(203)287-7100**

14) Fax Number:

15) E-mail Address: **cleng@hamden.com**

16) Preferred means of communication:

(  ) E-mail

(  ) Letter

(  ) Both

### Dates & Response

17) Date Contacted **06/12/2018**

18) Date Replied \_\_\_\_\_

(  ) No Reply

(  ) Replied/No Interest

(  ) Replied/Have Interest

(  ) Replied/Other

### Additional Information

19) Information on local government's role or interest (optional):



## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **Town Planner**

### Contact Name

3) First Name: **Daniel**

4) MI:

5) Last Name: **Kops**

6) Suffix:

7) Title: **Town Planner**

### Contact Information

8) P.O. Box:

**And  
/Or**

9) Street Address: **Hamden Government Center, 2750 Dixwell Ave.**

10) City: **Hamden**

11) State: **CT**

12) Zip Code: **06518**

13) Telephone Number: **(203)287-7100**

14) Fax Number:

15) E-mail Address: **dkops@hamden.com**

16) Preferred means of communication:

(  ) E-mail

(  ) Letter

(  ) Both

### Dates & Response

17) Date Contacted **06/12/2018**

18) Date Replied \_\_\_\_\_

(  ) No Reply

(  ) Replied/No Interest

(  ) Replied/Have Interest

(  ) Replied/Other

### Additional Information

19) Information on local government's role or interest (optional):

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **CLG Representative**

### Contact Name

3) First Name: **Daniel**

4) MI:

5) Last Name: **Kops**

6) Suffix:

7) Title: **CLG Representative**

### Contact Information

8) P.O. Box:

**And  
/Or**

9) Street Address: **Hamden Government Center, 2750 Dixwell Ave.**

10) City: **Hamden**

11) State: **CT**

12) Zip Code: **06518**

13) Telephone Number: **(203)287-7100**

14) Fax Number:

15) E-mail Address: **dkops@hamden.com**

16) Preferred means of communication:

(  ) E-mail

(  ) Letter

(  ) Both

### Dates & Response

17) Date Contacted **06/12/2018**

18) Date Replied \_\_\_\_\_

(  ) No Reply

(  ) Replied/No Interest

(  ) Replied/Have Interest

(  ) Replied/Other

### Additional Information

19) Information on local government's role or interest (optional):

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **Chairman, Historic Properties Commission**

### Contact Name

3) First Name: **Todd**

4) MI:

5) Last Name: **Levine**

6) Suffix:

7) Title: **Chairman, Historic Properties Commission**

### Contact Information

8) P.O. Box:

**And  
/Or**

9) Street Address: **Hamden Government Center, 2750 Dixwell Ave.**

10) City: **Hamden**

11) State: **CT**

12) Zip Code: **06518**

13) Telephone Number: **(203)287-7100**

14) Fax Number:

15) E-mail Address: **todd.levine@ct.gov**

16) Preferred means of communication:

(  ) E-mail

(  ) Letter

(  ) Both

### Dates & Response

17) Date Contacted **06/12/2018**

18) Date Replied \_\_\_\_\_

(  ) No Reply

(  ) Replied/No Interest

(  ) Replied/Have Interest

(  ) Replied/Other

### Additional Information

19) Information on local government's role or interest (optional):

### Other Consulting Parties

#### Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	( ) <u>Y</u> es ( <b>X</b> ) <u>N</u> o
--	---

#### Consulting Party

2) FCC Registration Number (FRN):
3) Name:

#### Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

#### Contact Information

9) P.O. Box:	<b>And /Or</b>	10) Street Address:	
11) City:		12) State:	13) Zip Code:
14) Telephone Number:		15) Fax Number:	
16) E-mail Address:			
17) Preferred means of communication:			
( ) E-mail			
( ) Letter			
( ) Both			

#### Dates & Response

18) Date Contacted _____	19) Date Replied _____
( ) No Reply	
( ) Replied/No Interest	
( ) Replied/Have Interest	
( ) Replied/Other	

#### Additional Information

20) Information on other consulting parties' role or interest (optional):
---

## Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

### SHPO/THPO

Name: Connecticut Historical Commission (TCNS SHPO)

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: \_\_\_\_\_

SHPO/THPO Name: \_\_\_\_\_

SHPO/THPO Name: \_\_\_\_\_

### Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

#### Party Authorized to Sign

First Name:	MI:	Last Name:	Suffix:
Signature: _____			Date: _____

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

### **Attachment 1 – Consultant Information**

*Provide a current copy of the résumé or curriculum vitae for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.*

Current curriculum vitae or résumés are included within this attachment or on file at the Connecticut State Historic Preservation Office for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

### **Attachment 2 – Site Information - Photographs**

*You are required to provide photographs and maps as part of this filing. Additional site information can be provided in an optional attachment.*

#### ***Photograph Requirements:***

*Except in cases where no Historic Properties were identified within the Areas of Potential Effects, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map or text, and dated; the focal length of the lens and the height of the camera should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.*

- 1. Photographs taken from the tower site should show views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the communications tower or non-tower structure.*
- 2. Photographs of all listed and eligible properties within the Areas of Potential Effects.*
- 3. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included. If any listed or eligible properties are within the APE, photos looking at each historic property should be included.*

*Include aerial photos of the APE for visual effects, if available. There are a variety of publicly available websites that provide aerial photographs.*

Please see the attached photographs, which were taken by Mr. Lucas A. Karmazinas, Architectural Historian with FuturePast Preservation, DBA, for All-Points Technology Corp. P.C., on February 21, 2018 (photographs #9-#26), or Mr. David George, Archaeologist with Heritage Consultants, LLC, for All-Points Technology Corp. P.C., on June 11, 2018 (photographs #1-#8), unless otherwise noted. Two photograph location maps are included within this attachment.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



Photo 1. Overview photo of the tower location facing south.



Photo 2. Overview photo of the tower location facing southwest.





Photo 3. Overview photo of the proposed access road facing southwest.



Photo 4. Overview photo of the proposed access road facing south.



Photo 5. Overview photo along the proposed access road facing north.



Photo 6. Overview photo along the proposed access road facing northeast.





Photo 7. Overview photo along the proposed access road facing northeast (note access road will be on the right side of the fence line in this photo).



Photo 8. Overview photo of residence near the southern end of the proposed access road facing northeast.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 9.**

**View looking southwest at the Subject Property (796 Woodin Street, ca. 1940 and ca. 1980) from Woodin Street.**

**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC

**APT Project Number:** CT445170

**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 10.**  
**View looking northwest away from the Subject Property along Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 11.**  
**View looking northeast away from the Subject Property along Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 12.**  
**View looking southeast away from the Subject Property along Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 13.**  
**View looking northwest towards the Subject Property from Fawn Ridge Drive.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 14.**  
**View looking southwest towards the Subject Property from Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 15.**  
**View looking west towards the Subject Property from the intersection of Woodin Street and Mueller Drive.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 16.**  
**View looking south away from the Subject Property at the Woodin Street Cemetery.**  
**1/24/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 17.**  
**View looking northwest towards the Subject Property from Wilmot Road.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 18.**  
**View looking north towards the Subject Property from Level Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



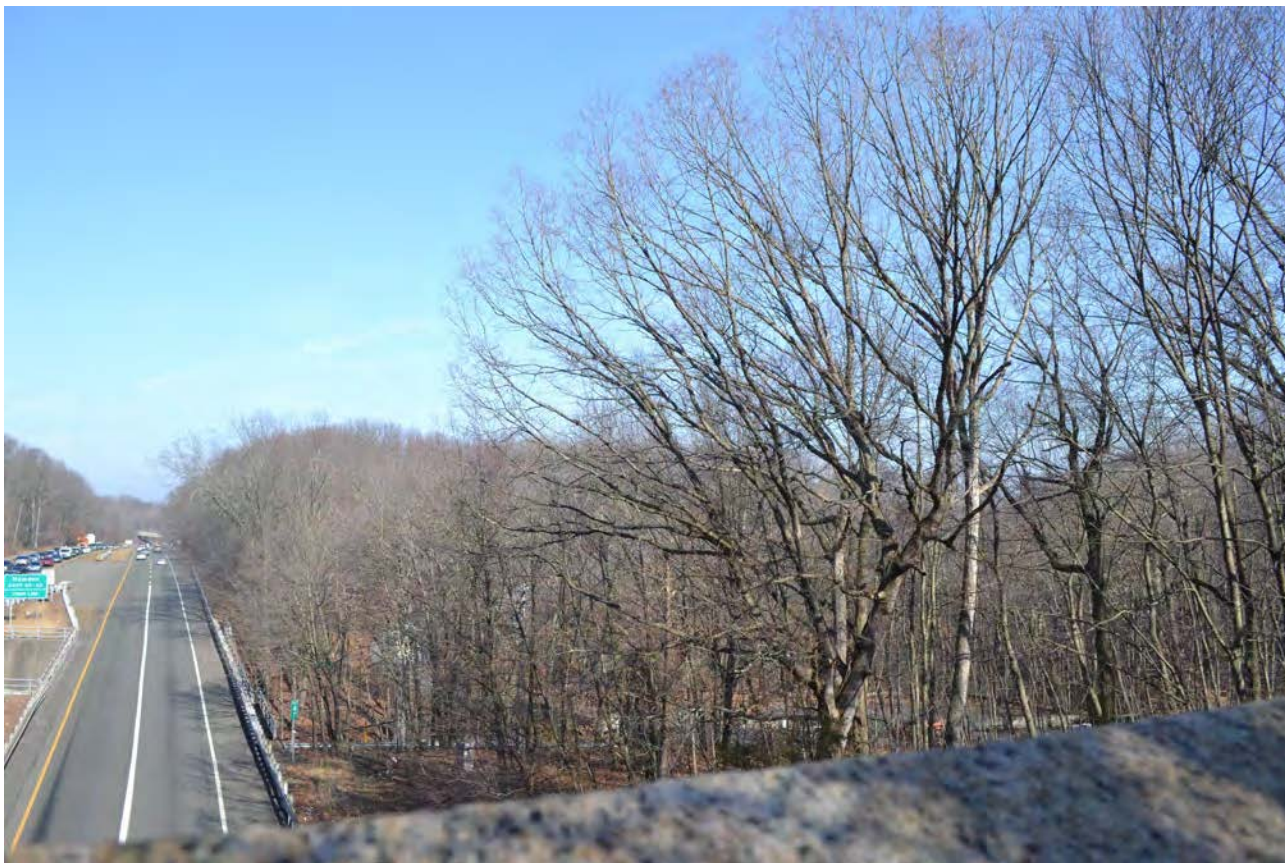
**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 19.**  
**View looking northeast towards the Subject Property from Tierney Road.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 20.**  
**View looking northeast towards the Subject Property from the Heroes Tunnel.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 21.**  
**View looking southwest at the Heroes Tunnel (1949) from the Wilbur Cross Parkway (CT Route 15).**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 22.**  
**View looking east towards the Subject Property from Wintergreen Avenue.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 23.**  
**View looking east towards the Subject Property from Wintergreen Avenue.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 24.**  
**View looking southeast towards the Subject Property from Wintergreen Avenue.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 25.**  
**View looking southeast towards the Subject Property from the intersection of Wintergreen Avenue and Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Photograph 26.**  
**View looking south towards the Subject Property from Woodin Street.**  
**2/21/2018.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

### **Attachment 3 – Site Information – Map Requirements**

*Include one or more 7.5-minute quad USGS topographical maps that:*

- a. Identify the Areas of Potential Effects for both Direct and Visual Effects. If a map is copied from the original, include a key with name of quad and date.*
- b. Show the location of the proposed collocation site and any new access roads or other easements including excavations.*
- c. Show the locations of each property listed.*
- d. Include keys for any symbols, colors, or other identifiers.*
- e. Submit color maps whenever possible.*

### **The following maps are attached to this report:**

- Figure 1 – Aerial Photograph and Photograph Directions Map #1.
- Figure 2 – Aerial Photograph and Photograph Directions Map #2.
- Figure 3 – Topographic and Site Map.
- Figure 4 – Bird’s Eye View Aerial Photograph.
- Figure 5 – Cultural Resources Screen: National.
- Figure 6 – Cultural Resources Screen: Local.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

**NEW TOWER SUBMISSION PACKET – FCC FORM 620**

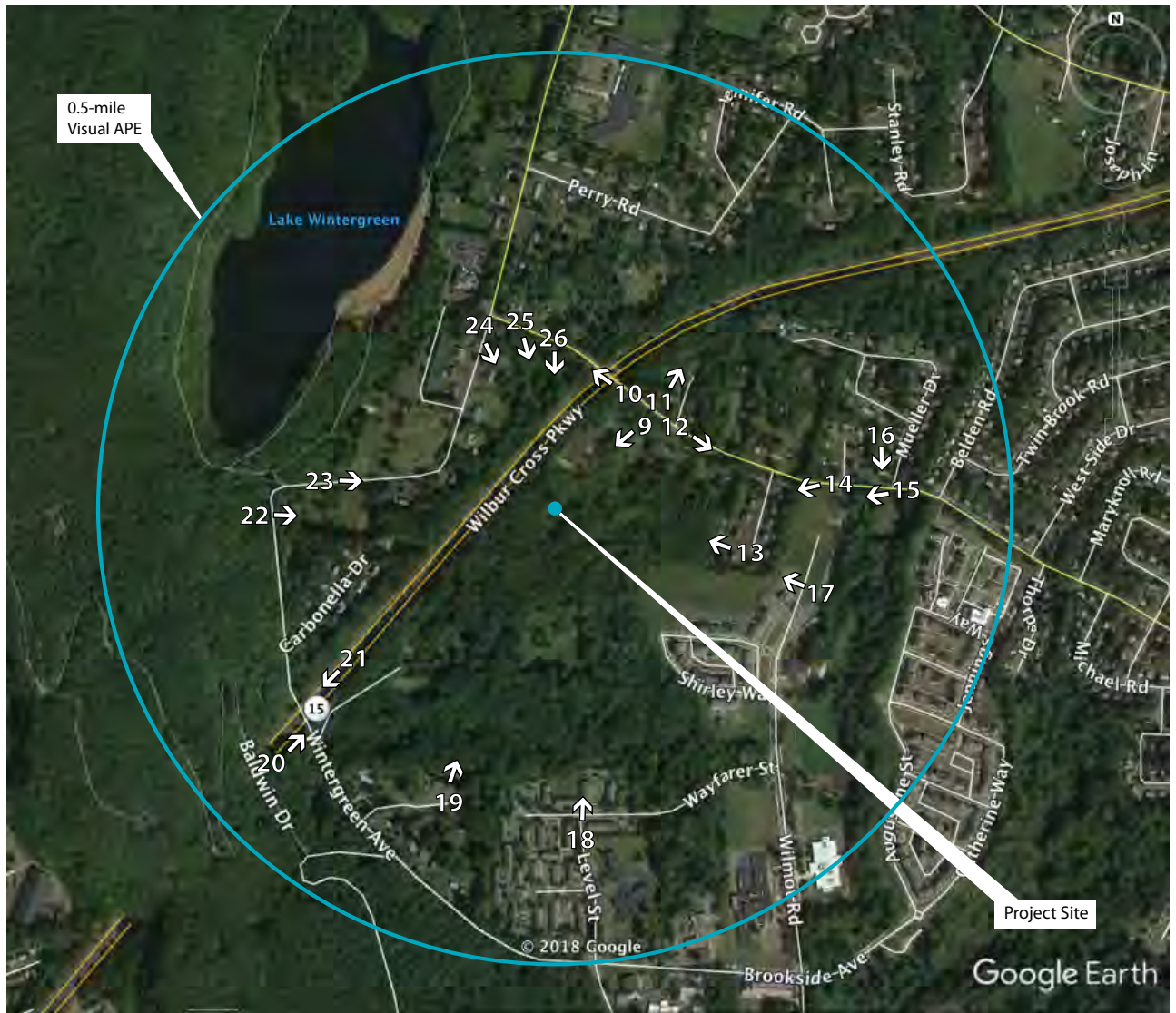


**Figure 1: Aerial Photograph and Photograph Directions Map #1.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**NEW TOWER SUBMISSION PACKET – FCC FORM 620**

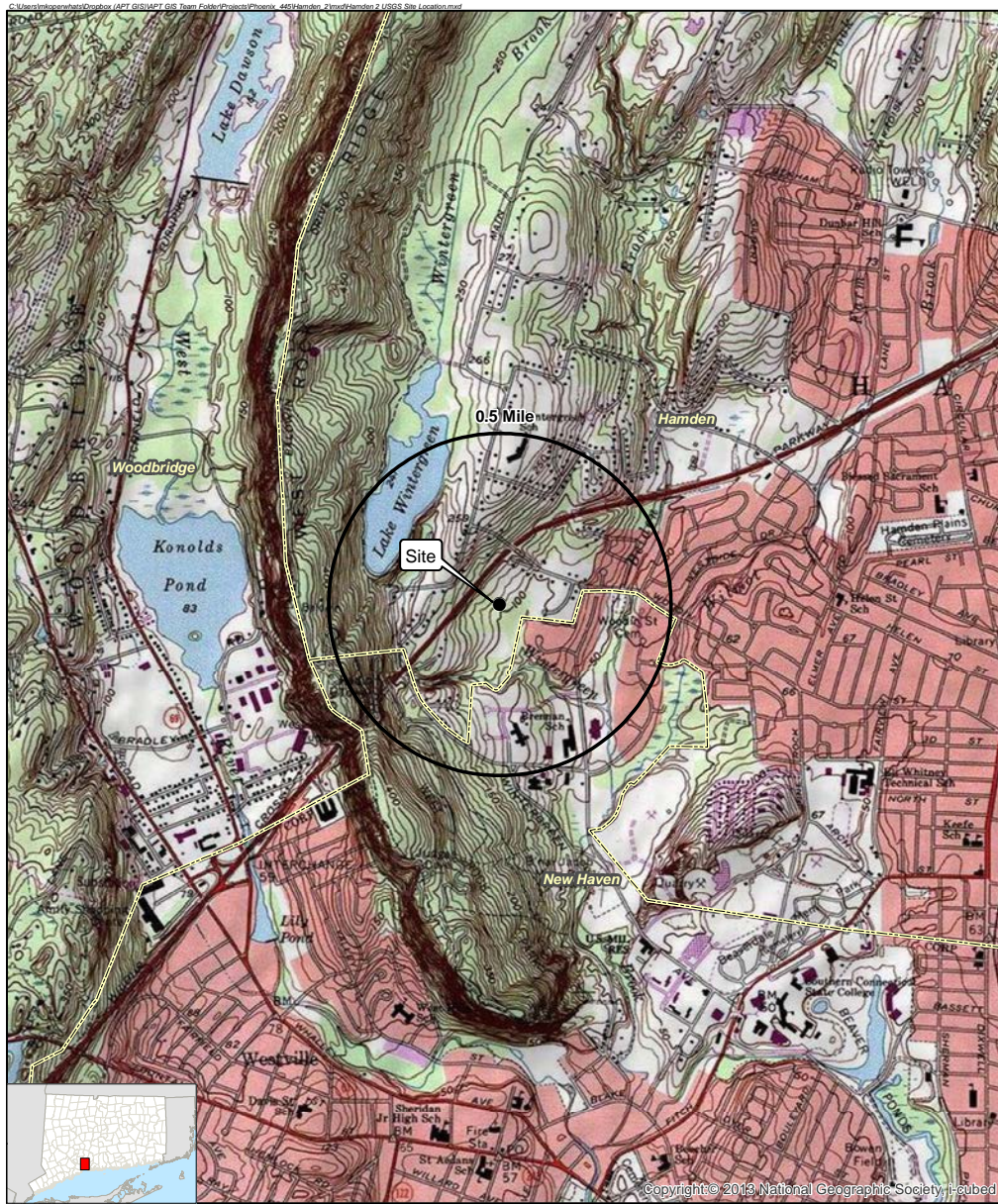


**Figure 2: Aerial Photograph and Photograph Directions Map #2.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



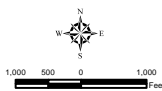
# NEW TOWER SUBMISSION PACKET – FCC FORM 620



**Legend**

- Site
- Municipal Boundary

**Map Notes:**  
 Base Map Source: USGS 7.5 Minute Topographic  
 Quadrangle Map, New Haven, CT (1984)  
 Map Scale: 1:24,000  
 Map Date: June 2016



### Site Location Map

Proposed Wireless  
 Telecommunications Facility  
 Hamden CT  
 796 Woodin Street  
 Hamden, Connecticut

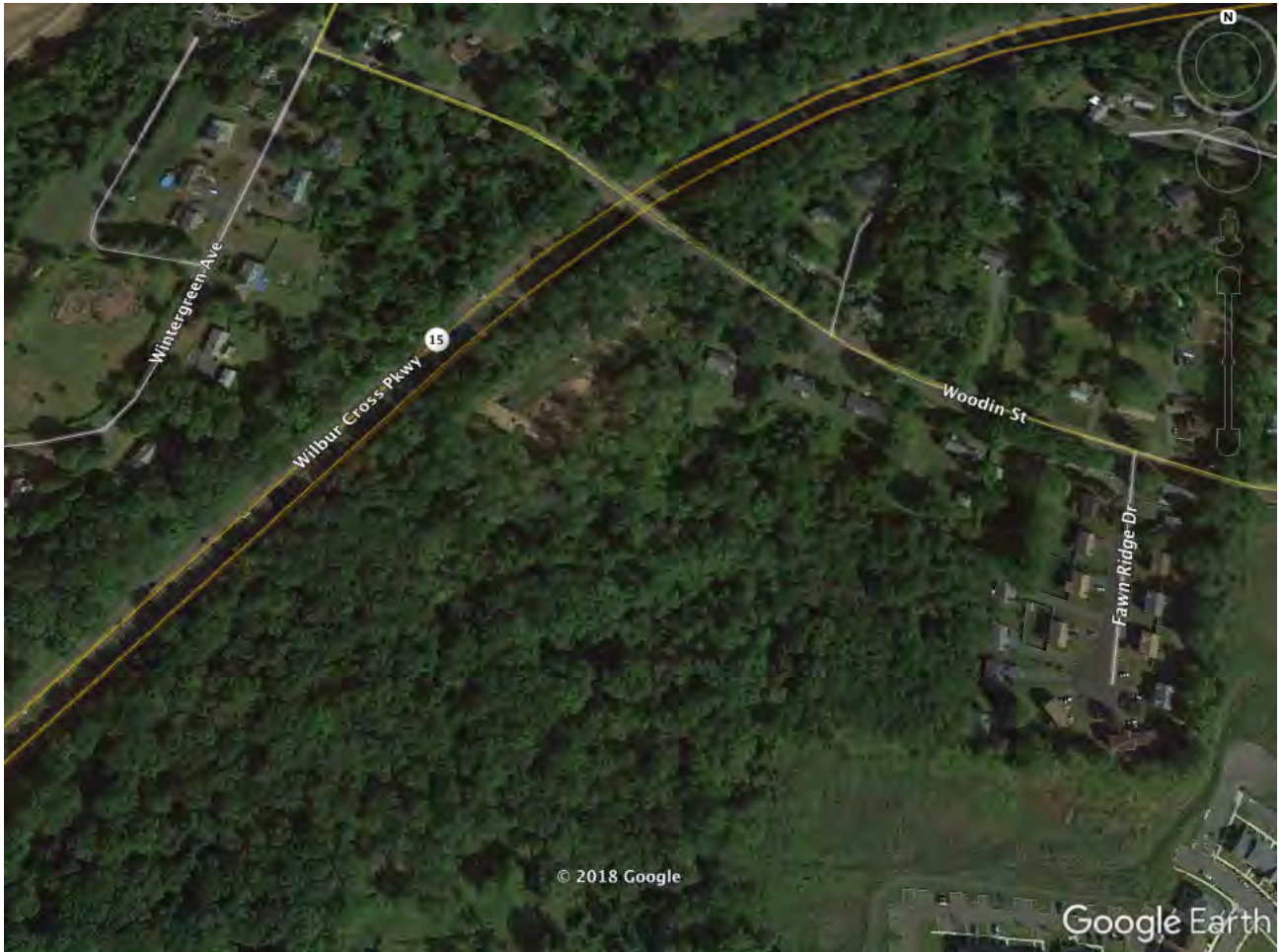


**Figure 3: Topographic and Site Map.**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



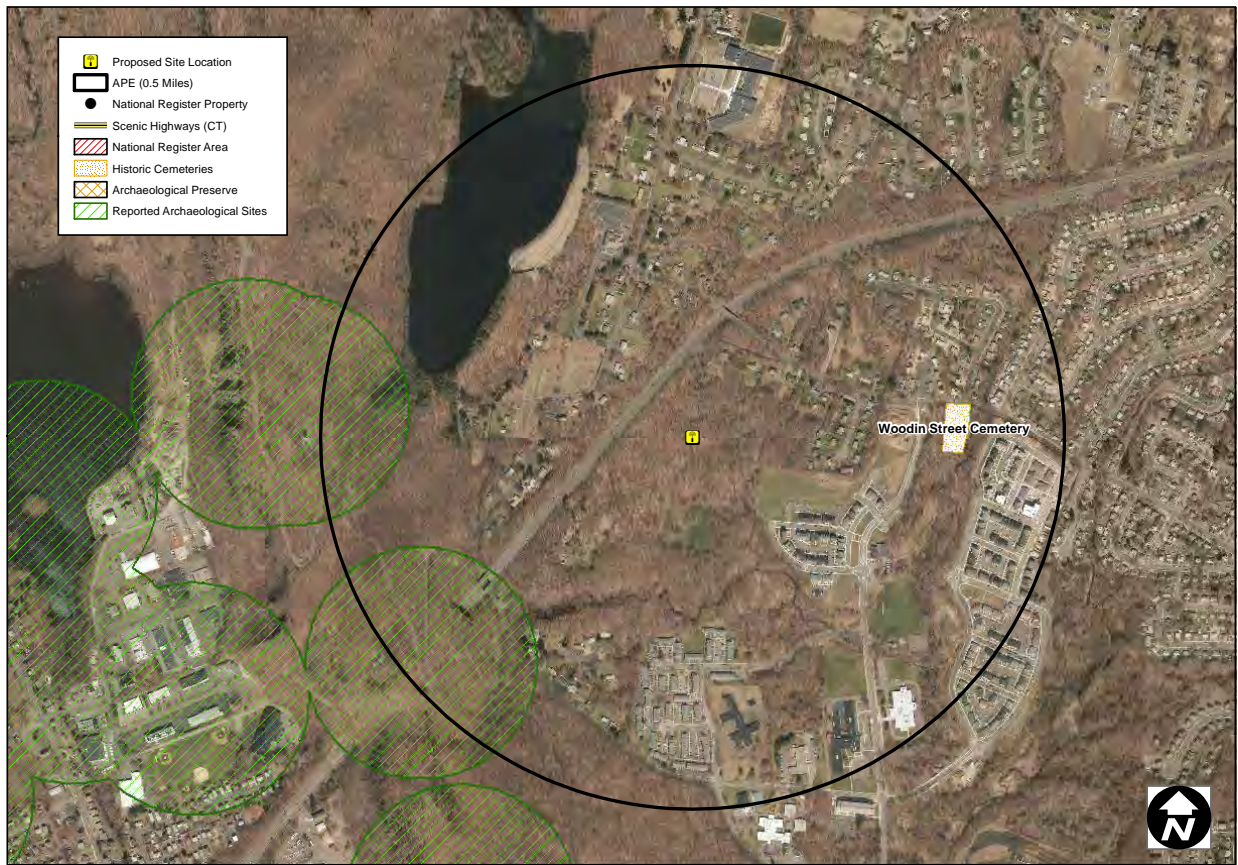
**NEW TOWER SUBMISSION PACKET – FCC FORM 620**



**Figure 4: Bird's Eye View Aerial Photograph**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

# NEW TOWER SUBMISSION PACKET – FCC FORM 620



Cultural Resources Screen  
CT445170 Hamden 2 -796 Woodin Street, Hamden CT  
January 12, 2018 \ USGS QUAD: New Haven

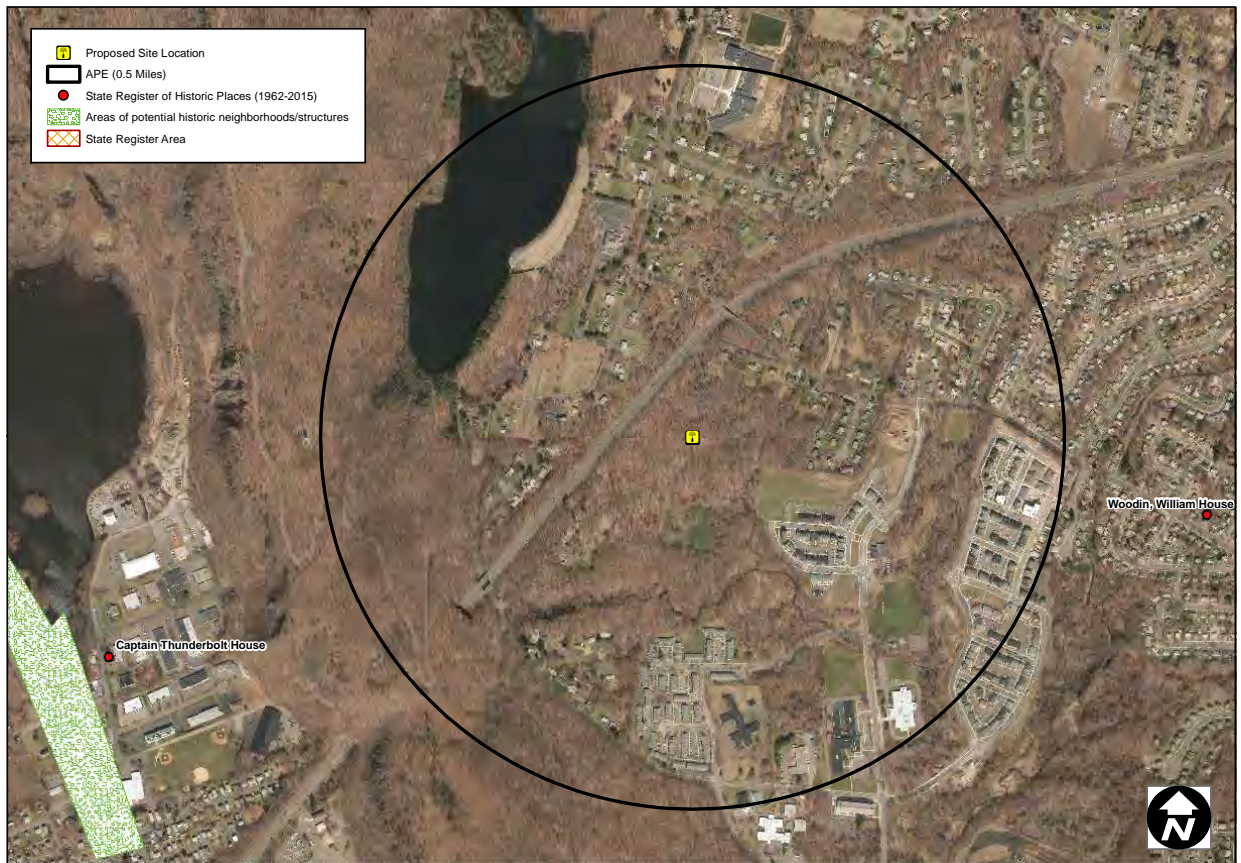
0 500 1,000 2,000 Feet  
Prepared for All-Points Technology Corp. by Heritage Consultants, 2018.

**Figure 5: Cultural Resources Screen – National**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



# NEW TOWER SUBMISSION PACKET – FCC FORM 620



Cultural Resources Screen  
CT445170 Hamden 2 -796 Woodin Street, Hamden CT  
January 12, 2018 \ USGS QUAD: New Haven

0 500 1,000 2,000 Feet  
Prepared for All-Points Technology Corp. by Heritage Consultants, 2018.

**Figure 6: Cultural Resources Screen – Local**

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



## NEW TOWER SUBMISSION PACKET – FCC FORM 620

### Attachment 4 – Site Information – Additional Site Information

#### Additional Site Information and Recommendations:

*Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site in conjunction with the proposed collocation and related facilities. Use this attachment to provide additional details needed to provide a full and accurate description of any structural alterations, additions, or other construction activities that will take place to complete the collocation.*

The Subject Property, located at 796 Woodin Street in Hamden, Connecticut, is situated south side of Woodin Street and abutting the Wilbur Cross Parkway (CT Route 15) to the west. The Project Area is located roughly 500' north of Wintergreen Brook, 2000' west of Belden Brook, and 2000' southeast of Lake Wintergreen. The Wilbur Cross Parkway passes through the Heroes Tunnel (completed 1948), a feature that allows the parkway to pass through a steep ridgeline known as West Rock Ridge, roughly 2,500' southwest of the Project Area. The parcel is the site of a single-family residence with attached garage – these built ca. 1940 and ca. 1980, respectively – that stand immediately south of an informal street identified as Old Woodin Street, which branches off Woodin Street and runs some 500' west before terminating roughly in front of the Host Property. A root cellar structure made of earth and concrete is located 50' east of the house, while several modern outbuildings (a mix of sheds and horse barns) are scattered a short distance south of the residence. A moderately-sized lawn surrounds the house, while fenced horse paddocks are located roughly 150' south of the residence. The area in the vicinity of the site remained largely wooded or agricultural as late as the 1930s, however, by the early 1950s a degree of suburban development was taking place to the east of the Subject Property, while the Wilbur Cross Parkway had been laid out to the north and west. Further residential development took place to the north, west, and south by the mid-1960s.

Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC, is proposing to construct a telecommunications facility consisting of a 120'-tall monopole with antennas situated within a 40' x 70' fenced (chain link) equipment compound and 45' x 75' lease area to be located roughly 850' south of the residence, and a 20'-wide access and utility easement and 12'-wide gravel driveway that will begin immediately west of the attached garage and continue to the southwest along the parcel's western boundary before swinging to the southeast and terminating at the proposed tower location. The antennas affixed to the proposed monopole will consist of panel antennas, these mounted in three sectors at a maximum height of 124'.

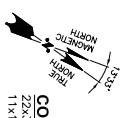
Site Plans provided by Tarpon Towers II, LLC are included in this attachment.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC

**APT Project Number:** CT445170

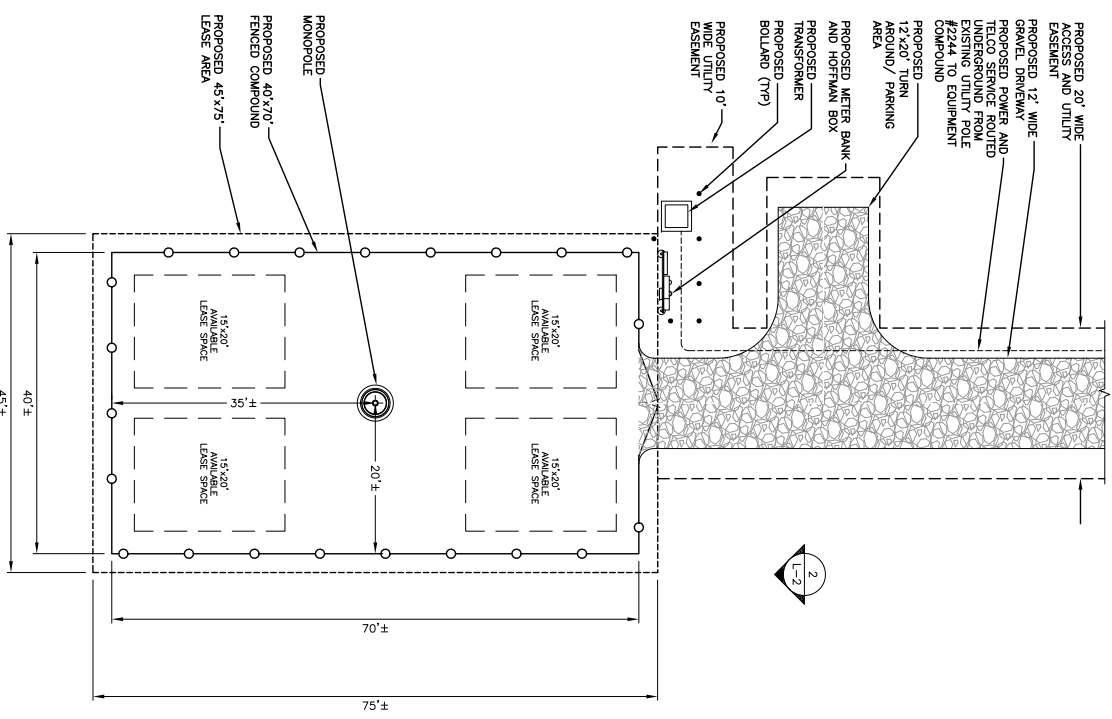
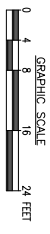
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



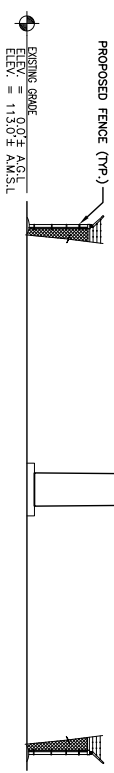
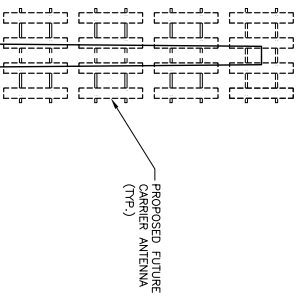


**COMPOUND PLAN**  
 22x34 SCALE: 1/8"=1'-0"  
 11x17 SCALE: 1/16"=1'-0"

1  
L-2

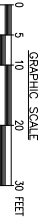


- TOP OF PROPOSED MONOPOLE  
ELEV. = 1200'± A.M.S.L.
- 9' OF PROPOSED ANTENNAS  
ELEV. = 2330'± A.M.S.L.
- 9' OF FUTURE CARRIER ANTENNAS  
ELEV. = 1200'± A.G.L.
- 6' OF FUTURE CARRIER ANTENNAS  
ELEV. = 2230'± A.M.S.L.
- 9' OF FUTURE CARRIER ANTENNAS  
ELEV. = 2100'± A.M.S.L.
- 6' OF FUTURE CARRIER ANTENNAS  
ELEV. = 2030'± A.M.S.L.



**NORTH ELEVATION**  
 22x34 SCALE: 1"=10'-0"  
 11x17 SCALE: 1"=20'-0"

2  
L-2



**LEASE EXHIBIT**  
 THIS LEASE PLAN IS DIAGRAMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE PROPOSED WIRELESS COMMUNICATION FACILITY DESIGN, THE LOCATION AND SIZE OF THE FACILITY DESIGN, AND THE LOCATION AND SIZE OF THE FACILITY DESIGN OF THE SURVEY AND FACILITY DESIGN.

**LEASE EXHIBIT**

**TARPOON TOWERS**  
 TARPOON TOWERS II, LLC  
 1001 3RD AVENUE WEST, SUITE 400  
 BRADENTON, FL 34205

**HUDSON Design Group LLC**  
 DESIGN GROUP  
 111 10TH STREET  
 N. ANDOVER, MA 01854  
 TEL: (978) 535-5533  
 FAX: (978) 536-6669

CHECKED BY: \_\_\_\_\_ DLR  
 APPROVED BY: \_\_\_\_\_ DLR

**SUBMITTALS**

REV.	DATE	DESCRIPTION	BY
5	06/06/18	ISSUED PER COMMENTS	KAM
4	06/15/18	ISSUED PER COMMENTS	KAM
3	06/16/18	ISSUED PER COMMENTS	KAM
2	03/16/18	ISSUED PER COMMENTS	SKY
1	03/15/18	ISSUED PER COMMENTS	SKY
0	02/28/18	ISSUED FOR REVIEW	AS

SITE NAME:  
**HAMDEN CT**

SITE ADDRESS:  
 796 WOODIN STREET  
 HAMDEN, CT 06514

SHEET TITLE:  
**COMPOUND PLAN**

SHEET NUMBER:  
**L-2**



## NEW TOWER SUBMISSION PACKET – FCC FORM 620

### Attachment 5 – Determination of Effect Attachments

*You are required to provide two attachments regarding the Determination of Effect: Areas of Potential Effect and Mitigation of Effect (if applicable).*

#### Areas of Potential Effect Guidelines:

##### Direct Effects

*a. Describe the APE for direct effects and explain how this APE was determined.*

The APE for Direct Effects is limited to the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed by the construction of the proposed telecommunications facility. Mr. Lucas Karmazinas, Architectural Historian with FuturePast Preservation, completed a field survey on February 21, 2018 and determined that the APE for Direct Effects is confined to the area of ground disturbance (proposed Tarpon Towers II, LLC access/utility and compound easements).

No Historic Properties<sup>1</sup> previously listed or formally deemed eligible for the National Register of Historic Places were identified within the APE for Direct Effects.

##### Visual Effects

*b. Describe the APE for visual effects and explain how this APE was determined.*

The APE for Visual Effects is the geographic area in which the Undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a Historic Property that makes it eligible for listing on the National Register. The Nationwide Programmatic Agreement governing new tower construction indicates that, unless otherwise established through consultation with the SHPO/THPO, the presumed APE for visual effects relative to the construction of new facilities is a) 0.5-mile radius for towers 200 feet or less in overall height, b) 0.75-mile radius for towers greater than 200 but no more than 400 feet in overall height; or, c) 1.5-mile radius for towers greater than 400 feet in overall height.

One (1) Historic Property previously listed or deemed eligible for the National Register of Historic Places was identified within the APE for Visual Effects. Despite the presence of this resource, the Heroes Tunnel, however, the proposed Undertaking would present No Adverse Effects on the historic property within the APE for Visual Effects. This is due to the fact that the proposed installation (a 120'-tall monopole with antennas) will not be visible from the resource and as a result will not impact its present visual setting and character, nor will it detract from the overall historic character and integrity of the tunnel. The proposed monopole will not be visible as it will be constructed on a heavily wooded parcel located more than 0.4-mile away from the Project Area, the latter situated on the side of an eastward facing slope that descends away from the Heroes Tunnel. Furthermore, heavy tree cover flanking the Wilbur Cross Parkway and covering the hillside into which the tunnel is built screens visibility from the resource towards the Project Area in all seasons.

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<sup>1</sup> The Nationwide Programmatic Agreement defines a "Historic Property" as "Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or NHO that meet the National Register criteria."

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC

**APT Project Number:** CT445170

**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

### **Mitigation of Effect Guidelines:**

*In the case where an Adverse Visual Effect or Adverse Direct Effect has been determined you must provide the following:*

- 1. Copies of any correspondence and summaries of any oral communications with the SHPO/THPO and any consulting parties.*
- 2. As of the date of this report, there has been no correspondence with the SHPO/THPO. Describe any alternatives that have been considered that might avoid, minimize, or mitigate any adverse effects. Explain the Applicant's conclusion regarding the feasibility of each alternative.*

No negative effects are expected as a result of the proposed installation; therefore, alternatives that might avoid, minimize, or mitigate any adverse effects need not be considered. As such, as of the date of this report, there has been no correspondence with the SHPO/THPO regarding mitigation of effect.

As of the date of this report, All-Points Technology has not received comments from Indian Tribes, NHOs, local governments, or members of the public that identify Historic Properties in the APE for Visual Effects that are not listed in the above list of Historic Properties.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.

## NEW TOWER SUBMISSION PACKET – FCC FORM 620

### Attachment 6 – Historic Properties Attachment

*You are required to provide two attachments regarding the Determination of Effect: Areas of Potential Effect and Mitigation of Effect (if applicable).*

File reviews of the National Register Database, Connecticut State Historic Register, and Connecticut State Historic Resource Inventory were conducted by Lucas Karmazinas, architectural historian with FuturePast Preservation, and Mr. William Keegan, Historical Geographer & GIS Specialist, with Heritage Consultants, LLC, to identify Historic Properties within the APEs for Visual and Direct Effects. Mr. Karmazinas also completed an evaluation of NRHP eligibility, according to the NRHP criteria of eligibility (36 C.F.R. Part 63), for any additional properties identified within the APE for direct or visual effects that may not have been identified during a review of the aforementioned files. The results of these reviews are discussed below, as necessary.

A Phase I Cultural Resources Reconnaissance Survey prepared by Mr. David George, archaeologist with Heritage Consultants, LLC, on June 12, 2018, for All-Points Technology corporation, P.C. is also included with these attachments.

#### **Historic Properties Identified within the APE for Direct Effects:**

- 1. List all properties identified within the APE for direct effects.*
- 2. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in part “a”, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant’s research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.*
- 3. Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects. If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.*

No Historic Properties were identified within the APE for Direct Effects.

#### **Historic Properties Identified within the APE for Visual Effects:**

- 1. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement.6*
- 2. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in part “a”, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).*

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC

**APT Project Number:** CT445170

**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

3. *For any properties listed in part “a”, that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.*

One (1) Historic Property previously listed or deemed eligible for the National Register of Historic Places was identified within the APE for Visual Effects. This is the Heroes Tunnel, formerly known as the West Rock Tunnel, a 1,200'-long, horseshoe-shaped twin barrel tunnel completed in 1949 and determined eligible for listing on the National Register of Historic Places by the Connecticut State Historic Preservation Office on April 20, 2016.

No Adverse Effects are expected as a result of the proposed facility; therefore alternatives that might avoid, minimize, or mitigate any adverse effects need not be considered.

As of the date of this report, All-Points Technology has not received comments from Indian Tribes, NHOs, local governments, or members of the public that identify Historic Properties in the APE for visual effects that are not listed in the above list of Historic Properties.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



April 20, 2016

Mr. Mark McMillan  
Office of Environmental Planning  
Department of Transportation  
2800 Berlin Turnpike  
Newington, CT 06111

Subject: Heroes Tunnel Rehabilitation (Project No. 167-108)  
Route 15 through West Rock Ridge  
Woodbridge and New Haven, Connecticut

Dear Mr. McMillan:

The State Historic Preservation Office (SHPO) has examined your review regarding potential effects to historic properties for the referenced project. SHPO understands that the Department of Transportation (DOT) plans to rehabilitate Heroes Tunnel; preliminary design plans for the preferred alternative include boring a third tunnel, rehabilitating the extant northbound tunnel in its current configuration, and rehabilitating and widening the extant southbound tunnel. The Office of Environmental Planning (OEP) at DOT completed the submitted review regarding potential project effects to historic properties during February of 2016 pursuant to the National Historic Preservation Act of 1966.

According to information maintained by the DOT, the tunnel was constructed between 1948 and 1949. SHPO concurs with OEP's conclusion that the tunnel possesses the qualities of significance for listing on the National Register of Historic Places as both a contributing element to the Wilbur Cross Parkway and as an individual property. SHPO also concurs with OEP's recommendation for a Phase I Archaeological Reconnaissance Survey of areas that might be impacted by the proposed third tunnel. All archaeological investigations should be completed in accordance with SHPO's *Environmental Review Primer for Connecticut's Archaeological Resources*. No alterations or ground disturbing activities should be initiated until SHPO has had an opportunity to review and comment upon the recommended survey.

This office appreciates the opportunity to review and comment upon this project. For additional information, please contact me at (860) 256-2764 or [catherine.labadia@ct.gov](mailto:catherine.labadia@ct.gov).

Sincerely,

Catherine Labadia  
Deputy State Historic Preservation Officer



## INTEGRATED HISTORIC PRESERVATION PLANNING

June 12, 2018

Ms. Ellen Gustafson  
All-Points Technology Corporation  
3 Saddlebrook Drive  
Killingworth, Connecticut 06419

**RE: Preliminary Archaeological Assessment of a Proposed Telecommunications Facility Located at 796 Woodin Street, Hamden, Connecticut**

Ms. Gustafson:

Heritage Consultants, LLC (Heritage), is pleased to have this opportunity to provide All-Points Technology Corporation (All-Points) with the following preliminary archaeological assessment of a proposed telecommunications facility located at 796 Woodin Street in the town of Hamden, Connecticut (Figure 1). This document represents a revised version of the original report, which was submitted on January 16, 2018. The current project entailed completion of a cultural resources summary based on the examination of data obtained from the Connecticut State Historic Preservation Office (CT-SHPO), as well as GIS data, including historical mapping, aerial photographs, and topographic quadrangles, maintained by Heritage. This investigation is based upon project location information provided to by All-Points. The objectives of this study were to gather and present data regarding previously identified cultural resources situated within 0.8 km (0.5 mi) of the proposed project area and to investigate the proposed project parcel in terms of its natural and historical characteristics so that the need for completing additional cultural resources investigations could be evaluated.

The proposed cell tower is situated in a wooded area located to the south of Woodin Street and to the east of the Wilbur Cross Parkway. The location for the proposed facility remains the same as in the January report mentioned above; however, the new alignment of the proposed access road, which was examined for current effort, is situated further to the east and in the vicinity of the Wilbur Cross Parkway. The proposed monopole will be located towards the rear or southern portion of a residential lot that contains a house (#796) facing Woodin Street to the north. The property contains several outbuildings, a horse pen, and several horses. A root cellar structure made of earth and concrete is visible to the east of the house and is located just east of the proposed access road. The landform is visibly rocky and gradually slopes to the south toward a stream gully. Lake Wintergreen is located less than 600 m (2,000 ft) to the northwest of the proposed project area. In addition, several streams are located near the project area, including Wintergreen Brook, which drains out of Lake Wintergreen, and Belden Brook. Wintergreen Brook lies within 150 m (500 ft) to the south of the project area and Belden Brook lies within 600 m (2,000 ft) to the east. The property is bound by the Wilbur Cross Parkway to the west.

A review of historic maps, aerial photographs, and topographic quadrangles depicting the proposed project area show that the road network in the region was well developed by the mid to late nineteenth century. The east-to-west alignment of Woodin Street appears to be in place in both the 1856 and 1868 historic maps (Figure 2 and Figure 3). Both maps show the “Mrs. G. Gaylord” residence on Woodin



Street as the structure closest to the current project area. Both maps also show the V. Wooding residence located north of the proposed project area. It is not known if the structures related to the Wooding and Gaylord families, as seen in the 1856 and 1868 historic maps, are still in existence; they are not listed in the National Register and they are located far enough away from the current project area that they will not be impacted.

An aerial map dating to 1934 shows the area immediately around the project area containing large agricultural fields and very little development (Figure 4). Of note, is the absence of the Wilbur Cross Parkway alignment. Planning of the Wilbur Cross Parkway did not begin until 1938. The Wilbur Cross Parkway was constructed as a northeast extension of the Wilbur Cross Parkway and begins at the Sikorsky Bridge where it crosses the Housatonic River. The Merritt Parkway extends to the Berlin Turnpike in Meriden. Roughly 750 m (2 500 ft) to the southwest of the project area, the Wilbur Cross Parkway passes through the West Rock Tunnel located in the Town of Woodbridge. The tunnel extends for a distance of roughly 350 m (1,200 ft) through a sandstone ridge and is the only tunnel that runs through a natural obstacle in the State of Connecticut. The tunnel was renamed “Heroes Tunnel” in 2003 by the State of Connecticut to honor first responders.

A 1951 aerial photograph of the proposed project area shows the Wilbur Cross Parkway alignment in place, as well as the Woodin Street bridge crossing (Figure 5). By 1951, the agricultural fields located to the east of the project area appear to be undergoing development. By 1970, a community development appears to be in place (Figure 6). Little change in the vicinity of the project area is noted for the period between 1970 and 1990 (Figure 7). By 2016, a community located just east of the proposed project area appears to have diminished in size (Figure 8). No other significant changes to the project area are noted and it appears that the parcel containing the proposed facility has not changed significantly since the mid twentieth century.

Background research for the current project also involved a review of previously identified archaeological sites in the general vicinity of the current project area. For this report, only sites located within a 0.8 km (0.5 mi) radius of the project area will be discussed. A digital map showing the location of previously identified archaeological sites near the project area show Site 93-16 located within a 0.8 km (0.5 mi) radius of the proposed project area (Figure 9). The site was reported by Dr. Cosimo Sgarlata in 1997 and it consists of a concentration of lithic debitage collected across a 15 m (45 ft) square area. The artifacts were reportedly found on the surface, and on a trail leading up to a flat area atop West Rock Ridge in the City of New Haven. The artifacts were reportedly believed to have washed down slope from above through colluvial action. The site was reported as most likely dating to the Archaic Period (10,000-2700 B.P.). Site 93-16 will not be impacted by the current proposed project.

A digital map showing the locations of previously identified National Register of Historic properties show no National Register properties located within a 0.8 km (0.5 mi) radius of the project area (Figure 10). In addition, the review of historic maps showed no historic dwellings located inside the proposed project boundaries.

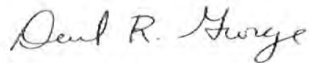
Soils located within the project area are described as Ludlow Silt Loam (40B) occurring on 3 to 8 percent slopes (Figure 11). The Ludlow series is described as moderately well drained soils formed in loamy lodgment till. They are very deep to bedrock and moderately deep to a densic contact. They are nearly level to strongly sloping soils on till plains, hills, and drumlins. Slope ranges from 0 to 15 percent. Saturated hydraulic conductivity is moderately high or high in the solum and low to moderately high in the substratum. Mean annual temperature is about 50 degrees F., and mean annual precipitation is about 47 inches. A typical soil profile in this area is as follows: Ap--0 to 8 inches; dark brown (7.5YR 3/2) silt

loam, pinkish gray (7.5YR 6/2) dry; weak coarse granular structure; friable; many fine roots; 8 percent gravel; strongly acid; clear wavy boundary; Bw1--8 to 20 inches; reddish brown (5YR 4/4) silt loam; weak coarse subangular blocky structure; friable; few fine roots; 10 percent gravel; strongly acid; gradual wavy boundary; Bw2--20 to 26 inches; dark reddish brown (5YR 3/4) silt loam; weak coarse subangular blocky structure; friable; few fine roots; 12 percent gravel; common medium distinct pinkish gray (5YR 6/2) iron depletions and common medium prominent strong brown (7.5YR 5/8) masses of iron concentration; strongly acid; clear wavy boundary; Cd--26 to 65 inches; dark reddish brown (2.5YR 3/4) gravelly loam; weak thick platy structure; very firm, brittle; thin patchy silt films and black (10YR 2/1) manganese coatings on some plates; 20 percent gravel and cobbles; few fine distinct reddish gray (5YR 5/2) iron depletions; strongly acid.

Pedestrian survey of the project area was initially completed on January 15, 2018 and then again on June 11, 2018. The latter effort included photo-documentation of the proposed new alignment for the access road and utility easement, as well as supplementary photos of the lease area (Figure 12, Photographs 1 through 8). The pedestrian survey revealed that the project area, including the revised access road alignment, will be built in an area that is very rocky and poorly drained. Further, the new access road alignment, which is covered in dense vegetation for the most part, is located in an area that contains significantly disturbed soils related to the previous construction of the Wilbur Cross, Parkway, which is located not far to the east. A review of data collected from the archives at the CT-SHPO and the pedestrian walkover, as well as archival data maintained by Heritage, revealed that the proposed project area maintains a no/low probability to contain significant cultural resources. As a result, it is the professional opinion of Heritage that the area proposed to contain the lease area, access road and utility easement does not retain the potential to yield intact cultural deposits, and no additional archaeological research of this area is recommended.

If you have any questions regarding this Technical Memorandum, or if we may be of additional assistance with this or any other projects you may have, please do not hesitate to call us at 860-667-3001 or email us [info@heritage-consultants.com](mailto:info@heritage-consultants.com). We are at your service.

Sincerely,



David R. George, M.A., R.P.A.

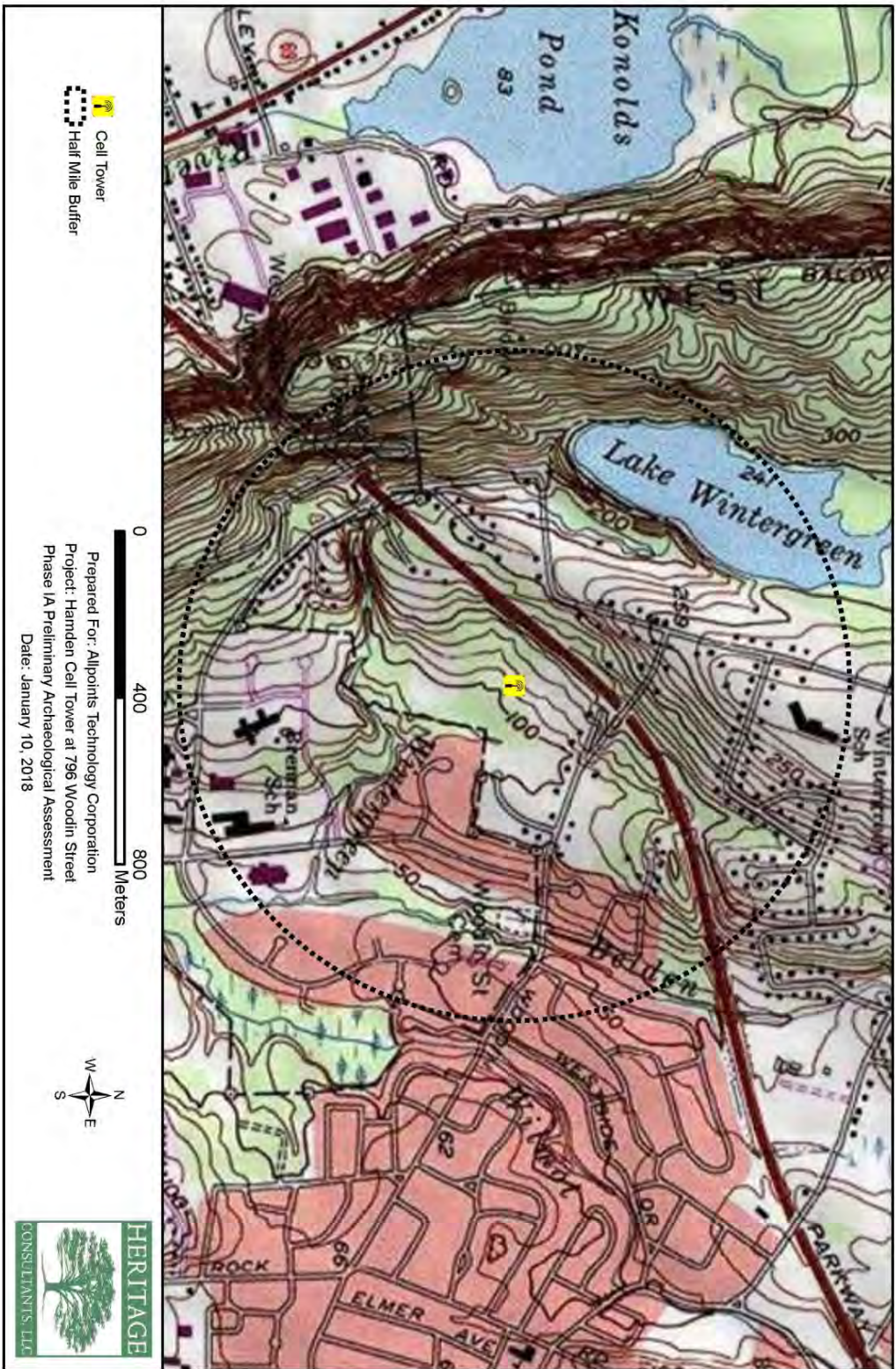


Figure 1. Excerpt from a USGS 7.5' series topographic quadrangle image showing the location of the proposed telecommunications facility in Hamden, Connecticut.



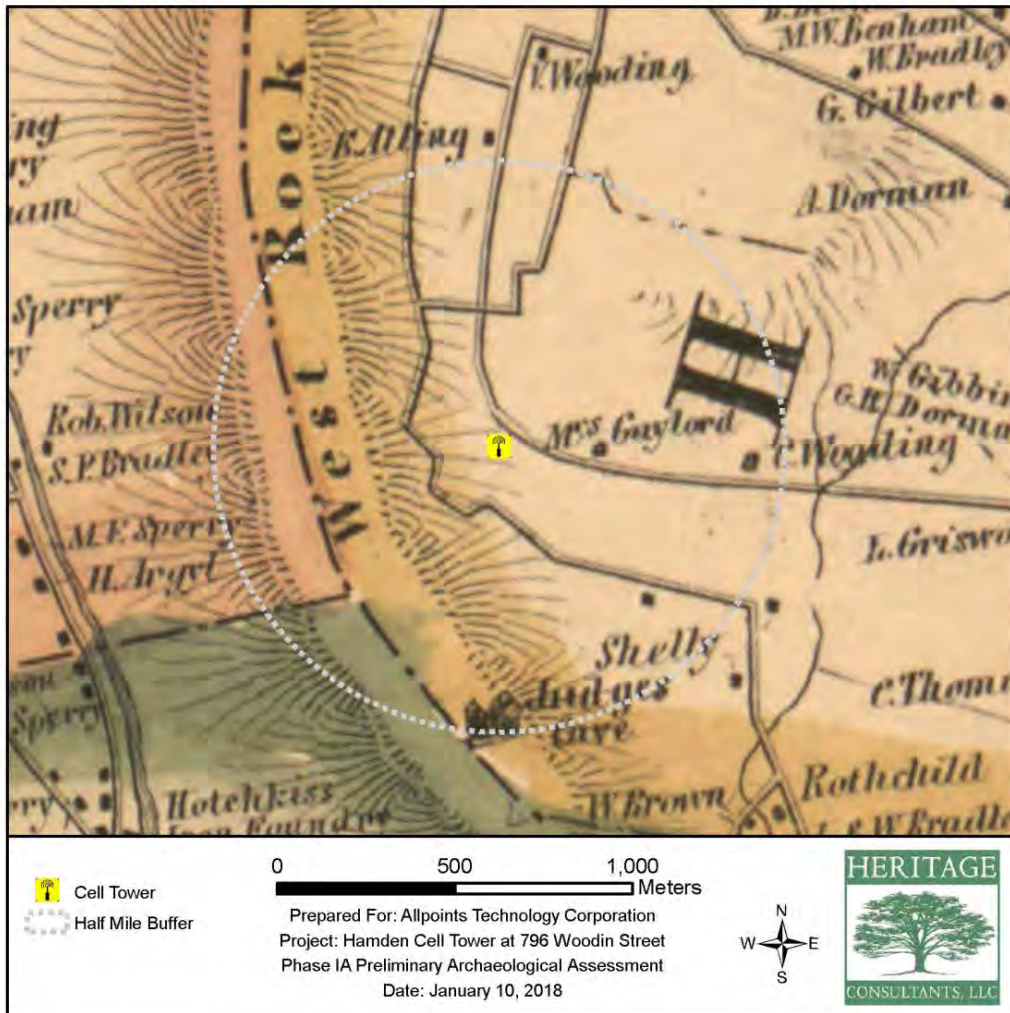


Figure 2. Excerpt from an 1856 historic map showing the location of the proposed telecommunications facility in Hamden, Connecticut.

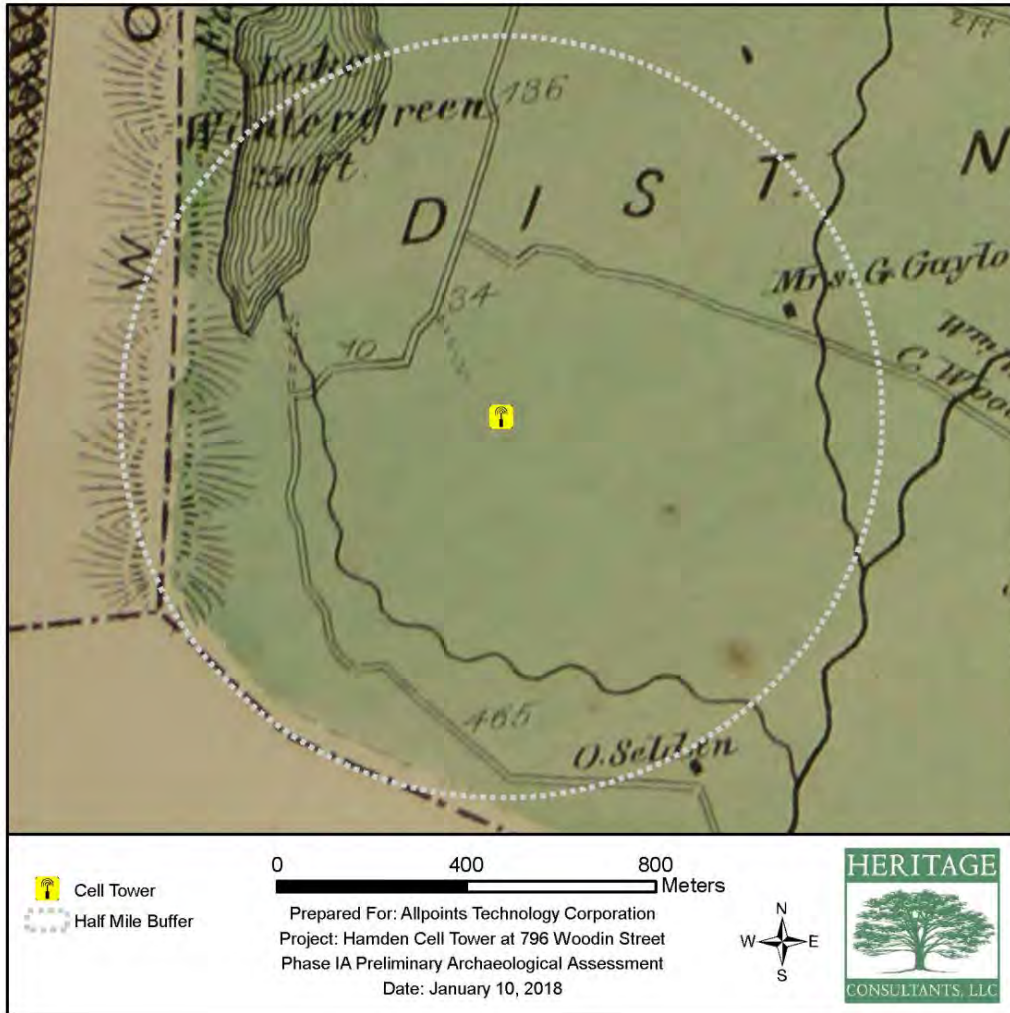


Figure 3. Excerpt from an 1868 historic map showing the location of the proposed telecommunications facility in Hamden, Connecticut.

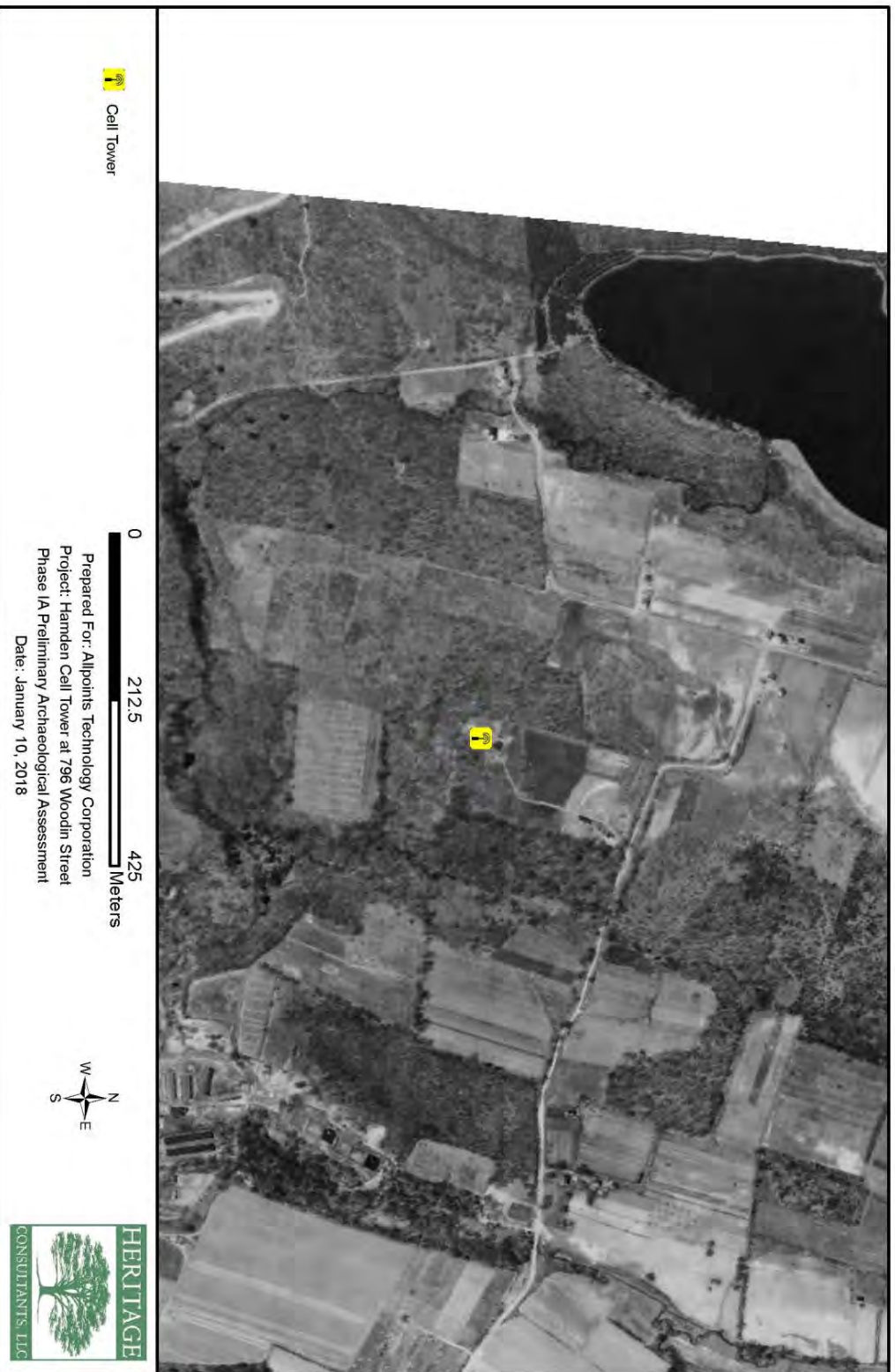


Figure 4. Excerpt from a 1934 aerial photograph showing the location of the proposed telecommunications facility in Hamden, Connecticut.



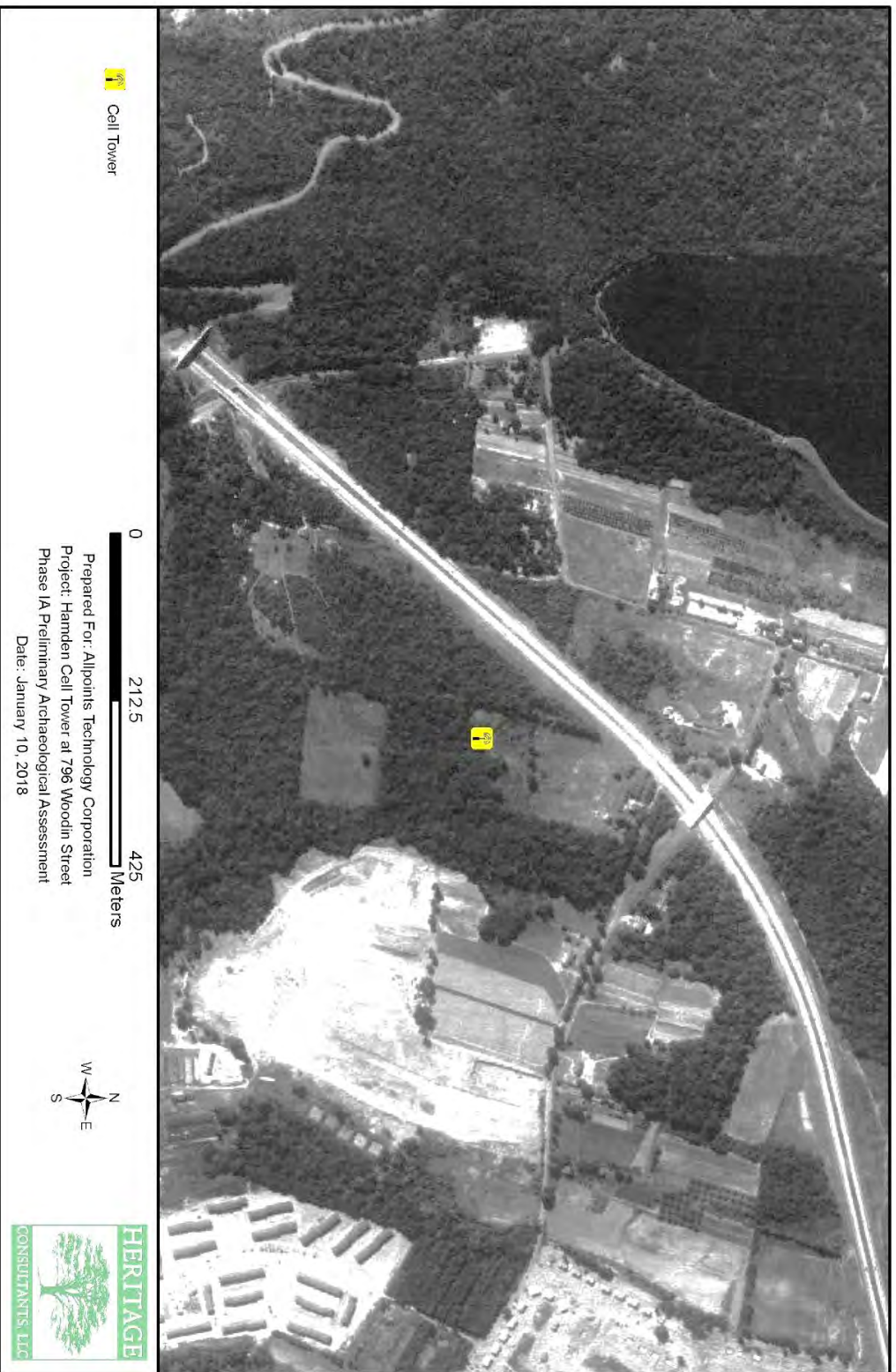


Figure 5. Excerpt from a 1951 aerial photograph showing the location of the proposed telecommunications facility in Hamden, Connecticut.



Figure 6. Excerpt from a 1970 aerial photograph showing the location of the proposed telecommunications facility in Hamden, Connecticut.



Figure 7. Excerpt from a 1990 aerial photograph showing the location of the proposed telecommunications facility in Hamden, Connecticut.



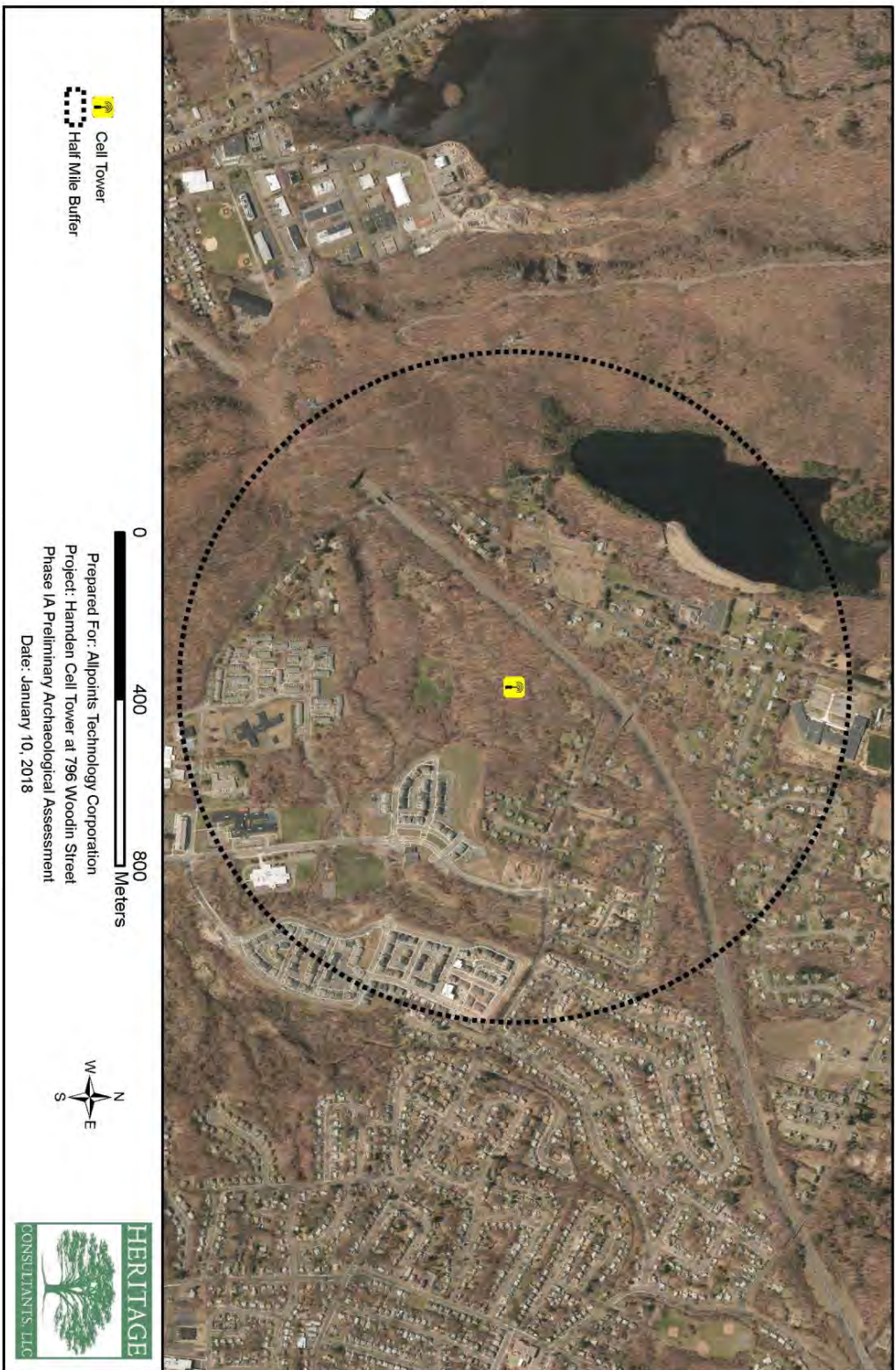


Figure 8. Excerpt from a 2016 aerial photograph showing the location of the proposed telecommunications facility in Hamden, Connecticut.

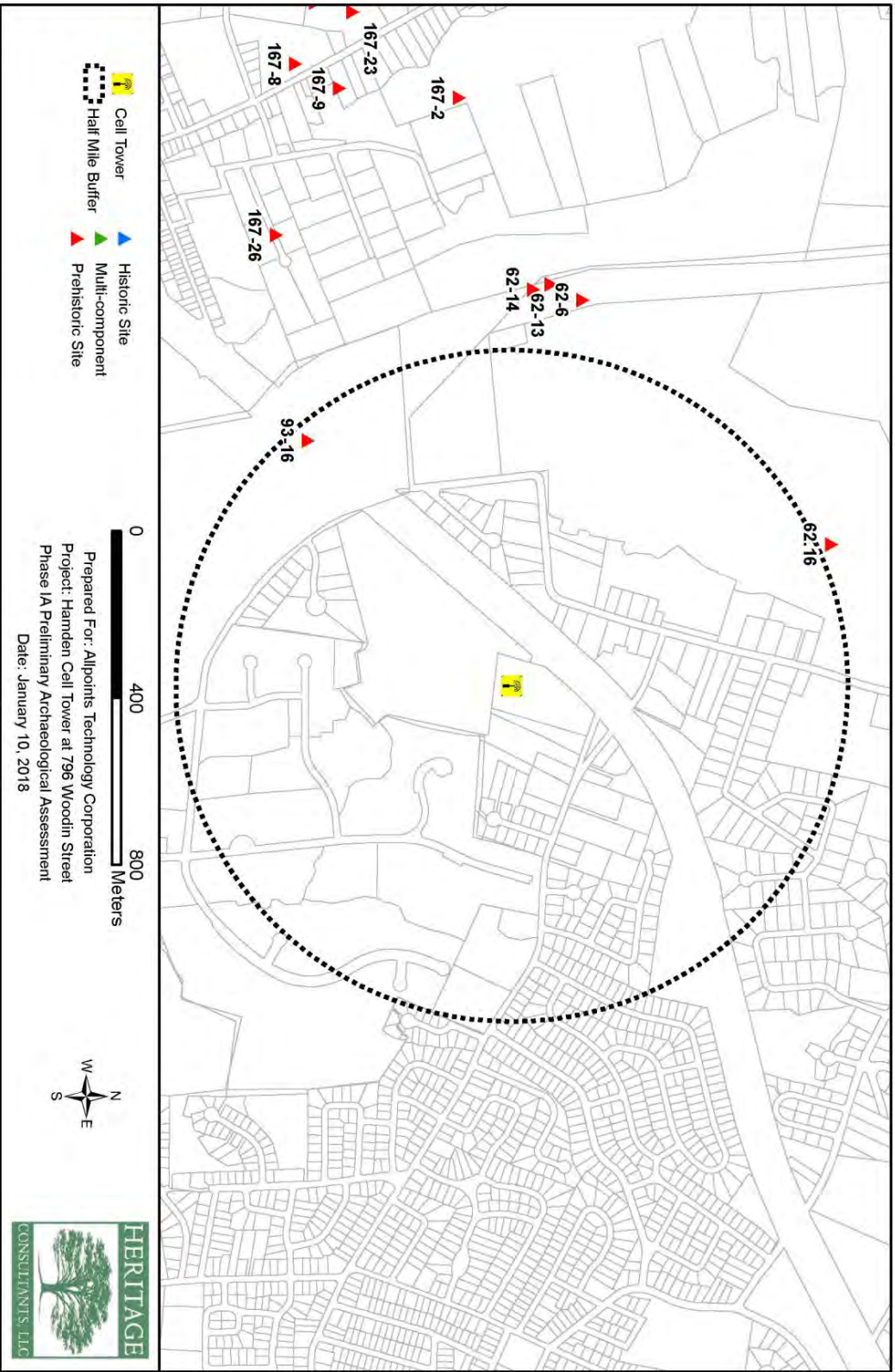


Figure 9. Digital map showing the location of previously identified archaeological sites in the vicinity of the proposed telecommunications facility in Hamden, Connecticut.



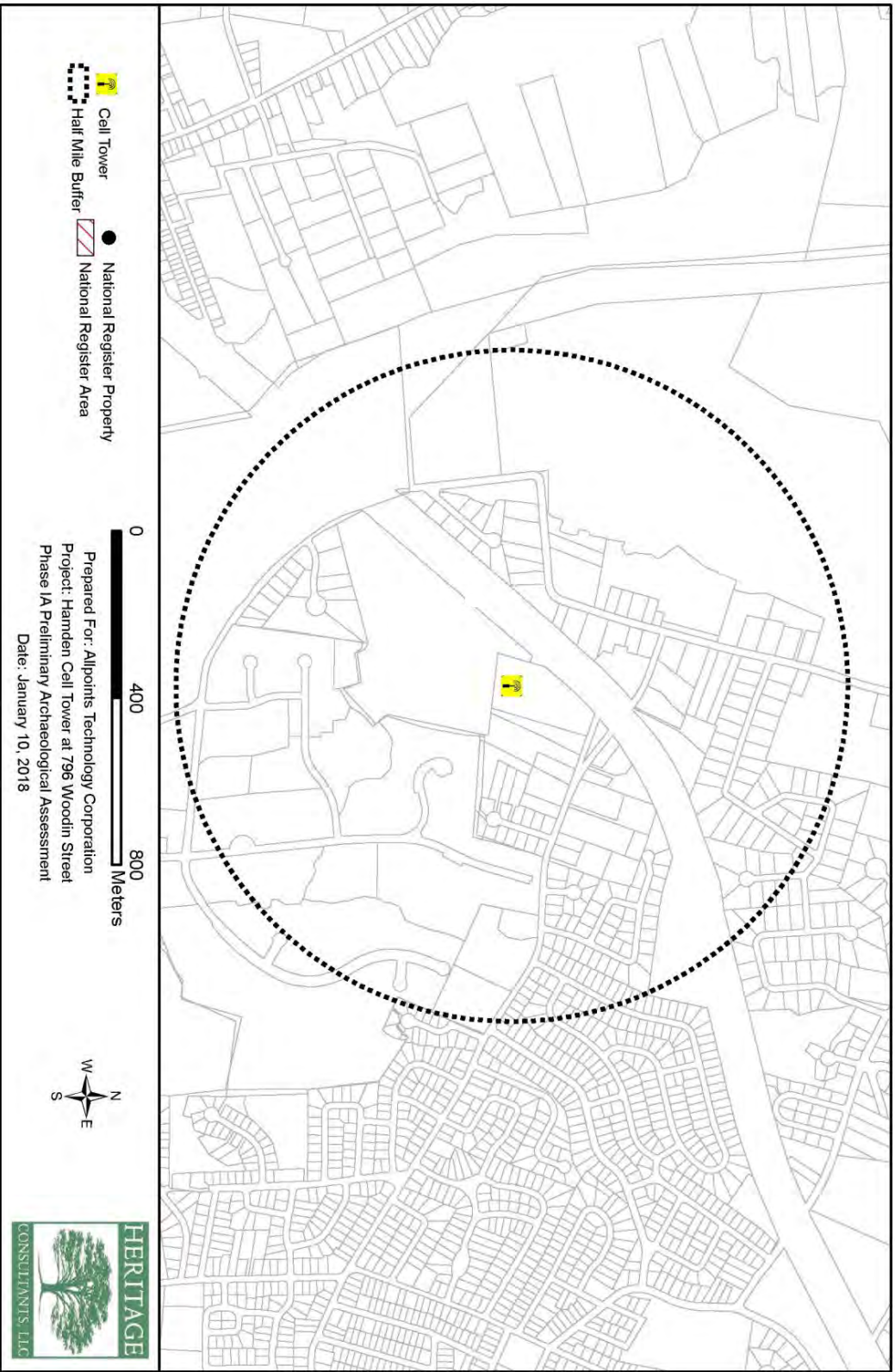


Figure 10. Digital map depicting the locations of previously identified National Register of Historic Places properties in the vicinity of the proposed telecommunications facility in Hamden, Connecticut.



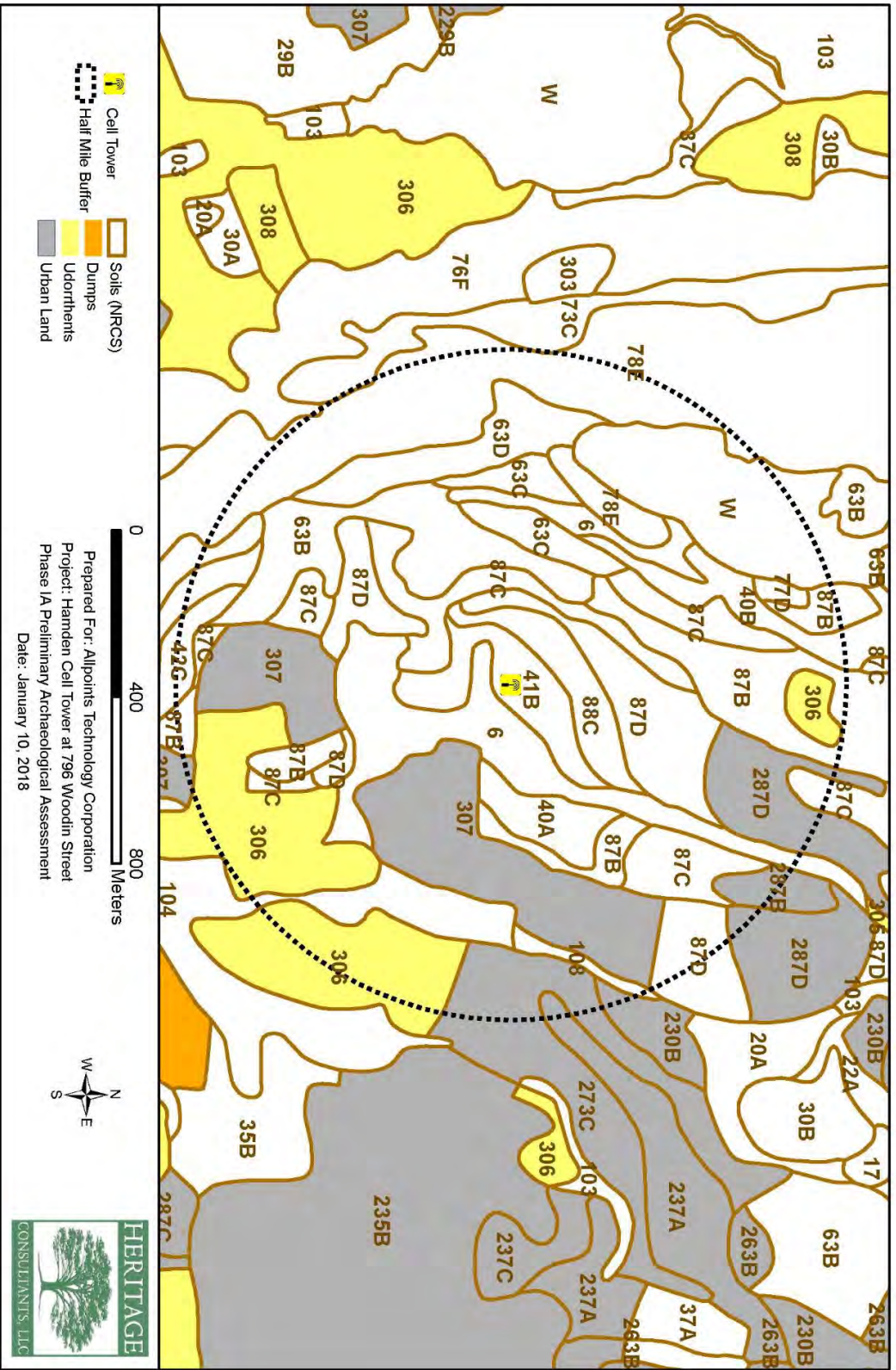


Figure 11. Digital map depicting the soil types present in the vicinity of proposed telecommunications facility in Handen, Connecticut.



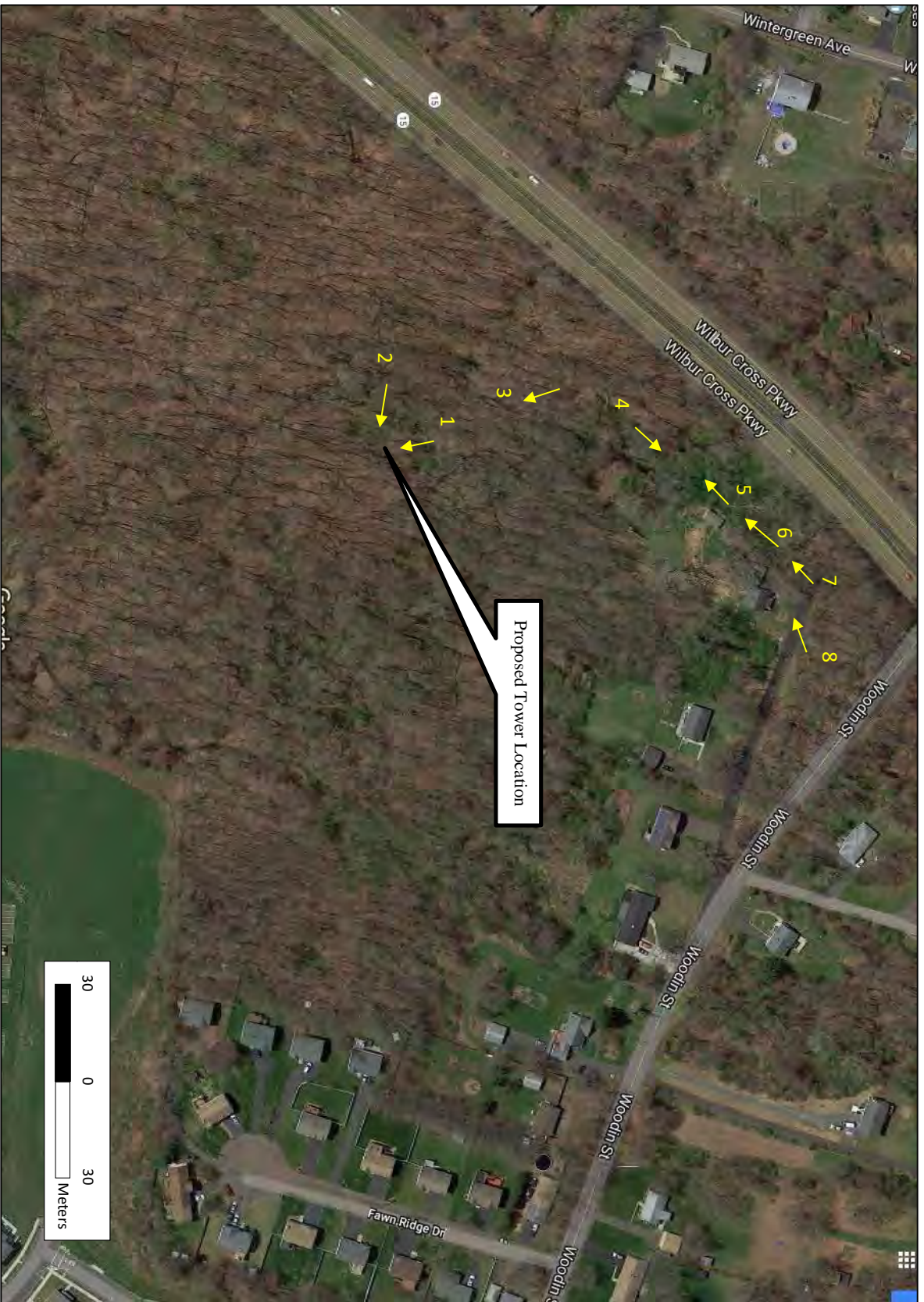


Figure 12. Excerpt from a 2016 aerial depicting the locations and directions of photos of the proposed telecommunications facility in Hamden, Connecticut.

## **NEW TOWER SUBMISSION PACKET – FCC FORM 620**

### **Attachment 7 – Tribal and NHO Involvement**

*At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (NHOs) to assist in the identification of Historic Properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the collocation within the Areas of Potential Effects (APE) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by either the FCC, the Applicant, or the Applicant's representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.*

All-Points Technology Corporation, P.C. completed the Tower Construction Notification System (TCNS) on June 8, 2018. The attached FCC Notification email lists the Tribes identified through the TCNS process. Follow up correspondence, when necessary, will be completed via the methods listed on the attached email considered acceptable to each Tribe.

**Applicant:** Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC  
**APT Project Number:** CT445170  
**Project Location:** 796 Woodin Street, Hamden, CT, 06514.



**From:** [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
**To:** [Ellen Gustafson](mailto:Ellen.Gustafson)  
**Cc:** [tcnsweekly@fcc.gov](mailto:tcnsweekly@fcc.gov)  
**Subject:** NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #5831268  
**Date:** Friday, June 15, 2018 3:05:48 AM

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Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribal Nations and NHOs. If a Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Deputy THPO Michael K Johnson - Mashantucket Pequot Tribe - 110 Pequot Trail (PO Box: 3060)  
Mashantucket, CT - [mejohanson@mptn-nsn.gov](mailto:mejohanson@mptn-nsn.gov); [mturnbull@mptn-nsn.gov](mailto:mturnbull@mptn-nsn.gov) - 860-396-7575  
Details: The Mashantucket Pequot Tribal Nation will charge a \$500.00 research fee for all proposed Cell Tower projects and, as of Monday, May 26, 2014, will also charge a \$500.00 research fee for all Positive Train Control (PTC) projects.

Please make your check payable to the "Mashantucket Pequot Tribal Nation," and mail to:

Mr. Michael Kickingbear Johnson, Deputy THPO  
Mashantucket Pequot Tribal Historic Preservation Office  
110 Pequot Trail  
Mashantucket, CT 06338  
Mashantucket, CT06338-3180

For every proposed cell tower project, and for every Positive Train Control (PTC) project, the Mashantucket Pequot Tribal Nation requires a site location map, information regarding project ground disturbance, site plans and a detailed description of the proposed site and project & a copy of any archaeology surveys completed - If the proposed project is to be located on an already existing building, we would like to be informed of that as well. The project information can accompany your check in hard copy form, or the project details may be sent electronically via E-mail. We do not process electronic checks.

After we have received the research fee, we will commence our research & review of the proposed cell tower project, and/or the Positive Train Control (PTC) project & make every effort to respond to you within thirty days.

Michael Kickingbear Johnson, Deputy THPO  
Mashantucket Pequot Tribal Historic Preservation Office  
MEJohnson@mptn-nsn.gov  
860-396-7575

If the applicant/tower builder receives no response from the Mashantucket Pequot Tribe within 30 days after notification through TCNS, the Mashantucket Pequot Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Mashantucket Pequot Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

2. Deputy THPO Elaine Thomas - Mohegan Indian Tribe - Cultural and Community Programs Dept 13 Crow Hill Road Uncasville, CT - ethomas@moheganmail.com - 860-862-6393  
Details: The Mohegan Indian Tribe of Connecticut has an interest in all Cell Tower Projects and Positive Train Control Projects that are within the State of Connecticut.

Beginning May 26, 2014 The Mohegan Indian Tribe of Connecticut will charge a \$500.00 research fee per all proposed Cell Tower Projects and Positive Train Control Projects that are within the State of Connecticut. After we have received the research fee, we will commence our research of the proposed Project. The Mohegan Tribe is interested in all notifications of proposed Cell Tower Projects and Positive Train Control Projects that are within the State of Connecticut and will respond to all notifications.

Please make checks payable to The Mohegan THPO, and include, 4990-0300, AA code 52, on all checks along with the TCNS#. Please send checks to: The Mohegan THPO c/o James Quinn, 13 Crow Hill Road, Uncasville, CT 06382.

3. Program Manager Sequahna Mars - Narragansett Indian Tribe - (PO Box: 350) Wyoming, RI - Sequahna@yahoo.com; Nithpotcns@gmail.com - 401-419-2959  
Details: NITHPO respectfully requests that additional contacts following initial TCNS notification be made via e-mail to Sequahna Mars, at Sequahna@yahoo.com.

NITHPO respectfully requests a site map (digital if possible) and photographs for all projects that involve ground disturbance.

Please note that NITHPO's current review fees are as follows:

For projects in which there is to be no ground disturbance the review fee is \$500.

For ALL projects which include ground disturbance, the review fees \$1000.

If the applicant/tower builder receives no response from the Narragansett Indian Tribe within 30 days after notification through TCNS, the Narragansett Indian Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Narragansett Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. THPO Gary Loonsfoot Jr - Keweenaw Bay Indian Community - 16429 Beartown Road . Baraga, MI - gloonsfoot@kbic-nsn.gov - 906-353-4278

Details: The KBIC THPO reviews all projects within historic homelands for the presence of cultural resources with significance to the Anishinaabe. Your request will go through a preliminary review by our THPO/NAGPRA Technician, the review consists of relevant studies submitted by the applicant regarding cultural resources documentation, in house literature search, database search and GIS search for further information. If any cultural resources are identified during this process, the file will be turned over to the Tribal Historic Preservation Officer in order to make a determination of effects.

Information required in order to complete this process are as follows:

Project Name

Project Location

Physical Address

Latitude and Longitude

State, County, Township, Range, Section quarters

Brief Project Description

Existing studies for archaeological sites, and cultural resources.

As of June 22,2018 the KBIC THPO will be charging a fee of \$750.00 per review/collocation unless the review covers more than one section of land in which case the fee is \$750.00 per section. Fees in this process cover the research and other activities required to provide you with a timely response so your project can stay on track. Please submit payment of \$750.00 for each project application submitted, checks should be made payable to KBIC THPO, 16429 Beartown Road, Baraga, Michigan 49908. Any questions can be directed to: Gary Loonsfoot Jr via email gloonsfoot@kbic-nsn.gov, or by phone: 906-353-6623 ext. 4108. (Please note that Minogheezhig Sandman-Shelifoe is no longer a contact within the KBIC-THPO office)

5. THPO and NAGPRA Representative Daisy McGeshick Ms - Lac Vieux Desert Band of Lake Superior Chippewa Indians - E23857 Poplar Circle (PO Box: 249) Watersmeet, MI - daisy.mcgeschick@lvtribal.com - 906-



358-0137

Details: Effective January 2016

ELECTRONIC TRANSFER OF MATERIALS - The Lac Vieux Desert Band of Lake Superior Chippewa (Getegitigaaning Ojibwe Nation) will go paperless.

To enable us to participate fully, Lac Vieux Desert (Getegitigaaning Ojibwe Nation) fee for such services is \$500. The fee must be submitted so that the research can be done. This will be the only item received in our office via regular USPS mail or other appropriate carriers.

At that time we will review and make our determinations with the appropriate information that we have on file with our Tribe pertaining to this area and an email response will go to the designated person at that agency.

All Collocation Projects will be handled in the same manner as new projects UNLESS the Getegitigaaning Ojibwe Nation commented on the original project.

The following information shall be emailed for each project to [daisy.mcgeschick@lvdtribal.com](mailto:daisy.mcgeschick@lvdtribal.com). The information must contain summary of the proposed ground disturbing activity, legal description of the Area of Potential Effects, (APE), Topo maps identifying the proposed area, and copies of any studies that have already been conducted regarding cultural resources and archaeology in their full format, including reports on archaeological and cultural sites identified to the email address below. All responses and tower project closures will be emailed back to the appropriate contact person for your agency.

Should you have any questions, please feel free to contact me at 906-358-0137.

Miigwetch,

Daisy McGeshick, THPO

Fee can be sent along with the requested information to:

Make Check Payable to:

Getegitigaaning Ojibwe Nation THPO

P.O. 249

Watersmeet, Michigan 49969

Office: 906-358-0137

Fax: 906-358-4850 Email: [daisy.mcgeschick@lvdtribal.com](mailto:daisy.mcgeschick@lvdtribal.com)

6. THPO Edith Leoso - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - [thpo@badriver-nsn.gov](mailto:thpo@badriver-nsn.gov); [THPOAsst@badriver-nsn.gov](mailto:THPOAsst@badriver-nsn.gov) - 715-682-7123

Details: The Bad River Tribe is interested in projects with ground disturbance, only. This includes projects on previously disturbed soils.

The Bad River Tribe's fee to process requests is \$650.00 per request.

The Bad River Tribe shows no interest after 30 days of no response.

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

7. Assistant-THPO Joseph Montano - Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin - 88385 Pike Road, HWY 13 Bayfield, WI - Joe.Montano@redcliff-nsn.gov; Marvin.Defoe@redcliff-nsn.gov - 715-779-3700 (ext: 4243)

Details: Thank you for consulting with the Red Cliff Band of Lake Superior Chippewa. Please use our TCNS consultation website (<https://redcliff-nsn.tcnsportal.com/>), provided by TCNS Portal. There is NOT a system fee to submit projects through our site. The Red Cliff \$800 consulting fees still apply. The site provides a streamlined approach making it easier and faster to upload the requested information as well as receive responses in a timelier manner. More information can be found <https://redcliff-nsn.tcnsportal.com/Home/PoliciesAndProcedures>.

#### Account Setup

If you have not received an invite to setup an account or have not previously setup an account, request one at <https://redcliff-nsn.tcnsportal.com/Home/Signup>. You will receive an email once your account has been approved.

#### Project Submission

Once your account has been approved, submit one or more projects for review by following these steps:

1. Login to the site at <https://redcliff-nsn.tcnsportal.com/Home/Login>.
2. Click the Add Tower button in the upper left side of the screen.
3. Input the TCNS number, select the appropriate Tower Type, and click the Next button.
4. Input and upload all of the requested information. When ready to submit the project for review, proceed to the Cart.
5. From the Cart, select one or more projects to submit, and click the Submit button.

#### Additional Information

The following information is provided for your reference:

1. Policies and Procedures (<https://redcliff-nsn.tcnsportal.com/Home/PoliciesAndProcedures>)
2. Geographical Areas of Interest (<https://redcliff-nsn.tcnsportal.com/Home/CountyList>)
3. Frequently Asked Questions (<https://redcliff-nsn.tcnsportal.com/Home/FAQHelp>)
4. Section 106 Help (<https://redcliff-nsn.tcnsportal.com/Home/Section106Help>)

#### Contact Information

If you have questions concerning the consultation process, please contact our TCNS Administrator, at <https://redcliff-nsn.tcnsportal.com/Home/ContactTribalRepresentative> or (715) 779-3700 Ext 4242. If you have questions regarding the function of the site, please email [support@tcnsportal.com](mailto:support@tcnsportal.com).

8. THPO Melinda J Young - Lac du Flambeau Band of Lake Superior Chippewa Indians - Tribal Historic Preservation Office (PO Box: 67) Lac du Flambeau, WI - [ldfthpo@ldftribe.com](mailto:ldfthpo@ldftribe.com) - 715-588-2139

9. Dr. Brice M Obermeyer - Delaware Tribe of Indians of Oklahoma - 1 Kellog Drive Roosevelt Hall, Room 212 Emporia, KS - bobermeyer@delawaretribe.org; sbachor@delawaretribe.org - 620-341-6699  
Details: Per Tribal Resolution 2015-41, the Delaware Tribe of Indians has resolved that all FCC regulated tower projects (including PTC towers) must have a fee submitted prior to the review at the fee of \$1,000 for new construction and \$500 for collocations. As of this notice, the Delaware Tribe wishes to receive notice and payment for all projects, including those that do not involve ground disturbance.

For all review requests, the fee should be included with the mailed notification packet. Notifications should include a cover letter describing the project and a topographic map depicting the project's location.

Please send all notifications and checks for projects located in the states of Connecticut, Delaware, Massachusetts, Maryland, New York, New Jersey, Pennsylvania, and Virginia to the following address:

Susan Bachor  
DTHPO Special Assistant Eastern Office  
P.O. Box 64  
Pocono Lake, PA 18347  
temple@delawaretribe.org

For projects located in the states of Illinois, Indiana, Michigan, Ohio, West Virginia please send all notifications and checks to the following address:

Larry Heady  
DTHPO Special Assistant Midwestern Office  
1929 E. 6th Street  
Duluth, MN 55812  
(262) 825-7586  
lheady@delawaretribe.org

For projects located in the states of Kansas, Missouri, and Oklahoma please send all notifications and checks to the following address:

Brice Obermeyer  
DTHPO Director, Main Office  
Rm 212 Roosevelt Hall  
1 Kellogg Drive  
Emporia State University  
Emporia, KS 66801

Thank you.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.



10. SHPO Cara Metz - Massachusetts Historical Commission - 220 Morrissey Boulevard Boston, MA - cara.metz@sec.state.ma.us - 617-727-8470

11. Deputy SHPO Jeffrey Emidy - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - jeffrey.emidy@preservation.ri.gov - 401-222-4134

12. SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Old State House 150 Benefit St Providence, RI - rgreenwood@preservation.ri.gov - 401-222-4130

13. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - One Constitution Plaza Hartford, CT - karen.senich@ct.gov - 860-256-2753

"Exclusions" above set forth language provided by the Tribal Nation or SHPO. These exclusions may indicate types of PTC wayside pole notifications that the Tribal Nation or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. Exclusions may also set forth policies or procedures of a particular Tribal Nation or SHPO (for example, types of information that a Tribal Nation routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. If you learn any of the above contact information is no longer valid, please contact the FCC. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 06/08/2018  
Notification ID: 173347  
Tower Owner Individual or Entity Name: Tarpon Towers II  
Consultant Name: Ellen Gustafson Mrs  
Street Address: 3 Saddlebrook Drive  
City: Killingworth  
State: CONNECTICUT  
Zip Code: 06419  
Phone: 860-663-1697  
Email: egustafson@allpointstech.com

Structure Type: MTOWER - Monopole  
Latitude: 41 deg 20 min 59.2 sec N  
Longitude: 72 deg 57 min 45.3 sec W  
Location Description: 796 Woodin Street  
City: Hamden  
State: CONNECTICUT  
County: NEW HAVEN

Detailed Description of Project: Tarpon Towers II, LLC represented by Phoenix Partnership LLC proposes to build a 120' tall monopole communications tower. Please see attached 2-C and site plans for additional details.

Ground Elevation: 34.4 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 37.8 meters above ground level

Overall Height AMSL: 72.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,  
Federal Communications Commission

## NEW TOWER SUBMISSION PACKET – FCC FORM 620

### Attachment 8 – Local Government, Other Consulting Parties, and Public Notice

1. *If any local government been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Programmatic Agreement, list the local government agencies contacted. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices).*

All-Points Technology Corporation, P.C. contacted relevant local government agencies on June 12, 2018. The respective correspondence is attached.

2. *If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.*

N/A.

3. *List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.*

N/A.

4. *You are required to provide a Public Notice Attachment.*

Attached, please find a copy of the legal notice regarding the proposed telecommunications installation that was posted in the *Hartford Courant* on June 13, 2018. As of the date of this submission packet, no comments regarding this notice have been received by All-Points Technology Corporation, P.C. Should a response be received, copies will be forwarded to all consulting parties as an addendum to this submission packet.





Date: June 12, 2018

To: Mayor Curt B. Leng  
Hamden Government Center  
2750 Dixwell Avenue  
Hamden, CT 06518  
203-287-7100  
cleng@hamden.com

Re: Proposed Monopole Telecommunications Facility Installation  
796 Woodin Street  
Hamden, New Haven County, CT 06514

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To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC (referred to herein as Phoenix) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect it may have on historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, APT is submitting this notification to the Town of Hamden Offices of the Mayor, Planning and Zoning Department, Historic Properties Commission and the Certified Local Government Representative (CLG).

Phoenix is proposing to build a 120' tall Monopole Telecommunications Facility within a 40'x70' fenced equipment compound area inside a 45'x75' lease area on property located at 796 Woodin Street, in Hamden, CT. A proposed 20' wide access/utility easement would originate off of Woodin Street with proposed power and telco service routed underground from existing utility pole #2244. The overall height of the proposed facility with antennas would be  $\pm 124'$  above ground level (AGL).

The purpose of this letter is to notify you that the revised public notice of this proposed facility will be published in the Hartford Courant newspaper on June 13, 2018 and to invite comments regarding any potential effects that the proposed facility may have upon historic properties from relevant individuals or groups that you may be aware of.

Public comments regarding potential effects on historic properties may be submitted in writing within 30-days from the date of this publication to: All-Points Technology Corporation at 3 Saddlebrook Drive, Killingworth, CT 06419, to the attention of Ellen Gustafson, (860) 663-1697 ext. 214, egustafson@allpointstech.com. Please respond within 30 days if you wish to comment.



Date: June 12, 2018

To: Mr. Daniel W. Kops, Jr., Town Planner  
Hamden Government Center  
2750 Dixwell Avenue  
Hamden, CT 06518  
203-287-7070  
dkops@hamden.com

Re: Proposed Monopole Telecommunications Facility Installation  
796 Woodin Street  
Hamden, New Haven County, CT 06514

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To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC (referred to herein as Phoenix) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect it may have on historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, APT is submitting this notification to the Town of Hamden Offices of the Mayor, Planning and Zoning Department, Historic Properties Commission and the Certified Local Government Representative (CLG).

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Date: June 12, 2018

To: Certified Local Representative  
Town of Hamden  
2750 Dixwell Avenue  
Hamden, CT 06518  
203-287-7032

Re: Proposed Monopole Telecommunications Facility Installation  
796 Woodin Street  
Hamden, New Haven County, CT 06514

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**ALL-POINTS TECHNOLOGY CORPORATION, P.C.**

3 SADDLEBROOK DRIVE · KILLINGWORTH, CT 06419 · PHONE 860-663-1697 · FAX 860-663-0935

---





Date: June 12, 2018

To: Mr. Todd Levine, Chairman  
Historic Properties Commission  
Hamden Government Center  
2750 Dixwell Avenue  
Hamden, CT 06518  
203-287-7000  
Todd.levine@ct.gov

Re: Proposed Monopole Telecommunications Facility Installation  
796 Woodin Street  
Hamden, New Haven County, CT 06514

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To comply with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, Tarpon Towers II, LLC, represented by Phoenix Partnership, LLC (referred to herein as Phoenix) has retained All-Points Technology Corporation, P.C. (APT) to evaluate proposed tower facilities for any adverse effect it may have on historic properties. As part of this evaluation, and in conformance with the Nationwide Programmatic Agreement (NPA) for review of effects on historic properties for proposed undertakings, APT is submitting this notification to the Town of Hamden Offices of the Mayor, Planning and Zoning Department, Historic Properties Commission and the Certified Local Government Representative (CLG).

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**ALL-POINTS TECHNOLOGY CORPORATION, P.C.**

3 SADDLEBROOK DRIVE · KILLINGWORTH, CT 06419 · PHONE 860-663-1697 · FAX 860-663-0935

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**AFFIDAVIT OF PUBLICATION**

State of Connecticut

June 13, 2018

County of Hartford

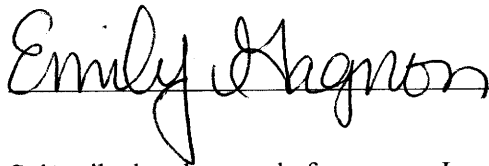
I, Emily Gagnon, do solemnly swear that I am a Sales Assistant of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

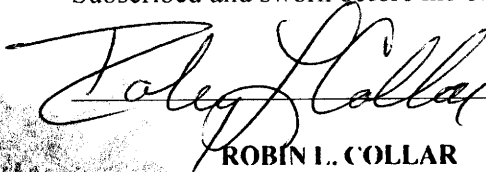
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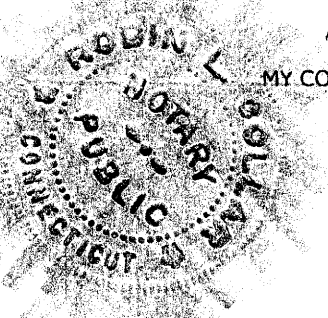
\$43.49  
All-Points Technology Corporation - CU00316216  
5659439  
Full Run

 Sales Assistant,  
Emily Gagnon

Subscribed and sworn before me on June 13, 2018

 Notary Public

ROBIN L. COLLAR  
NOTARY PUBLIC  
MY COMMISSION EXPIRES MAR 31, 2021



# Hartford Courant

media group

## PUBLIC NOTICE

Terpon Towers II, LLC represented by Phoenix Partnership, LLC is proposing to build a  $\pm 120'$  tall Monopole Telecommunications Tower facility located at 796 Woodin Street, Hamden, New Haven County, CT 06514. The overall height of the proposed installation will be  $\pm 124'$  above ground level.

Public comments regarding potential effects from this site on historic properties may be submitted in writing within 30-days from the date of this publication to: All-Points Technology Corporation at 3 Saddlebrook Drive, Killingworth, CT 06419, to the attention of Ellen Gustafson, (860) 663-1697 ext. 214, [egustafson@allpointstech.com](mailto:egustafson@allpointstech.com).





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117,000 miles, 4 door, 5 speed

Office Space / Retail
WETHERFIELD Prime office space

Auto & SUV's
BMW 325i Conv. 2004
55995 \$ ex. inc. inc. taxes and AC

ANTIQUE & OLD STUFF WANTED
All Curbside, Call 860-874-8390

BUYING MACHINERY TOOLS
Book & Coin-operated machine

CITY RECYCLING
Will buy your used, copper

Announcements
Lost/Found
Impound - #324 Chn X F brown &

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Business Opportunities
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CHEVROLET 1980 LT 2008
\$14,500 - 4DR, leather, wood trim

Office Space / Retail
WETHERFIELD Prime office space

Auto & SUV's
BMW 325i Conv. 2004
55995 \$ ex. inc. inc. taxes and AC

ANTIQUE & OLD STUFF WANTED
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BUYING MACHINERY TOOLS
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Hartford Courant
media group
Publication Date: 06/13/2018

Get more movies, kids shows
and all-time TV favorites with...
this TV
The network with the movies
and shows your family will love
now available on Comcast and
over the air on channel 20.2



July 26, 2018

Ms. Ellen Gustafson  
Administrative Assistant  
All Points Technology Corp.  
3 Saddlebrook Drive  
Killingworth, CT 06419

Subject: Phase IB Cultural Resource Reconnaissance Survey  
Proposed Wireless Telecommunications Facility  
796 Woodin Street  
Hamden, CT

Dear Ms. Gustafson:

The State Historic Preservation Office (SHPO) has reviewed the archeological survey report prepared by Heritage Consultants, LLC (Heritage), dated July 2018. The proposed activities are subject to review by this office pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission regulations. SHPO understands that the proposed undertaking includes the installation of a 120 foot tall monopole with antennas, mounted in three sectors at a maximum height of 124 feet above ground level (AGL), installed within a 40' by 70' fenced compound, and accessed by a 12' wide access drive originating west of the attached garage of the existing residence. The submitted report is well-written, comprehensive, and meets the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*.

796 Woodin Street is located within a 0.5 mile radius of Heroes Tunnel, formerly the West Rock Tunnel, which was determined to be eligible for listing on the National Register of Historic Places by our office in a letter dated April 20, 2016.

Phase IB of the reconnaissance survey consisted of subsurface testing of areas that would be subject to ground disturbing impacts as part of the proposed undertaking. A total of 23 of 24 planned shovel tests were excavated successfully throughout the proposed work area. Of the 23 shovel tests, 5 yielded cultural material from historic periods.

The majority of historic material was recovered from Stratum I, a disturbed A-Horizon deposit, and are representative of typical items used between the early- and mid-twentieth century. These types of artifacts are indicative of agricultural/domestic use of the site, and do not possess any unique characteristics or research potential, and thus are not eligible for listing in the National Register of Historic Places "National Register."

State Historic Preservation Office

450 Columbus Boulevard, Suite 5 | Hartford, CT 06103 | P: 860.500.2300 | [Cultureandtourism.org](http://Cultureandtourism.org)

*An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender*



As a result of the information submitted, SHPO concurs with the findings of the report that additional archeological investigations of the project areas are not warranted and that there will be no adverse effect to sites listed on or eligible for listing on the National Register of Historic Places, with the following conditions:

1. The antennas and associated equipment will be designed, painted to match adjacent materials, and installed to be as non-visible as possible, and
2. if not in use for six consecutive months, antennas, microwave dish, and all other equipment shall be removed by the telecommunications facility owner. This removal shall occur within 90 days of the end of such six-month period.

Please also submit two bound copies of the Phase IB Survey be submitted to this office for archiving and public access.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. These comments are provided in accordance with the Connecticut Environmental Policy Act and Section 106 of the National Historic Preservation Act. For further information please contact Marena Wisniewski, Environmental Reviewer, at (860) 500-2357 or [marena.wisniewski@ct.gov](mailto:marena.wisniewski@ct.gov).

Sincerely,



Mary B. Dunne  
Deputy State Historic Preservation Officer

State Historic Preservation Office

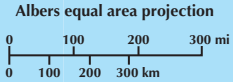
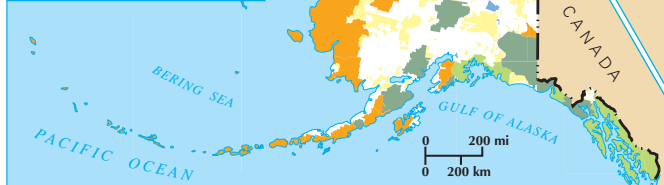
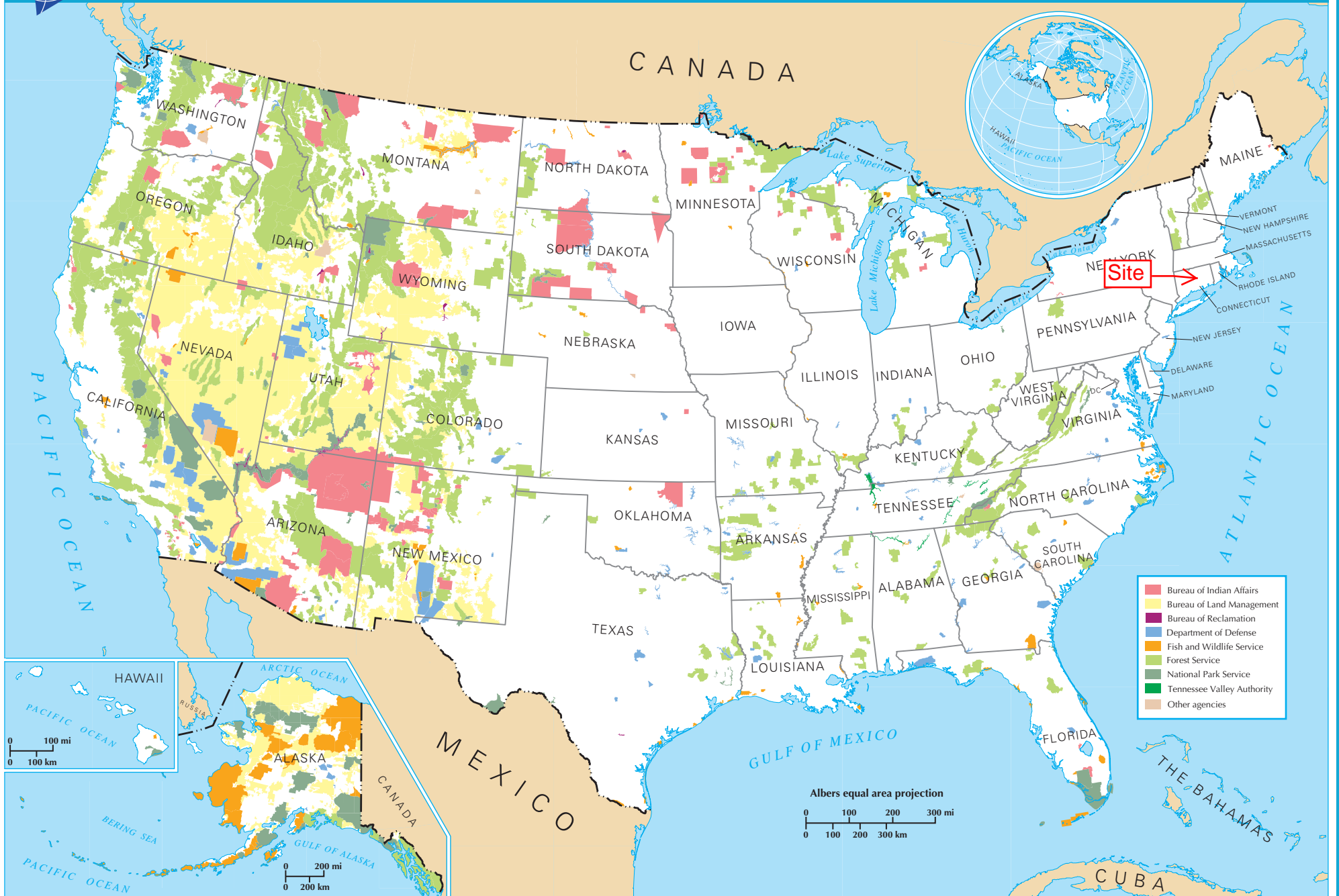
450 Columbus Boulevard, Suite 5 | Hartford, CT 06103 | P: 860.500.2300 | [Cultureandtourism.org](http://Cultureandtourism.org)

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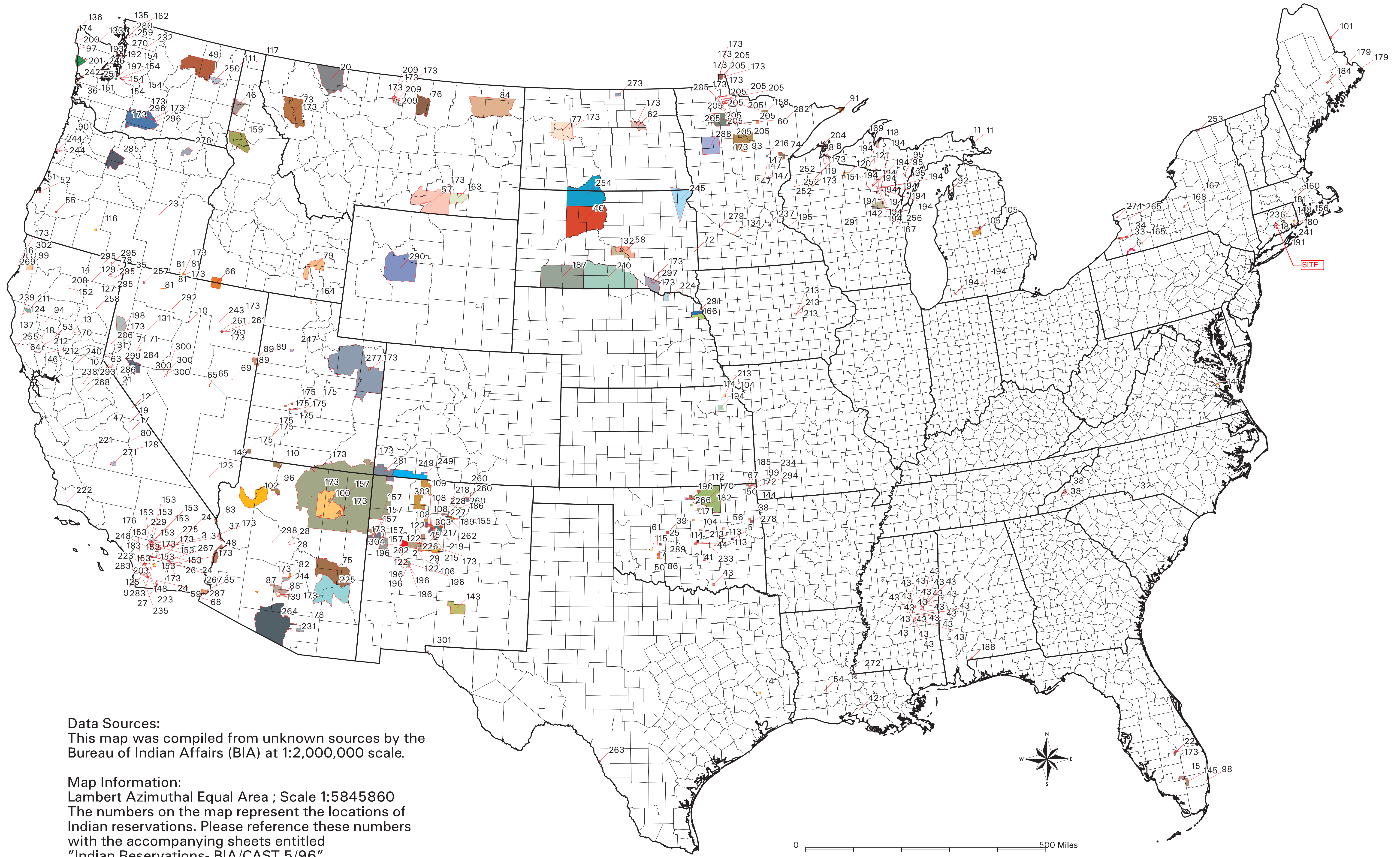
# FEDERAL LANDS AND INDIAN RESERVATIONS



- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- Department of Defense
- Fish and Wildlife Service
- Forest Service
- National Park Service
- Tennessee Valley Authority
- Other agencies



# Indian Reservations in the Continental United States



**Data Sources:**  
This map was compiled from unknown sources by the Bureau of Indian Affairs (BIA) at 1:2,000,000 scale.

**Map Information:**  
Lambert Azimuthal Equal Area ; Scale 1:5845860  
The numbers on the map represent the locations of Indian reservations. Please reference these numbers with the accompanying sheets entitled "Indian Reservations- BIA/CAST 5/96".



358-0137

Details: Effective January 2016

ELECTRONIC TRANSFER OF MATERIALS - The Lac Vieux Desert Band of Lake Superior Chippewa (Getegitigaaning Ojibwe Nation) will go paperless.

To enable us to participate fully, Lac Vieux Desert (Getegitigaaning Ojibwe Nation) fee for such services is \$500. The fee must be submitted so that the research can be done. This will be the only item received in our office via regular USPS mail or other appropriate carriers.

At that time we will review and make our determinations with the appropriate information that we have on file with our Tribe pertaining to this area and an email response will go to the designated person at that agency.

All Collocation Projects will be handled in the same manner as new projects UNLESS the Getegitigaaning Ojibwe Nation commented on the original project.

The following information shall be emailed for each project to [daisy.mcgeschick@lvdtribal.com](mailto:daisy.mcgeschick@lvdtribal.com). The information must contain summary of the proposed ground disturbing activity, legal description of the Area of Potential Effects, (APE), Topo maps identifying the proposed area, and copies of any studies that have already been conducted regarding cultural resources and archaeology in their full format, including reports on archaeological and cultural sites identified to the email address below. All responses and tower project closures will be emailed back to the appropriate contact person for your agency.

Should you have any questions, please feel free to contact me at 906-358-0137.

Miigwetch,

Daisy McGeshick, THPO

Fee can be sent along with the requested information to:

Make Check Payable to:

Getegitigaaning Ojibwe Nation THPO

P.O. 249

Watersmeet, Michigan 49969

Office: 906-358-0137

Fax: 906-358-4850 Email: [daisy.mcgeschick@lvdtribal.com](mailto:daisy.mcgeschick@lvdtribal.com)

6. THPO Edith Leoso - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - [thpo@badriver-nsn.gov](mailto:thpo@badriver-nsn.gov); [THPOAsst@badriver-nsn.gov](mailto:THPOAsst@badriver-nsn.gov) - 715-682-7123

Details: The Bad River Tribe is interested in projects with ground disturbance, only. This includes projects on previously disturbed soils.

The Bad River Tribe's fee to process requests is \$650.00 per request.

The Bad River Tribe shows no interest after 30 days of no response.

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,





The Delaware Tribe of Indians of Oklahoma  
Delaware Tribe Historic Preservation  
P.O. Box 64  
Pocono Lake, PA 18347  
[sbachor@delawaretribe.org](mailto:sbachor@delawaretribe.org)

July 17, 2018

All-Points Technology Corporation  
Att: Ellen Gustafson  
3 Saddlebrook Dr.  
Killingworth, CT 06419

RE: TCNS# 173347

Dear Ms. Gustafson,

Thank you for providing the survey report for the above referenced project. Our review indicates that there are no religious or culturally significant sites within this project area and we have no objection to the proposed project. We defer comment to your office as well as to the State Historic Preservation Office and/or the State Archaeologist.

However, we ask that in the event a concentration of artifacts and/or in the unlikely event any human remains are accidentally unearthed during the course the project that all work is halted until a qualified archaeologist can evaluate the find and the Delaware Tribe of Indians is informed of the inadvertent discovery.

If you have any questions, feel free to contact this office by phone at (610) 761-7452 or by e-mail at [sbachor@delawaretribe.org](mailto:sbachor@delawaretribe.org).

Sincerely,

Susan Bachor, M.A.  
Archaeologist  
Delaware Tribe Historic Preservation

# LAC VIEUX DESERT BAND OF LAKE SUPERIOR CHIPPEWA INDIANS

## Getegitigaaning Ojibwe Nation Tribal Historic Preservation

P.O. Box 249, E23857 Poplar Circle Watersmeet, MI 49969

Phone: 906-358-0137 Fax: 906-358-4850



Booshoo,

The Getegitigaaning Ojibwe Nation THPO (Lac Vieux Desert Chippewa/LVD) received your requests for comments or interest concerning the National Historic Preservation Act, Section 106 request for review and comment to the effect on historic and cultural sites within the proposed above referenced project area.

Getegitigaaning Ojibwe Nation does not release any cultural/historical data to any agency outside of the Nation. We will however research and check our databases, maps, and any other pertinent inventory records with regards to said project.

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the above-cited undertaking at the location noted above. Based on the information provided for our review, it is the opinion of the Getegitigaaning Ojibwe Nation Tribal Historic Preservation Officer (THPO) that the project will have **no adverse effect** [36 CFR § 800.5(b)] on historic properties within the area of potential effects for the above-cited undertaking.

This letter evidences the FCC's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of the FCC's responsibility to notify the THPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting party review".

Referencing above mentioned project we have determined that we have no objections to the project at this time we have now completed the necessary paper work and research for site documentation and will keep the project open until such time it ends. If the scope of work changes in any way, or if artifacts or human remains are discovered please notify LVD immediately.

Please forward any future request for review of historic and cultural properties according to the National Historic Preservation Act Section 106 to Ms. Daisy McGeshick, Tribal Historic Preservation Program Officer at the address below.

Miigwitch,

/s/

Ms. Daisy McGeshick, THPO  
Getegitigaaning Ojibwe Nation  
P.O. BOX 249  
Watersmeet, Michigan 49969  
Phone: 906-358-0137  
Fax: 906-358-4850  
Email daisy.mcgeshick@lvdtribal.com

**Name: All-Points Tech. Corp., P.C.**  
**Amount Paid: \$500.00**  
**TCNS#: 173347**  
**CK#: VV1142 - ECHECK**  
**Invoice#: 12675**  
**Date Closed: 6/28/2018**  
**Initials: DM**

From: [Alden Connor](#)  
To: [Alan Swanson](#)  
Date: Friday, June 29, 2018 11:11:27 AM

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***Keweenaw Bay Indian Community  
Tribal Historic Preservation Office  
and Language Program***

16429 Beartown Road  
Baraga, Michigan 49908-9210  
aconnor@kbic-nsn.gov, gloonsfoot@kbic-nsn.gov  
Phone: 906.353.4278 or 4108. Fax: 906.353.7540

---

6/29/2018

RE: TCNS Notification ID# 173347, 173493

Ahhnii Boozhoo (Hello! Greetings!);  
The KBIC Tribal Historic Preservation Office has identified no properties of interest regarding religious or cultural sites documented at this time in your proposed location. If the scope of work changes in any way, or if artifacts or human remains are discovered, please notify the KBIC THPO immediately.  
Please forward any future consultation requests for review of project proposals pursuant to Section 106 of the National Historic Preservation Act to KBIC THPO, Keweenaw Bay Indian Community Tribal Historic Preservation Office or through email at: [gloonsfoot@kbic-nsn.gov](mailto:gloonsfoot@kbic-nsn.gov), and keep us informed of future projects as we continue our efforts to identify and document historic, archaeological and traditional cultural sites in the area so we can assist in making an appropriate determination. (Please note that Ms. Goyen is no longer associated with the THPO office.)

Chi-Miigwech (Big Thank You).  
Gary F. Loonsfoot, Jr., Cultural Resources Director/Alden L Connor, Jr., THPO Technician

---

*Miigwech!*

*Gary F. Loonsfoot, Jr. and Alden Connor, Jr.*

*"If you take care of the language, the spirit-keeper of the language will take care of you"*



**From:** [ldfthpo](#)  
**To:** [Ellen Gustafson](#)  
**Subject:** RE: Tribal Review Request - Electronic Submission - TCNS #173347- Proposed Monopole Telecommunications Facility Installation 796 Woodin Street, Hamden, New Haven County CT 06514  
**Date:** Tuesday, July 03, 2018 4:57:08 PM  
**Attachments:** [image002.png](#)

---

Ms. Gustafson,

The Lac du Flambeau Tribal Historic Preservation Office (THPO) received your requests for comments or interest concerning the National Historic Preservation Act, Section 106 request for review and comment to the effect on historic and cultural sites within the proposed above referenced project area.

The Lac du Flambeau Tribe does not release any cultural/historical data to any agency outside of the Tribe. We will, however research and check our databases, maps, and any other pertinent inventory records with regards to said project.

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the above-cited undertaking at the location noted above. Based on the information provided for our review, it is the opinion of the Lac du Flambeau THPO that the project has **No Effect** to sites of historic significance and/or the direct APE.

This letter evidences the FCC's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of the FCC's responsibility to notify the THPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting party review".

Referencing above mentioned project we have determined that we have no objections to the project at this time we have now completed the necessary paper work and research for site documentation and will keep the project open until such time it ends. If the scope of work changes in any way, or if artifacts or human remains are discovered please notify Lac du Flambeau immediately.

Sarah Schuman,  
Assistant Tribal Historic Preservation Officer  
For

Melinda Young,  
Tribal Historic Preservation Officer

P.O. Box 67

Lac du Flambeau, WI 54538

Phone: 715-588-4381

Cell: 715-439-3867

[www.ldftribe.com](http://www.ldftribe.com)



**From:** [ldfthpo](#)  
**To:** [Ellen Gustafson](#)  
**Subject:** RE: Tribal Review Request - Electronic Submission - TCNS #173347- Proposed Monopole Telecommunications Facility Installation 796 Woodin Street, Hamden, New Haven County CT 06514  
**Date:** Friday, July 13, 2018 2:31:45 PM

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Ms. Gustafson,

Thank you for the updated material. After looking at the report our original response would remain the same.

Please let me know if you have any questions.

Have a great day!

Sarah

---

**From:** Ellen Gustafson [mailto:EGustafson@allpointstech.com]  
**Sent:** Friday, July 13, 2018 11:47 AM  
**To:** ldfthpo <ldfthpo@ldftribe.com>  
**Subject:** RE: Tribal Review Request - Electronic Submission - TCNS #173347- Proposed Monopole Telecommunications Facility Installation 796 Woodin Street, Hamden, New Haven County CT 06514  
**Importance:** High

Good Afternoon,

This email is to provide you with additional information. A Phase IB Cultural Resources Reconnaissance Survey report had been requested for this site after the original submission on 6/21/18 (below). This report was completed by Heritage Consultants LLC on July 12, 2018. All-Points Technology Corporation, PC respectfully submits this report as a courtesy to the Lac du Flambeau Band of Lake Superior Chippewa Indians for your review. APT recognizes that your tribe had already submitted its review on 7/03/2018 (attached) and may wish to update your response.

If you need any additional information or have any questions, please feel free to contact me at 860-634-1697 x214 or via email at [egustafson@allpointstech.com](mailto:egustafson@allpointstech.com)

Have a wonderful weekend.

Regards,  
Ellen

*Ellen Gustafson*  
*Administrative Assistant*



3 Saddlebrook Drive  
Killingworth, CT 06419  
860-663-1697 ext. 214 (P)  
860-663-0935 (F)  
[egustafson@allpointstech.com](mailto:egustafson@allpointstech.com)

---

**From:** Ellen Gustafson  
**Sent:** Thursday, June 21, 2018 4:29 PM  
**To:** 'ldfthpo' <[ldfthpo@ldftribe.com](mailto:ldfthpo@ldftribe.com)>  
**Subject:** Tribal Review Request - Electronic Submission - TCNS #173347- Proposed Monopole Telecommunications Facility Installation 796 Woodin Street, Hamden, New Haven County CT 06514

Good Afternoon,

All-Points Technology Corporation, P.C. is respectfully submitting via this electronic mail, a request for your review of the above referenced project. Check #VV1145, in the amount of \$350, was mailed on 06/21/2018 under separate cover referencing TCNS #173347. Attached to this email you shall find a cover letter detailing the project summary, Site Plans and a Preliminary Archaeological Assessment prepared by Heritage Consultants, LLC which includes site photos and a site location map (Figure 1).

If you have any questions/comments, encounter difficulties receiving this submission or you do not receive the check in a timely manner, please contact me directly at 860-663-1697 x214 or via email at [egustafson@allpointstech.com](mailto:egustafson@allpointstech.com) and I will be happy to resolve the matter immediately.

Sincerely,  
Ellen

*Ellen Gustafson*  
*Administrative Assistant*



3 Saddlebrook Drive  
Killingworth, CT 06419  
860-663-1697 ext. 214 (P)  
860-663-0935 (F)  
[egustafson@allpointstech.com](mailto:egustafson@allpointstech.com)





**The Mashantucket Pequot  
Tribal Nation  
Tribal Historic  
Preservation Office**

**Date: June 28th, 2018**

Ellen Gustafson  
Administrative Assistant

All Points Technology Corporation (Working On Behalf of T-Mobile Northeast)  
3 Saddlebrook Drive,  
Killingworth, CT 06419  
860.663-1697

**RE: TCNS 173347**

Dear Ellen,

We have reviewed the materials for the above-referenced TCNS project. This includes the Preliminary Archaeological Assessment as well as the Phase 1B "Cultural Resources Reconnaissance Survey". Based on a review of all the information provided, we concur with Heritage Consultants LLC that there does not appear to be any impact on potentially significant religious and cultural resources for the Mashantucket Pequot Tribe. However, in the event of an inadvertent discovery of human remains or additional unanticipated Archaeological resources, please notify our office.

Regards,

Michael Kickingbear Johnson  
Deputy THPO,  
The Mashantucket Pequot Tribal Historic Preservation Office

**From:** [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
**To:** [Ellen Gustafson](mailto:Ellen.Gustafson)  
**Cc:** [tcns.fccarchive@fcc.gov](mailto:tcns.fccarchive@fcc.gov); [mejohanson@mptn-nsn.gov](mailto:mejohanson@mptn-nsn.gov); [mturnbull@mptn-nsn.gov](mailto:mturnbull@mptn-nsn.gov)  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 172154) - Email ID #5908196  
**Date:** Friday, July 13, 2018 12:42:46 PM

---

Dear Ellen Gustafson Mrs,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Deputy THPO Michael K Johnson of the Mashantucket Pequot Tribe in reference to Notification ID #172154:

Date: July 13th, 2018

Ellen Gustafson  
Administrative Assistant

All Points Technology Corporation (Working On Behalf of T-Mobile Northeast)  
3 Saddlebrook Drive,  
Killingworth, CT 06419  
860.663-1697

RE: TCNS 172154

Dear Ellen,

The Mashantucket Pequot Tribal Historic Preservation Office has received your complete package for the above referenced TCNS project. We have reviewed the Phase 1 Cultural Resources Reconnaissance Survey and the specific references to the results of past excavation projects in section 4.2 (Hidden Creek site & Templeton Site). We appreciate having this opportunity to comment on your project.

Section 4.2 "Prehistory of Connecticut" there is a reference to the excavation and recovery of artifacts by Dr. Jones in 1997 at the Hidden Creek site. We see that primarily tools were discovered and removed, and nothing was deemed as un-identified at that time. Any future recovered Items for which we are made aware of and are unknown or not identified through Archaeology; we would further reserve our right to attempt to identify these types of items.

Therefore, based on the review of the information provided, we concur with the Phase 1 Cultural Resources Reconnaissance Survey. Further, we conclude that there does not appear to be any impact on potentially significant religious and cultural resources for the Mashantucket Pequot Tribe. However, in the event of an inadvertent discovery of human remains or archaeological resources discovered within the APE, we respectfully ask you to please notify our office.

Regards,

Michael Kickingbear Johnson  
Deputy THPO,  
The Mashantucket Pequot Tribal Historic Preservation Office

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 05/14/2018  
Notification ID: 172154  
Tower Owner Individual or Entity Name: Verizon Wireless  
Consultant Name: Ellen Gustafson Mrs  
Street Address: 3 Saddlebrook Drive  
City: Killingworth  
State: CONNECTICUT  
Zip Code: 06419  
Phone: 860-663-1697  
Email: egustafson@allpointstech.com

Structure Type: MTOWER - Monopole  
Latitude: 41 deg 23 min 43.8 sec N  
Longitude: 72 deg 55 min 47.8 sec W  
Location Description: 208 Kirk Road  
City: Hamden  
State: CONNECTICUT  
County: NEW HAVEN

Detailed Description of Project: Verizon Wireless proposes to construct a 120' monopole with an overall antenna height of 123'. Please see attached plans for further project details.

Ground Elevation: 100.0 meters  
Support Structure: 36.6 meters above ground level  
Overall Structure: 37.5 meters above ground level  
Overall Height AMSL: 137.5 meters above mean sea level



**From:** [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
**To:** [Ellen Gustafson](mailto:Ellen.Gustafson)  
**Cc:** [tcns.fccarchive@fcc.gov](mailto:tcns.fccarchive@fcc.gov); [mejohanson@mptn-nsn.gov](mailto:mejohanson@mptn-nsn.gov); [mturnbull@mptn-nsn.gov](mailto:mturnbull@mptn-nsn.gov)  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 173347) - Email ID #5942118  
**Date:** Friday, July 27, 2018 11:10:55 AM

---

Dear Ellen Gustafson Mrs,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Deputy THPO Michael K Johnson of the Mashantucket Pequot Tribe in reference to Notification ID #173347:

Date: June 28th, 2018

Ellen Gustafson  
Administrative Assistant

All Points Technology Corporation (Working On Behalf of T-Mobile Northeast)  
3 Saddlebrook Drive,  
Killingworth, CT 06419  
860.663-1697

RE: TCNS 173347

Dear Ellen,

We have reviewed the materials for the above-referenced TCNS project. This includes the Preliminary Archaeological Assessment as well as the Phase 1B "Cultural Resources Reconnaissance Survey". Based on a review of all the information provided, we concur with Heritage Consultants LLC that there does not appear to be any impact on potentially significant religious and cultural resources for the Mashantucket Pequot Tribe. However, in the event of an inadvertent discovery of human remains or additional unanticipated Archaeological resources, please notify our office.

Regards,

Michael Kickingbear Johnson  
Deputy THPO,  
The Mashantucket Pequot Tribal Historic Preservation Office

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 06/08/2018  
Notification ID: 173347  
Tower Owner Individual or Entity Name: Tarpon Towers II

Consultant Name: Ellen Gustafson Mrs  
Street Address: 3 Saddlebrook Drive  
City: Killingworth  
State: CONNECTICUT  
Zip Code: 06419  
Phone: 860-663-1697  
Email: egustafson@allpointstech.com

Structure Type: MTOWER - Monopole  
Latitude: 41 deg 20 min 59.2 sec N  
Longitude: 72 deg 57 min 45.3 sec W  
Location Description: 796 Woodin Street  
City: Hamden  
State: CONNECTICUT  
County: NEW HAVEN

Detailed Description of Project: Tarpon Towers II, LLC represented by Phoenix Partnership LLC proposes to build a 120' tall monopole communications tower. Please see attached 2-C and site plans for additional details.

Ground Elevation: 34.4 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 37.8 meters above ground level

Overall Height AMSL: 72.2 meters above mean sea level

**From:** [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
**To:** [Ellen Gustafson](mailto:Ellen.Gustafson)  
**Cc:** [tcns.fccarchive@fcc.gov](mailto:tcns.fccarchive@fcc.gov); [ethomas@moheganmail.com](mailto:ethomas@moheganmail.com)  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 172154) - Email ID #5908118  
**Date:** Friday, July 13, 2018 10:59:29 AM

---

Dear Ellen Gustafson Mrs,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Deputy THPO Elaine Thomas of the Mohegan Indian Tribe in reference to Notification ID #172154:

TCNS# 172154- Our office has completed research for the proposed telecommunications facility located at 208 Kirk Road, Hamden, Connecticut. We understand that no cultural materials of any kind were found during pedestrian survey or sub-surface testing within the Area of Potential Effects-Direct Effects and that no historic properties were identified within the APE-DE. We concur with the Phase 1 Cultural Resources Reconnaissance Survey Report that the revised scope of work will not impact historic resources and the recommendation that no further archaeological investigation is necessary.

Based upon these findings, it is the opinion of the Mohegan THPO that No properties will be effected by this project as proposed, to historic properties, or properties of traditional religious and cultural significance to the Mohegan Tribe.

Thank you for the opportunity to research this project in accordance with the National Historic Preservation Act.

Best Regards,

Elaine Thomas  
The Mohegan Tribe, Deputy Tribal Historic Preservation Officer

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 05/14/2018  
Notification ID: 172154  
Tower Owner Individual or Entity Name: Verizon Wireless  
Consultant Name: Ellen Gustafson Mrs  
Street Address: 3 Saddlebrook Drive  
City: Killingworth  
State: CONNECTICUT  
Zip Code: 06419  
Phone: 860-663-1697  
Email: [egustafson@allpointstech.com](mailto:egustafson@allpointstech.com)

Structure Type: MTOWER - Monopole  
Latitude: 41 deg 23 min 43.8 sec N



Longitude: 72 deg 55 min 47.8 sec W  
Location Description: 208 Kirk Road  
City: Hamden  
State: CONNECTICUT  
County: NEW HAVEN

Detailed Description of Project: Verizon Wireless proposes to construct a 120' monopole with an overall antenna height of 123'. Please see attached plans for further project details.

Ground Elevation: 100.0 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 37.5 meters above ground level

Overall Height AMSL: 137.5 meters above mean sea level

**From:** [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
**To:** [Ellen Gustafson](mailto:Ellen.Gustafson)  
**Cc:** [tcns.fccarchive@fcc.gov](mailto:tcns.fccarchive@fcc.gov); [ethomas@moheganmail.com](mailto:ethomas@moheganmail.com)  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 173347) - Email ID #5925420  
**Date:** Friday, July 20, 2018 10:27:08 AM

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Dear Ellen Gustafson Mrs,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Deputy THPO Elaine Thomas of the Mohegan Indian Tribe in reference to Notification ID #173347:

TCNS# 173347- Our office has completed research for the proposed Telecommunications Facility Installation located at 796 Woodin street, Hamden, CT.

We have reviewed the additional information that was provided to us regarding this project. It is the opinion of the Mohegan Tribal Historic Preservation Office that it is unlikely this undertaking would impact archaeological resources within the Area of Potential Effects-Direct Effects, and this undertaking as proposed should have No Adverse Effect on historic properties, or properties of traditional religious and cultural significance to the Mohegan Tribe. We concur with the Phase 1B Cultural Resources Reconnaissance Survey provided for our review, and that no further archaeological research is warranted for this project.

Thank you for the opportunity to research this project in accordance with the National Historic Preservation Act.

Best Regards,

Elaine Thomas  
The Mohegan Tribe  
Deputy Tribal Historic Preservation Officer  
[ethomas@moheganmail.com](mailto:ethomas@moheganmail.com)

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 06/08/2018  
Notification ID: 173347  
Tower Owner Individual or Entity Name: Tarpon Towers II  
Consultant Name: Ellen Gustafson Mrs  
Street Address: 3 Saddlebrook Drive  
City: Killingworth  
State: CONNECTICUT  
Zip Code: 06419  
Phone: 860-663-1697  
Email: [egustafson@allpointstech.com](mailto:egustafson@allpointstech.com)

Structure Type: MTOWER - Monopole

Latitude: 41 deg 20 min 59.2 sec N  
Longitude: 72 deg 57 min 45.3 sec W  
Location Description: 796 Woodin Street  
City: Hamden  
State: CONNECTICUT  
County: NEW HAVEN

Detailed Description of Project: Tarpon Towers II, LLC represented by Phoenix Partnership LLC proposes to build a 120' tall monopole communications tower. Please see attached 2-C and site plans for additional details.

Ground Elevation: 34.4 meters

Support Structure: 36.6 meters above ground level

Overall Structure: 37.8 meters above ground level

Overall Height AMSL: 72.2 meters above mean sea level

Please note that NITHPO's current review fees are as follows:

For projects in which there is to be no ground disturbance the review fee is \$500.

For ALL projects which include ground disturbance, the review fees \$1000.

If the applicant/tower builder receives no response from the Narragansett Indian Tribe within 30 days after notification through TCNS, the Narragansett Indian Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Narragansett Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. THPO Gary Loonsfoot Jr - Keweenaw Bay Indian Community - 16429 Beartown Road . Baraga, MI - gloonsfoot@kbic-nsn.gov - 906-353-4278

Details: The KBIC THPO reviews all projects within historic homelands for the presence of cultural resources with significance to the Anishinaabe. Your request will go through a preliminary review by our THPO/NAGPRA Technician, the review consists of relevant studies submitted by the applicant regarding cultural resources documentation, in house literature search, database search and GIS search for further information. If any cultural resources are identified during this process, the file will be turned over to the Tribal Historic Preservation Officer in order to make a determination of effects.

Information required in order to complete this process are as follows:

Project Name

Project Location

Physical Address

Latitude and Longitude

State, County, Township, Range, Section quarters

Brief Project Description

Existing studies for archaeological sites, and cultural resources.

As of June 22,2018 the KBIC THPO will be charging a fee of \$750.00 per review/collocation unless the review covers more than one section of land in which case the fee is \$750.00 per section. Fees in this process cover the research and other activities required to provide you with a timely response so your project can stay on track. Please submit payment of \$750.00 for each project application submitted, checks should be made payable to KBIC THPO, 16429 Beartown Road, Baraga, Michigan 49908. Any questions can be directed to: Gary Loonsfoot Jr via email gloonsfoot@kbic-nsn.gov, or by phone: 906-353-6623 ext. 4108. (Please note that Minogheezhig Sandman-Shelifoe is no longer a contact within the KBIC-THPO office)

5. THPO and NAGPRA Representative Daisy McGeshick Ms - Lac Vieux Desert Band of Lake Superior Chippewa Indians - E23857 Poplar Circle (PO Box: 249) Watersmeet, MI - daisy.mcgeshick@lvdtribal.com - 906-



## Ellen Gustafson

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**From:** noreply@tcnsportal.com  
**Sent:** Friday, July 20, 2018 12:20 PM  
**To:** Ellen Gustafson  
**Subject:** TCNS Portal - Red Cliff Band of Lake Superior Chippewa - TCNS #: 173347 - Approved

TCNS Portal - Red Cliff Band of Lake Superior Chippewa

**TCNS # 173347 - Approved**

July 20, 2018

Project request approved by the tribe representative.



Red Cliff Band of Lake Superior Chippewa  
Tribal Historic Preservation Office  
88455 Pike Road  
Bayfield, WI 54814  
(715) 779 – 3700 ext. 4243 or 4244

Boozhoo,

The Red Cliff Band's Tribal Historic Preservation Office (THPO) received your request for comments or interest concerning the National Historic Preservation Act, Section 106 request for review and comment to the effect on historic and cultural sites within the proposed referenced project area.

The Red Cliff Band does not release any cultural/historical data to any agency outside of the Tribe. We will, however research and check our databases, maps, and any other pertinent inventory records with regards to said project.

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the cited undertaking at the location noted. Based on the information provided for our review, it is the opinion of the Red Cliff THPO that the project has No Adverse Effect on Historic Properties within the Direct and/or Visual APE.

This response evidences the FCC's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of the FCC's responsibility to notify the THPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting party review".

Referencing mentioned project, we have determined that we have no objections to the project at this time. We have now completed the necessary paper work and research for site documentation and will keep the project open until such time that it ends. If the scope of work changes in any way, or if artifacts or human remains are discovered please notify the Red Cliff Band's Tribal Historic Preservation Office immediately.

If you have any questions, please contact us at <https://redcliff-nsn.tcnsportal.com/Home/ContactTribalRepresentative> or (715)779-3700 Ext 4242.

Miigwech,

Red Cliff THPO, Tribal Historic Preservation Office  
Red Cliff Band of Lake Superior Chippewa

**Company:**  
All Points Tech

**Submitted Consultant:**  
Ellen Gustafson

**Tower:**  
173347

**Tower Type:**  
New Build

**Submission Date:**  
07/13/2018 01:48 PM

**Tower Fee Amt:**  
\$800.00

**Payment Received:**  
Yes

**Payment Type:**  
Manual

**Trans ID/Check #:**  
#VV1146

**Payment Date:**  
7/16/2018

**Cover Letter:**  
[Cover Ltr - Hamden 2 CT 7-13-18.pdf](#)

**Archeology Report:**  
[Archeology Report Phase 1B Hamden 2 CT.pdf](#)

**SHPO Letter (or SHPO Exemption if applicable):**  
[SHPO Ltr Hamden 2 CT.pdf](#)

**USGS Maps:**  
[USGS Map Hamden 2 CT.pdf](#)

**Site Photos:**  
[Site Photos Hamden 2 CT\\_opt.pdf](#)

[Archeology Report Phase 1A Hamden 2 CT.pdf](#)

[Click here to log in](#)

# National Flood Hazard Layer FIRMette



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



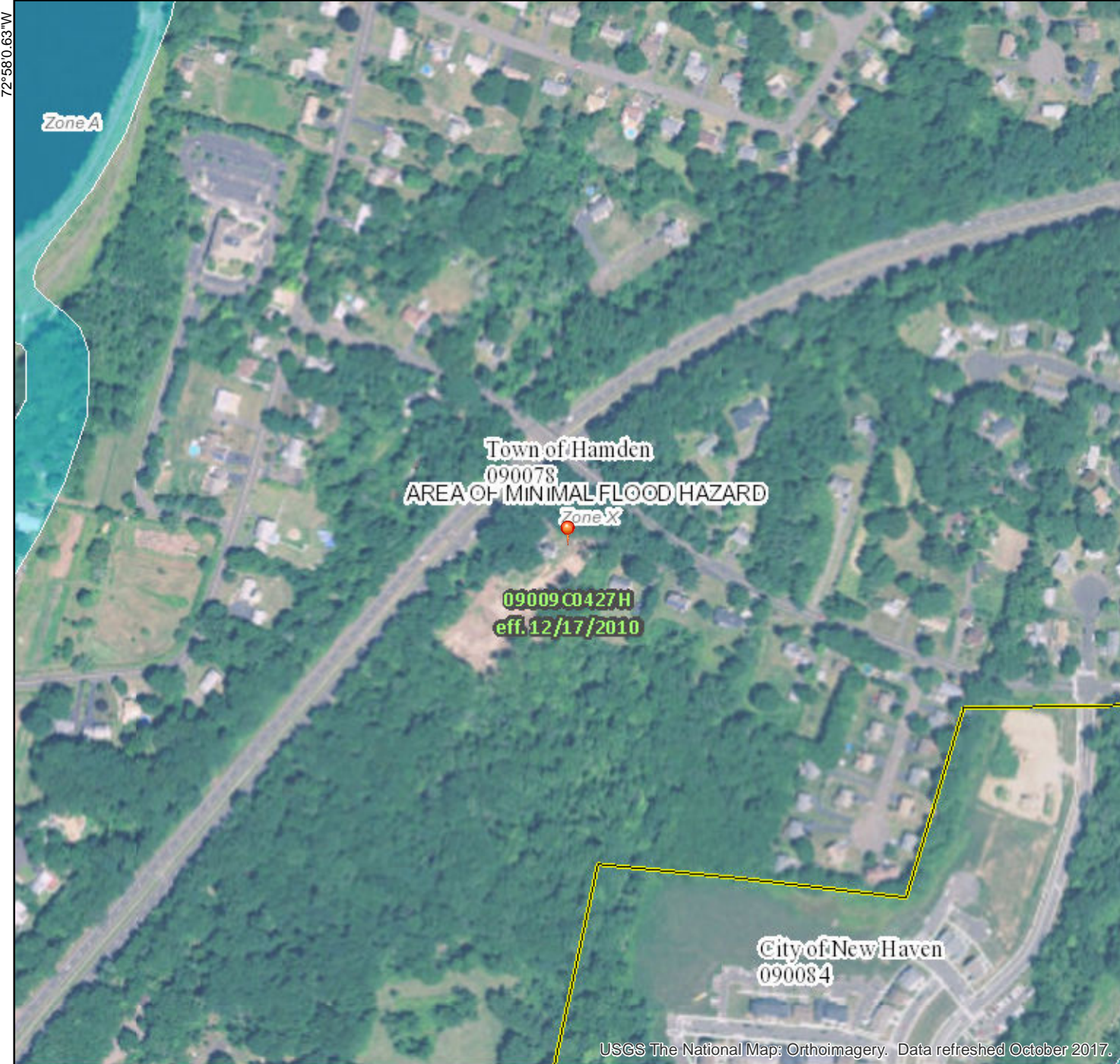
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **9/17/2018 at 9:41:32 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

41°21'19.31"N



72°57'23.17"W





## WETLAND INSPECTION

April 14, 2018

APT Project No.: CT445170

Revised June 13, 2018

**Prepared For:** Phoenix Partnership  
110 Washington Avenue  
North Haven, CT 81506473  
Attn: Keith Coppins

**Site Name:** CT1225 Hamden 2

**Site Address:** 796 Woodin Street, Hamden, Connecticut

**Date(s) of Investigation:** 1/31/2018 & 5/9/18

**Field Conditions:** **Weather:** sunny, mid 20's on 1/31/18; sunny, low 70's on 5/9/18  
**Soil Moisture:** moist

**Wetland/Watercourse Delineation Methodology\*:**

- Connecticut Inland Wetlands and Watercourses
- Connecticut Tidal Wetlands
- Massachusetts Wetlands
- U.S. Army Corps of Engineers

**Municipal Upland Review Area/Buffer Zone:**

**Wetlands & Watercourses:** 200 feet ; 100 feet non-disturbance zone

The wetlands inspection was performed by<sup>†</sup>:

Matthew Gustafson, Registered Soil Scientist

Enclosures: Wetland Delineation Field Forms & Wetland Inspection Map

*This report is provided as a brief summary of findings from APT's wetland investigation of the referenced Study Area that consists of proposed development activities and areas generally within 200 feet.<sup>‡</sup> If applicable, APT is available to provide a more comprehensive wetland impact analysis upon receipt of site plans depicting the proposed development activities and surveyed location of identified wetland and watercourse resources.*

\* Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.

† All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

‡ APT has relied upon the accuracy of information provided by Phoenix Partnership and its contractors regarding proposed lease area and access road/utility easement locations for identifying wetlands and watercourses within the study area.

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# Attachments

- Wetland Delineation Field Forms
- Wetland Inspection Map

## Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-70; 1-100 to 1-120 and 1-150 to 1-155	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

### WETLAND HYDROLOGY:

#### NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input checked="" type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Wetland 1 is a large seep wetland system with intermittent watercourses along the southwest and northeast boundaries of the subject property.		

#### TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments:		

### WETLAND TYPE:

#### SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

#### CLASS:

Emergent <input checked="" type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input checked="" type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: Western and southern extents of the subject property are dominated by mature forest with edges of scrub/shrub and emergent habitats along the central peripheries of the forested habitat as a result of clearing activities performed by the owner and creation of a horse paddock/barn.		

### WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: A watercourse, consisting of a deeply incised, sinuous system with steep banks and sandy/cobble bottom, is located along the western extents of the subject property running north to south. A second intermittent watercourse, consisting of a narrow/shallow bank with a mud bottom, starts as seep outbreak at the northeastern extents of the subject property.		

**Wetland Delineation Field Form (Cont.)**

**SPECIAL AQUATIC HABITAT:**

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: None	

**SOILS:**

Are field identified soils consistent with NRCS mapped soils?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

**DOMINANT PLANTS:**

Red Maple ( <i>Acer rubrum</i> )	American Elm ( <i>Ulmus americana</i> )
Black Birch ( <i>Betula lenta</i> )	Spicebush ( <i>Lindera benzoin</i> )
Fox Grape ( <i>Vitis labrusca</i> )	Green Ash ( <i>Fraxinus pennsylvanica</i> )
Poison Ivy ( <i>Toxicodendron radicans</i> )	Soft Rush ( <i>Juncus effuses</i> )

\* denotes Connecticut Invasive Species Council invasive plant species

**GENERAL COMMENTS:**

All-Points Technology Corp., P.C. (“APT”) understands that Phoenix Partnership is proposing the construction of a telecommunications facility (“Facility”) in the southern end of the subject property. The subject property consists of a residential home, horse paddock/barns and mature forest. Wetlands occupy a significant portion of the subject property, primarily along the eastern property boundary. The Facility would consist of a 70-foot by 40-foot fenced compound area hosting a monopole telecommunications tower and associated ground equipment. Access to the facility would be garnered off Woodin Street to the north and generally follow along the western property boundary.

Wetland 1 consists of a large hillside seep wetland system with two interior watercourses. The wetland is dominated by mature forest with some edge scrub/shrub and emergent areas associated with historic clearing of the subject property. This wetland generally drains north to south and west to east with several small ‘finger’ seeps that extend from the core wetland area along the east property boundary. Runoff from Wilbur Cross Parkway is conveyed through a channel and into a culvert at wetland flags WF 1-150/1-155 that flows under the horse paddock area eventually discharging into the main section of Wetland 1. The northern portion of this wetland system has experienced varying degrees of disturbance associated with clearing, filling, cutting, and manure/vegetation piles associated with the subject property’s residential and agricultural activities.

As currently presented, the proposed access and Facility location would not appear to result in a direct impact to wetland resources. However, development activities would be located in close proximity to wetland areas. APT recommends that a wetland impact evaluation be performed of the proposed Facility and access location. APT will provide a wetland impact evaluation under separate cover upon receipt of project site plans that provide clearing, grading and drainage details associated with the proposed Facility and access locations in relation to nearby wetland resources.



## Wetland Delineation Field Form

Wetland I.D.:	Wetland 2	
Flag #'s:	WF 2-01 to 2-09	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

**WETLAND HYDROLOGY:**

**NONTIDAL**

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input checked="" type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Wetland 2 is a small seep system that feeds Wetland 1 off property to the south.		

**TIDAL**

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments:		

**WETLAND TYPE:**

**SYSTEM:**

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

**CLASS:**

Emergent <input type="checkbox"/>	Scrub-shrub <input type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

**WATERCOURSE TYPE:**

Perennial <input type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: None		
Comments: None		

**Wetland Delineation Field Form (Cont.)**

**SPECIAL AQUATIC HABITAT:**

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: None	

**SOILS:**

Are field identified soils consistent with NRCS mapped soils?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

**DOMINANT PLANTS:**

Red Maple ( <i>Acer rubrum</i> )	American Elm ( <i>Ulmus americana</i> )
Japanese Barberry* ( <i>Berberis thunbergii</i> )	Spicebush ( <i>Lindera benzoin</i> )
Skunk Cabbage ( <i>Symplocarpus foetidus</i> )	

\* denotes Connecticut Invasive Species Council invasive plant species

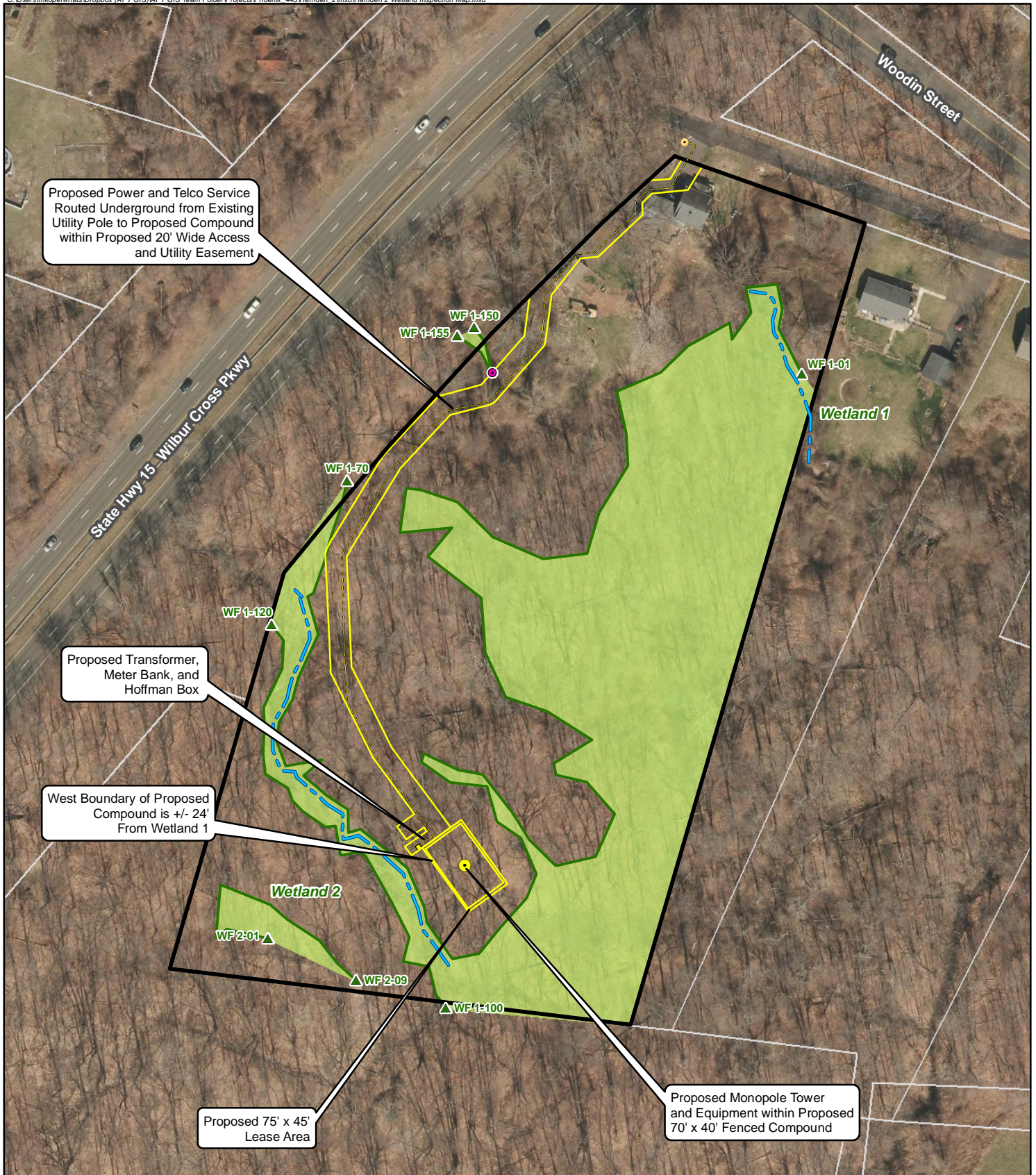
**GENERAL COMMENTS:**

All-Points Technology Corp., P.C. (“APT”) understands that Phoenix Partnership is proposing the construction of a telecommunications facility (“Facility”) in the southern end of the subject property. The subject property consists of a residential home, horse paddock/barns and mature forest. Wetlands occupy a significant portion of the subject property, primarily along the eastern property boundary. The Facility would consist of a 70-foot by 40-foot fenced compound area hosting a monopole telecommunications tower and associated ground equipment. Access to the facility would be garnered off Woodin Street to the north and generally follow along the western property boundary.

Wetland 2 consists of a relatively small forested hillside seep wetland system that sheet flows to the south, eventually converging with Wetland 1 on the adjoining property. Wetland 2 is buffered from the proposed Facility and access areas by an intermittent stream channel section of Wetland 1.

As currently presented, the proposed access and Facility location would not appear to result in a direct impact to wetland resources. However, development activities would be located in close proximity to wetland areas. APT recommends that a wetland impact evaluation be performed of the proposed Facility and access location. APT will provide a wetland impact evaluation under separate cover upon receipt of project site plans that provide clearing, grading and drainage details associated with the proposed Facility and access locations in relation to nearby wetland resources.





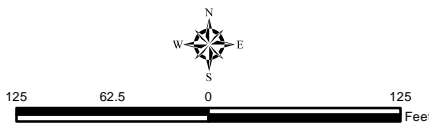
**Legend**

- Proposed Monopole Tower
- Proposed Site Layout
- Proposed Equipment
- ▲ Wetland Flag
- Approximate Wetland
- Delineated Wetland Boundary
- Intermittent Watercourse
- Existing Culvert (By Others)
- Existing Utility Pole (By Others)
- Subject Property
- Approximate Parcel Boundary (CTDEEP)

**Wetland Inspection Map**

Proposed Wireless Telecommunications Facility  
 Hamden CT Relo  
 796 Woodin Street  
 Hamden, Connecticut

*Map Notes:*  
 Base Map Source: 2016 Aerial Photograph (CTECO)  
 Map Scale: 1 inch = 125 feet  
 Map Date: May 2018





## TOWAIR Determination Results

### \*\*\* NOTICE \*\*\*

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

#### DETERMINATION Results

**Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.**

#### Your Specifications

##### NAD83 Coordinates

Latitude	41-20-59.2 north
Longitude	072-57-45.3 west

##### Measurements (Meters)

Overall Structure Height (AGL)	37.8
Support Structure Height (AGL)	36.6
Site Elevation (AMSL)	34.4

##### Structure Type

MTOWER - Monopole

#### [Tower Construction Notifications](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

CLOSE WINDOW