

# NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) SCREENING

"Lucas Tree Company"  
636 Riverside Street  
Portland, Maine 04103  
CBRE Project No.: TS60715949

**Prepared For:**  
City of Portland  
c/o Pyramid Network Services, LLC

[www.cbre.com/Assessment](http://www.cbre.com/Assessment)

**CBRE**



December 16, 2016

Meredithe Mathias  
City of Portland  
c/o Pyramid Network Services, LLC  
6519 Towpath Road  
East Syracuse, NY 13057

Re: NEPA Screening  
"Lucas Tree Company"  
636 Riverside Street, Portland, Maine 04103  
CBRE Project No.: TS60715949

Dear Ms. Mathias:

CBRE Telecom Services, Inc. (CBRE) was retained by City of Portland c/o Pyramid Network Services, LLC (Pyramid) to prepare an environmental screening pursuant to NEPA (40 CFR 1500-1508) and NEPA procedures required by the Federal Communications Commission (FCC) (47 CFR, Chapter 1, Part 1, Subpart I, §1.1301 to 1.1319). This review has been prepared to address the potential adverse environmental impacts associated with the proposed Undertaking. Environmental characteristics of the Undertaking were screened against the criteria listed in 47 CFR, Chapter 1, Part 1, Subpart I, §1.1306 & §1.1307(a) and (b).

The Subject Property currently consists of vacant land located east of the Presumpscot River. The Subject Property is located within a suburban area, improved with residential and commercial development.

The City of Portland c/o Pyramid Network Services, Inc. proposes to construct a new telecommunications facility at the Subject Property. The facility will consist of a 180-foot self-support lattice tower (overall height 197 feet including a top-mounted lightning rod) and support equipment to be located within a 50-foot by 75-foot fenced compound. An 8-foot by 13.5-foot equipment shelter and utility meter bank H-frame will be installed within the compound. Three omni antennas will be installed on the tower. Two of the antennas will have a bottom height of 160 feet above ground level (AGL), and the remaining antenna will have a bottom height of 180 feet AGL. A proposed 12-foot wide access easement will emanate off of Riverside Street and traverse west toward the compound. The access easement will utilize an existing dirt road. A proposed overhead utility easement will run parallel to the access easement. Please see the attached lease exhibits for your review and information.

This review has been prepared to address the potential adverse environmental impacts associated with the proposed Undertaking. Environmental characteristics of the Undertaking were screened against the criteria listed in 47 CFR, Chapter 1, Part 1, Subpart I, §1.1306 & §1.1307(a) and (b).

This report concludes that the proposed installation will not result in a significant environmental effect per the criteria outlined in §1.1306 & §1.1307(a) and (b). As such the preparation of an Environmental Assessment (EA) is not required. Please note the State historic Preservation office (SHPO) did not respond within 30 days to CBRE's determination of no historic properties in the area of potential effects. As outline in the Nationwide Programmatic

Agreement (NPA), this establishes a presumption that SHPO concurs with the applicant's determination that there are no historic properties in the area of potential effects.

CBRE is pleased to submit this copy of our NEPA Screening in connection with the above-referenced property.

Thank you for letting us be of service and please do not hesitate to contact me at (914) 597-6956 or christopher.bond@cbre.com.

Sincerely,

**CBRE Telecom Services, Inc.**



Christopher Bond  
Project Manager - Biologist



E. Gio Del Rivero  
Director, Project Management

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# NEPA CHECKLIST

FCC NEPA CATEGORY	RESPONSIBLE AGENCY	POTENTIAL FOR A SIGNIFICANT IMPACT		SUMMARY OF IMPACT
		YES	NO	
Is the Undertaking located within a <b>Designated Wilderness Area</b>	National Park Service, US Forest Service, Bureau of Land Management	◇	◇	
Is the Undertaking located within a <b>Designated Wildlife Preserve?</b>	National Park Service, US Forest Service, Bureau of Land Management	◇	◇	
Is the Undertaking located within 1-mile of a <b>National Wild and Scenic River or National Scenic Trail?</b>	National Park Service, US Forest Service, Bureau of Land Management	◇	◇	
Will the Undertaking affect <b>Threatened or Endangered Species</b> or a <b>Designated Critical Habitat?</b>	US Fish & Wildlife Service	◇	◇	
Will the Undertaking affect <b>Historic Resources listed on or eligible for listing on the National Register of Historic Places?</b>	Advisory Council on Historic Preservation, State Historic Preservation Office, Tribal Historic Preservation Office	◇	◇	
Will the Undertaking affect <b>Indian Religious Sites?</b>	Tribal Historic Preservation Office, American Indian Bureau of Indian Affairs	◇	◇	
Is the Undertaking located within a <b>Flood Plain?</b>	Federal Emergency Management Agency	◇	◇	
Will the Undertaking involve significant changes to <b>Surface Features?</b>	US Army Core of Engineers	◇	◇	
Will the Undertaking include <b>High Intensity White Lights?</b>	N/A	◇	◇	
Will the Undertaking result in human exposure to <b>Radio-Frequency Radiation</b> in excess of applicable safety standards?	N/A	N/A	N/A	

# FCC EXCLUSION ANALYSIS

Nationwide Programmatic Agreement dated 09/2004 ("NPA")  
 Nationwide Programmatic Agreement for the Collocation of Wireless Antennas dated 3/16/2001 ("CNPA")  
 Report and Order for the Acceleration of Broadband Deployment dated 10/21/2014 ("R&O")

TYPE OF UNDERTAKING		
<b>Maintenance</b>	Does the Undertaking involve MORE than the maintenance or servicing of existing permitted antennas and/or associated equipment? <i>If answer is "No", no further review is required. If "Yes" proceed to next question.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Like for Like Modification</b>	Does the Undertaking involve MORE than an exact antenna replacement (same location, and same OR smaller height and width) for an existing antenna? <i>If answer is "No", no further review is required. If "Yes" proceed to next question.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>New Tower</b>	Does the Undertaking involve the construction of a new tower? <i>If answer is "Yes", proceed to the applicable Exclusion Analysis sections below and review any exclusions which could apply. If "No" proceed to next question.</i>	Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Collocation</b>	Does the Undertaking involve only the collocation of antennas on an existing tower or non tower structure? <i>If answer is "Yes", proceed to the applicable Exclusion Analysis sections below and review any exclusions which could apply.</i>	Yes <input type="radio"/> No <input checked="" type="radio"/>

NPA EXCLUSION ANALYSIS		
<input checked="" type="checkbox"/>	<b>Exclusion A - Enhancement of a Tower</b>	
	Will the Undertaking consist of a collocation as defined by the CNPA?	Yes <input type="radio"/> No <input type="radio"/>
	Will the height of the existing approved or grandfathered tower be increased by more than 10% or by the height of one additional antenna array with separation from the nearest antenna not to exceed twenty feet?	Yes <input type="radio"/> No <input type="radio"/>
	Will more than the standard number of equipment, not to exceed 4 additional equipment cabinets or 1 additional shelter, be added?	Yes <input type="radio"/> No <input type="radio"/>
	Will the width of the tower be increased by more than 20 feet or more than the width of the tower at the level of the appurtenance?	Yes <input type="radio"/> No <input type="radio"/>
	Will there be excavation outside the current boundaries of the leased or owned property?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below.</i>	
<input checked="" type="checkbox"/>	<b>Exclusion B - Construction of a Replacement Tower</b>	
	Will the height of the existing approved or grandfathered tower be increased by more than 10% or by the height of one additional antenna array with separation from the nearest antenna not to exceed twenty feet?	Yes <input type="radio"/> No <input type="radio"/>
	Will more than the standard number of equipment, not to exceed 4 additional equipment cabinets or 1 additional shelter, be added?	Yes <input type="radio"/> No <input type="radio"/>
	Will the width of the tower be increased by more than 20 feet or more than the width of the tower at the level of the appurtenance?	Yes <input type="radio"/> No <input type="radio"/>
	Will there be excavation outside the current boundaries of the leased or owned property?	Yes <input type="radio"/> No <input type="radio"/>
	Will the Undertaking increase the boundaries of the owned or leased area surrounding the existing tower by more than thirty feet?	Yes <input type="radio"/> No <input type="radio"/>
	Will construction of the proposed replacement tower involve excavation outside of a thirty-foot radius from the edge of owned or leased area or outside existing access or utility easements?	Yes <input type="radio"/> No <input type="radio"/>
	If the existing tower was constructed after March 16, 2001, has it NOT undergone Section 106 review?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below.</i>	
<input checked="" type="checkbox"/>	<b>Exclusion C - Construction of temporary communications tower or facility</b>	
	Will the temporary installation involve excavation of soils where the depth of previous disturbance does NOT exceed the proposed disturbance depth by at least 2' or where geomorphic evidence does NOT indicate that cultural resource bearing soils do not occur in the area of the Undertaking or occur at depths at least 2' more than the proposed disturbance depth?	Yes <input type="radio"/> No <input type="radio"/>
	Will the temporary installation be in operation for more than twenty-four months?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below.</i>	
<input checked="" type="checkbox"/>	<b>Exclusion D - Construction of Facility within an existing industrial park, commercial strip mall or shopping center</b>	
	Will the Undertaking be over 200 feet in height?	Yes <input type="radio"/> No <input type="radio"/>
	Is the locally designated industrial park, commercial strip mall, or shopping center less than 100,000 square feet?	Yes <input type="radio"/> No <input type="radio"/>
	Is the locally designated industrial park, commercial strip mall, or shopping center located within the boundaries of or within five hundred feet of a historic property?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below. Consultation with Native American Tribes and NHOs must be completed to meet this exclusion.</i>	
<input checked="" type="checkbox"/>	<b>Exclusion E - Construction of a Facility in or within 50' of the outer boundary of a Utility Transmission or distribution Right</b>	
	Will the proposed facility be located outside of or beyond fifty feet of a right-of-way designated by Federal, State, local, or Tribal governments as a location for communications towers or utility transmission and distribution lines?	Yes <input type="radio"/> No <input type="radio"/>
	Could the proposed facility be considered a "substantial increase" in height, mass, or size in relation to existing towers or utility transmission and distribution lines located that the site?	Yes <input type="radio"/> No <input type="radio"/>

	Will the Undertaking increase the boundaries of the owned or leased area surrounding the existing tower by more than thirty feet?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below. Consultation with Native American Tribes and NHOs must be completed to meet this exclusion.</i>	
◇	<b>Exclusion F - Construction of a Tower in a SHPO/THPO permitted zone</b>	
	Will the proposed facility be located inside of an area designated by the SHPO and/or THPO for the construction of communications towers and associated facilities?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including either Section 106 Consultation or R&amp;O Review as per below. Consultation with Native American Tribes and NHOs must be completed to meet this exclusion.</i>	

**CNPA EXCLUSION ANALYSIS**

◇	<b>Exclusion III - Collocation of antennas on a tower constructed on or before March 16, 2001</b>	
	Will the height of the existing approved or grandfathered tower be increased by more than 10% or by the height of one additional antenna array with separation from the nearest antenna not to exceed twenty feet?	Yes <input type="radio"/> No <input type="radio"/>
	Will more than the standard number of equipment, not to exceed 4 additional equipment cabinets or 1 additional shelter, be added?	Yes <input type="radio"/> No <input type="radio"/>
	Will the width of the tower be increased by more than 20 feet or more than the width of the tower at the level of the appurtenance?	Yes <input type="radio"/> No <input type="radio"/>
	Will there be excavation outside the current boundaries of the leased or owned property?	Yes <input type="radio"/> No <input type="radio"/>
	Has the FCC determined that the tower has, or potentially has, an "adverse effect" on historic properties?	Yes <input type="radio"/> No <input type="radio"/>
	Is the tower pending environmental review before the FCC involving Section 106 compliance?	Yes <input type="radio"/> No <input type="radio"/>
	Has the licensee or tower owner received notification of complaint from the public, SHPO, or Council that the collocation will have an adverse effect on historic properties?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including Section 106 Consultation.</i>	
◇	<b>Exclusion IV - Collocation of antennas on a tower constructed after March 16, 2001</b>	
	Has the tower <b>NOT</b> previously undergone Section 106 review?	Yes <input type="radio"/> No <input type="radio"/>
	Will the height of the existing approved or grandfathered tower be increased by more than 10% or by the height of one additional antenna array with separation from the nearest antenna not to exceed twenty feet?	Yes <input type="radio"/> No <input type="radio"/>
	Will more than the standard number of equipment, not to exceed 4 additional equipment cabinets or 1 additional shelter, be added?	Yes <input type="radio"/> No <input type="radio"/>
	Will the width of the tower be increased by more than 20 feet or more than the width of the tower at the level of the appurtenance?	Yes <input type="radio"/> No <input type="radio"/>
	Will there be excavation outside the current boundaries of the leased or owned property?	Yes <input type="radio"/> No <input type="radio"/>
	Will the collocation result in a substantial increase in the size of the tower?	Yes <input type="radio"/> No <input type="radio"/>
	Has the FCC determined that the tower has or will have, or potentially has or will have, an "adverse effect" on historic properties?	Yes <input type="radio"/> No <input type="radio"/>
	Has the licensee or tower owner received notification of complaint from the public, SHPO, or Council that the collocation will have an adverse effect on historic properties?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "Yes", further review is required including Section 106 Consultation.</i>	
◇	<b>Exclusion V - Collocation of antennas on buildings / non-tower structures</b>	
	Is the building/structure over 45 years old?	Yes <input type="radio"/> No <input type="radio"/>
	Is the building/structure located inside the boundary of a historic district, or if the antenna is visible from the ground level of the historic district, the building or structure is within 250 feet of the boundary of the historic district?	Yes <input type="radio"/> No <input type="radio"/>
	Is the building/structure a National Historic Landmark, or listed or eligible for listing on the NRHP?	Yes <input type="radio"/> No <input type="radio"/>
	Has the licensee received notification of complaint from the public, SHPO, or Council that the collocation will have an adverse effect on historic properties?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If the age of the building/non-tower structure is greater than 45 years, but the answer to the remaining three Stipulation conditions is 'No' (i.e. the age of the building is the only trigger for Section 106 review), then please refer to the following page for possible alternate exclusions for building collocations which may apply.</i>	

**R&O EXCLUSION ANALYSIS**

◇	<b>Categorical Exclusion of Deployments in Active Above-Ground Utility Right-Of-Ways</b>	
	The facility is not located within the boundaries of a National Historic Landmark, or property listed or eligible for listing on the National Register of Historic Places, or historic district.	Yes <input type="radio"/> No <input type="radio"/>
	The facility will be located in a right-of-way that is designated by a Federal, State, local, or Tribal government for communications towers, above-ground utility transmission or distribution lines, or any associated structures and equipment.	Yes <input type="radio"/> No <input type="radio"/>
	The right-of-way is in active use for such designated purposes.	Yes <input type="radio"/> No <input type="radio"/>

	The facility would not result in a Substantial Increase.	Yes <input type="radio"/> No <input type="radio"/>
	<p><i>In the context of this Categorical Exclusion, the term "Substantial Increase" is defined as:</i></p> <p>1. Increase the height of the tower or non-tower structure by more than 10% or twenty feet, whichever is greater, over existing support structures that are located in the right-of-way within the vicinity of the proposed construction;</p> <p>2. Involve the installation of more than four new equipment cabinets or more than one new equipment shelter;</p> <p>3. Add an appurtenance to the body of the structure that would protrude from the edge of the structure more than twenty feet, or more than the width of the structure at the level of the appurtenance, whichever is greater (except that the deployment may exceed this size limit if necessary to shelter the antenna from inclement weather or to connect the antenna to the tower via cable); and,</p> <p>4. Involve excavation outside the current site, defined as the area that is within the boundaries of the leased or owned property surrounding the deployment or that is in proximity to the structure and within the boundaries of the utility easement on which the facility is to be deployed, whichever is more restrictive.</p>	
	<i>If any of the above questions are answered "No", Section 106 consultation is required.</i>	
◇	<b>Deployments on New or Replacement Poles / Utility Structures</b>	
	Will all antennas that are part of the deployment fit within enclosures (or if the antennas are exposed, within imaginary enclosures) that are no more than three cubic feet in volume, and all antennas on the structure, including any pre-existing antennas on the structure, fit within enclosures (or if the antennas are exposed, within imaginary enclosures) that total no more than six cubic feet in volume?	Yes <input type="radio"/> No <input type="radio"/>
	Are all other wireless equipment associated with the structure, including pre-existing enclosures and including equipment on the ground associated with antennas on the structure, cumulatively no more than seventeen cubic feet in volume, exclusive of (i) Vertical cable runs for the connection of power and other services (ii) Ancillary equipment installed by other entities that is outside of the applicant's ownership or control, and (iii) Comparable equipment from pre-existing wireless deployments on the structure?	Yes <input type="radio"/> No <input type="radio"/>
	Will the deployment involve no new ground disturbance?	Yes <input type="radio"/> No <input type="radio"/>
	Will the deployment otherwise require the preparation of an EA under paragraph (a)(4)(i) of this section solely because of the age of the structure?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "No", Section 106 consultation is required.</i>	
◇	<b>Non Visible Antennas</b>	
	Is there an existing antenna on the building or structure?	Yes <input type="radio"/> No <input type="radio"/>
	Is the new antenna NOT visible from any adjacent street or surrounding public spaces and is the antenna added in the same vicinity as the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Does the new antenna comply with all zoning conditions and historic preservation conditions applicable to existing antennas in the same vicinity that directly mitigate or prevent effects, such as camouflage or concealment requirements?	Yes <input type="radio"/> No <input type="radio"/>
	Does the deployment of the new antenna involve no new ground disturbance?	Yes <input type="radio"/> No <input type="radio"/>
	Would the deployment otherwise require the preparation of an EA under paragraph (a)(4) of this section solely because of the age of the structure?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "No", Section 106 consultation is required.</i>	
◇	<b>Visible Replacement Antennas</b>	
	Is the antenna replacing an existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Will the new antenna be located in the same vicinity as the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Will the new antenna be visible only from adjacent streets and surrounding public spaces that afford views of the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Is the new antenna not more than 3 feet larger in height or width (including all protuberances) than the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Will the new equipment cabinets NOT be visible from adjacent streets or surrounding public spaces?	Yes <input type="radio"/> No <input type="radio"/>
	Does the new antenna comply with all zoning conditions and historic preservation conditions applicable to existing antennas in the same vicinity that directly mitigate or prevent effects, such as camouflage or concealment requirements?	Yes <input type="radio"/> No <input type="radio"/>
	Does the deployment of the new antenna involve no new ground disturbance?	Yes <input type="radio"/> No <input type="radio"/>
	Would the deployment otherwise require the preparation of an EA under paragraph (a)(4) of this section solely because of the age of the structure?	Yes <input type="radio"/> No <input type="radio"/>
	<i>If any of the above questions are answered "No", Section 106 consultation is required.</i>	
◇	<b>Other Visible Antennas</b>	
	Is there an existing antenna on the building or structure?	Yes <input type="radio"/> No <input type="radio"/>
	Will the new antenna be located in the same vicinity as the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Will the new antenna be visible only from adjacent streets and surrounding public spaces that afford views of the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>
	Was the existing antenna deployed NOT using this exclusion §1.1307(a)(4)(ii)(B)(2)(iii)?	Yes <input type="radio"/> No <input type="radio"/>
	Is the new antenna not more than 3 feet larger in height or width (including all protuberances) than the existing antenna?	Yes <input type="radio"/> No <input type="radio"/>



	Will the new equipment cabinets NOT be visible from adjacent streets or surrounding public spaces?	Yes <input type="radio"/> No <input type="radio"/>
	Does the new antenna comply with all zoning conditions and historic preservation conditions applicable to existing antennas in the same vicinity that directly mitigate or prevent effects, such as camouflage or concealment requirements?	Yes <input type="radio"/> No <input type="radio"/>
	Does the deployment of the new antenna involve no new ground disturbance?	Yes <input type="radio"/> No <input type="radio"/>
	Would the deployment otherwise require the preparation of an EA under paragraph (a)(4) of this section solely because of the age of the structure?	Yes <input type="radio"/> No <input type="radio"/>
<i>If any of the above questions are answered "No", Section 106 consultation is required.</i>		
<b>FINDINGS</b>		
<b>Section 106 consultation is required</b> In accordance with 47 CFR Part 1.1301-1.1319 of the FCC regulations.		Yes <input checked="" type="radio"/> No <input type="radio"/>
<i>Comments:</i> None		

# NEPA REVIEW SUMMARY

Lucas Tree Company  
Portland, Maine

<b>DESIGNATED WILDERNESS AREAS • 47 CFR §1.1307(a)(1)</b>
<b>DESIGNATED WILDLIFE PRESERVES • 47 CFR §1.1307(a)(2)</b>
<b>NATIONAL WILD AND SCENIC RIVERS • PUBLIC LAW 90-542</b>
<b>NATIONAL SCENIC TRAILS • PUBLIC LAW 90-543</b>
<b>Is the Undertaking located within a Designated Wilderness Area or Preserve or within 1-mile of a National Wild and Scenic River or National Scenic Trail?</b>

## Summary

The Undertaking is not located in an officially Designated Wilderness Area or Preserve or within one-mile of a National Wild and Scenic River or National Scenic Trail and the Undertaking is exempt from further review. This determination was made by the review of several online resources maintained by the United States Geological Survey (USGS), National Park Service (NPS), U.S. Forest Service (USFS), U.S. Fish and Wildlife Service (USFWS), and Bureau of Land Management (BLM).

## THREATENED AND ENDANGERED SPECIES • 47 CFR §1.1307(a)(3)

Will the Undertaking (i) affect listed threatened or endangered species or designated critical habitats; or (ii) are likely to jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973?

One federally-listed endangered, threated, or proposed species are known to occur within the vicinity of the Undertaking. This determination was made by the review of online resources maintained by the USFWS which identifies trust resources within the vicinity of the Undertaking.

Additionally, based on a review of the USFWS online Critical Habitat Portal the Undertaking is not located within a designated critical habitat.

CBRE also reviewed information provided by the Maine Natural Areas Program and the Maine Department of Inland Fisheries and Wildlife (MDIFW) to identify any state-protected resources that are known to occur within proximity of the Undertaking and found that no state-listed species are known to occur within the immediate proximity of the Undertaking.

CBRE found that no suitable habitats capable of supporting the federally or state-listed species were observed within the limits of the Undertaking. As such, the Undertaking is anticipated to have 'No Effect' on the protected species.

On November 22, 2016, CBRE submitted Undertaking details and a request for review to the Maine Natural Areas Program and the MDIFW. In a response dated November 23, 2016, the Maine Natural Areas Program stated that, "according to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. Based on the information in our files and the landscape context of this project, there is a low probability that rare or significant botanical features occur at this project location." CBRE received a response from the MDIFW on December 13, 2016 stating that, "there are no wildlife habitats of management concern, nor any known occurrences of rare, threatened or endangered wildlife species at this location." Therefore, no further consultation with the Maine Natural Areas Program or the MDIFW is required.

### Migratory Bird Review

On September 27, 2013, the USFWS revised the "Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning. These guidelines outline voluntary federal recommendations designed to minimize the impacts of tower facilities on migratory birds protected under the Migratory Bird Treaty Act (MBTA) and the Endangered Species Act. Based upon the Undertaking design (i.e. non guyed) and height (i.e. less than 200 feet above ground level), the Undertaking meets many of the recommendations set forth in the USFWS's Revised Guidelines. As such, it is unlikely that the Undertaking would adversely impact migratory bird species protected under the MBTA and the Endangered Species Act.

# NEPA REVIEW SUMMARY

Lucas Tree Company  
Portland, Maine

## Summary

The proposed Undertaking is not one that may affect listed, threatened or endangered species or designated critical habitats or is likely to jeopardize the continued existence of any proposed endangered or threatened species or is likely to result in the destruction or adverse modification of proposed critical habitats. (as determined by the Sec of Interior pursuant to the Endangered Species Act of 1973) (47 CFR §1.1307(a)(3)).

## HISTORIC PROPERTIES • 47 CFR §1.1307(a)(4)

Will the Undertaking affect districts, sites, buildings, structures or objects, significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places. (See 16 U.S.C. 470w(5); 36 CFR part 60 and 800.) To ascertain whether a proposed action may affect properties that are listed or eligible for listing in the National Register of Historic Places, an applicant shall follow the procedures set forth in the rules of the Advisory Council on Historic Preservation, 36 CFR part 800, as modified and supplemented by the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas, Appendix B to Part 1 of this Chapter, and the Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process, Appendix C to Part 1 of this Chapter?

It is CBRE's professional opinion that the proposed undertaking is *not exempt* from the consultation process set forth under Subpart B of 36 CFR Part 800 and under the provisions of the NPA and/or CNPA and that further Section 106 consultation with the SHPO is required.

### Section 106 Consultation Overview

CBRE initiated Section 106 Review of the proposed Undertaking which included defining the area of potential effects ("APE"), identifying historic properties within the APE, evaluating the historic significance of identified properties as appropriate, assessing the effects of the Undertaking on these historic properties and consulting with the requisite State Historic Preservation Office(s) ("SHPO"), interested tribes and the public.

CBRE reviewed documentation available online, through public participation and/or at the SHPO office and conducted an independent assessment to determine what historic properties, if any were located within the APE along with their historic significance. CBRE additionally conducted a reconnaissance of the Subject and properties within the APE in order to identify any additional historic properties not identified above. CBRE then evaluated whether any historic properties would be affected by the Undertaking. Based on this review, CBRE determined that the Undertaking would have *No Effect* on historic properties located within the APE.

### SHPO Review

CBRE submitted the above review and determination of effect using FCC Form 620 via the FCC's on-line Electronic Section 106 ("E-106") submission process on November 7, 2016. The submission included Undertaking drawings, the findings of archaeological review, copies of consultation correspondence to date, public notice documentation, and a request for comment to the SHPO. As of the date of this Report, the thirty-day comment period stipulated by the NPA has expired. Based on the lack of response from the SHPO and in accordance with the procedures set forth in the NPA, CBRE assumes concurrence with this conclusion.

# NEPA REVIEW SUMMARY

Lucas Tree Company  
Portland, Maine

## Summary

Consequently, pursuant to 36 CFR 800.4(d)(1), no further Section 106 consultation is required unless additional resources are discovered during Undertaking implementation pursuant to 36 CFR 800.13.

As such, the Undertaking is not one that may 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 NRHP and the Undertaking is exempt from further review.

## INDIAN RELIGIOUS SITES • 47 CFR §1.1307(a)(5)

### Will the Undertaking affect Indian Religious Sites?

CBRE reviewed documentation provided by Pyramid in order to determine whether the Undertaking fell within any criteria exemptions from Section 106 Review set forth in the NPA or CNPA.

According to this review, the Undertaking **does not** meet the exemptions from Section 106 Review set forth in the NPA or CNPA; therefore, Tribal consultation is required.

As part of the Undertaking's Section 106 Review, information pertaining to the Undertaking was posted through the FCC's online Tower Construction Notification System ("TCNS"). On September 9, 2016 (TCNS ID 142606) the FCC's TCNS sent the Undertaking information to the Tribes listed on their database who have interest in the state in which the Undertaking is planned. Additionally, CBRE submitted follow-up letters to each of the Tribes identified by the TCNS that have expressed interest in the Undertaking's geographical area.

Tribal Communication to date for this Undertaking is summarized in the attached table in the Appendix.

According to the attached TCNS Notice of Organizations email and subsequent consultation as described in the table above, the above tribe's have either requested a 30-day review period in which they will contact the applicant if they wish to participate in the consultation process, CBRE's consultation with each tribe with respect to the Undertaking scope and location has revealed they do not wish to consult further on the Undertaking or communication was referred to the FCC through the TCNS system. As of this writing it can be concluded that the above tribes do not wish to participate further in the consultation process, *provided work is stopped and they are contacted in the event of inadvertent discovery of cultural resources.*

### Summary

As such, the Undertaking is not one that may affect Native American religious sites.

## FLOOD PLAINS • 47 CFR §1.1307(a)(6)

Is the Undertaking one that is located within a flood plain?

Based on CBRE's review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, the proposed Undertaking is not located within a 100-year floodplain.

### Summary

The Undertaking is not located within a floodplain.



## **SURFACE FEATURES (WETLANDS) • 47 CFR §1.1307(a)(7)**

**Will the construction of the Undertaking involve significant changes in surface features?**

CBRE reviewed the USGS National Wetlands Inventory Global Information Systems (GIS) Mapper which includes a federal wetlands data layer prepared by the US Department of the Interior, Fish and Wildlife Service. The source material used to produce the National Wetlands Inventory digital data for these maps was prepared primarily by stereoscopic analysis of high altitude aerial photographs.

Based on CBRE's review, no mapped wetlands are located on or adjacent to the Undertaking. Furthermore, CBRE did not observe any vegetation consistent with a wetlands environment on or adjacent to the Subject.

CBRE also determined that the proposed Undertaking would not involve deforestation (to be differentiated from sporadic tree clearing) or water diversion.

### **Summary**

As such, the Undertaking is not one that will involve significant change in surface features (e.g., wetland fill, deforestation or water diversion).

## HIGH INTENSITY WHITE LIGHTS • 47 CFR §1.1307(a)(8)

Will the facility be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law?

### Summary

According to documentation provided by Pyramid and research completed by CBRE, the proposed Undertaking will not be equipped with high intensity white lights and/or is not located in a residential neighborhood.

## RADIO FREQUENCY RADIATION • 47 CFR §1.1307(b)

**Will the Facility, operation or transmitter, cause human exposure to levels of Radio-Frequency Radiation in excess of permissible limits?**

### Summary

An evaluation to determine whether radio frequency (RF) emission standards will be met is not included in this report. It is the understanding of CBRE that Pyramid or one of its representatives will evaluate the undertaking to ensure compliance with applicable RF standards as per 47 CFR 1.1307 (b).

## LIMITING CONDITIONS

- This report has been prepared in compliance with generally accepted practices for conducting NEPA screenings in general compliance with FCC procedures found at 47 CFR, Subchapter A, Chapter 1, Part 1, Subpart I, §§ 1.1301 to 1.1319.
- The observations described in this report were made under the conditions stated herein. The conclusions presented in this report were based solely upon the services described herein.
- In preparing this report, CBRE has relied on certain information provided by federal, state, and local officials and other parties referenced therein, and on information contained in the files of governmental agencies, that were readily available to CBRE at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, CBRE did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment. Observations were made of the site and of the structures on the site as indicated in this report. Where access to portions of the site or to structures on the site was unavailable or limited, CBRE renders no opinion as to the effect of the Undertaking on same.
- No subsurface testing was conducted to determine the presence or absence of cultural resources in the Undertaking area unless specifically delineated within this report.
- No wetlands delineation was conducted to determine the presence or absence of wetlands in the Undertaking area unless specifically delineated within this report.
- No formal biological assessment was conducted to determine the presence or absence of endangered species in the Undertaking area unless specifically delineated within this report.
- This report is not to be relied upon by any party nor used for any purpose other than that specifically stated within this Report's Introduction Section 2.1 without CBRE's advance and express written consent.

## REFERENCES

[www.wilderness.net](http://www.wilderness.net)  
[www.nps.gov/gis](http://www.nps.gov/gis)  
[www.blm.gov/nhp/facts/index.htm](http://www.blm.gov/nhp/facts/index.htm)  
[www.nationalatlas.gov/printable/fedlands.html#list](http://www.nationalatlas.gov/printable/fedlands.html#list)  
[www.terraserver.microsoft.com](http://www.terraserver.microsoft.com)  
[www.fws.gov/refuges/](http://www.fws.gov/refuges/)  
[www.fws.gov/GIS/data/CadastralDB/index.htm](http://www.fws.gov/GIS/data/CadastralDB/index.htm)  
[www.terraserver.microsoft.com](http://www.terraserver.microsoft.com)  
[www.nationalatlas.gov/printable/fedlands.html#list](http://www.nationalatlas.gov/printable/fedlands.html#list)  
[www.usfws.gov](http://www.usfws.gov)  
[www.crithab.fws.gov](http://www.crithab.fws.gov)  
[www.wireless.fcc.gov/siting/npa/intro.html](http://www.wireless.fcc.gov/siting/npa/intro.html)  
[www.grants.cr.nps.gov/CLG\\_NEW/CLG\\_REVIEW/search.cfm](http://www.grants.cr.nps.gov/CLG_NEW/CLG_REVIEW/search.cfm)  
[www.nationalregisterofhistoricplaces.com/state.html](http://www.nationalregisterofhistoricplaces.com/state.html)  
[www.tps.cr.nps.gov/nhl/default.cfm](http://www.tps.cr.nps.gov/nhl/default.cfm)  
[www.cr.nps.gov/nhl/designations/listsofNHLs.htm](http://www.cr.nps.gov/nhl/designations/listsofNHLs.htm)  
[www.wireless.fcc.gov/outreach/index.htm?job=tower\\_notification](http://www.wireless.fcc.gov/outreach/index.htm?job=tower_notification)  
[www.nps.gov/history/nagpra/](http://www.nps.gov/history/nagpra/)  
[www.wireless.fcc.gov/outreach/index.htm?job=tower\\_notification](http://www.wireless.fcc.gov/outreach/index.htm?job=tower_notification)  
FEMA Flood Insurance Maps- [www.fema.gov](http://www.fema.gov)  
Further Advice on Executive Order 11988 Floodplain Management - [www.fema.gov](http://www.fema.gov)  
US Department of the Interior, Fish and Wildlife Service, National Wetlands Mapper  
[www.wetlandsfws.er.usgs.gov/wtlnds/launch.html](http://www.wetlandsfws.er.usgs.gov/wtlnds/launch.html)  
[www.nps.gov/nts/maps.html](http://www.nps.gov/nts/maps.html)  
[www.nps.gov/ncrc/programs/nts/nts\\_trails.html](http://www.nps.gov/ncrc/programs/nts/nts_trails.html)  
CBRE also reviewed applicable state specific resources as applicable  
Client Provided Information  
"Indian Lands in the United States" prepared by the Bureau of Indian Affairs (BIA) Geographic Data Service Center,  
dated December 1998  
Tribal Correspondence as per TCNS Responses

## APPENDICES

# Appendix A

## PHOTOGRAPHS

# PHOTOGRAPHS



APE MAP FOR VISUAL EFFECTS AND PHOTO KEY

SOURCE: GOOGLE EARTH 2016





**APE MAP FOR VISUAL EFFECTS AND PHOTO KEY**

SOURCE: GOOGLE EARTH 2016

## PHOTOGRAPHS

The following photographs were taken by John W. Dumont, Jr., Professional Associate on October 17, 2016 unless otherwise noted.

1. View looking west to the Undertaking.



2. View looking south to the Undertaking.



3. View looking east to the Undertaking.



4. View looking west from the Undertaking.



5. View looking south from the Undertaking.



6. View looking east from the Undertaking.



7. View looking north from the Undertaking.



8. View toward the Undertaking. View is from Riverside Road and faces north/northwest.



9. View toward the Undertaking. View is from the intersection of East Bridge Street and Plymouth Road. View faces east.



10. View of the Friends Meeting House. View is from Forest Avenue and faces north.



11. View toward the Undertaking from the Friends Meeting House. View faces southwest.



12. View toward the Undertaking. View is from the intersection of Riverside Street and Industrial Way. View faces southwest.



13. View looking west along the access road toward the Undertaking.



14. View from the beginning of the access road. View looks down Riverside Street and faces north.





15. View from the beginning of the access road. View looks up Riverside Street and faces south.



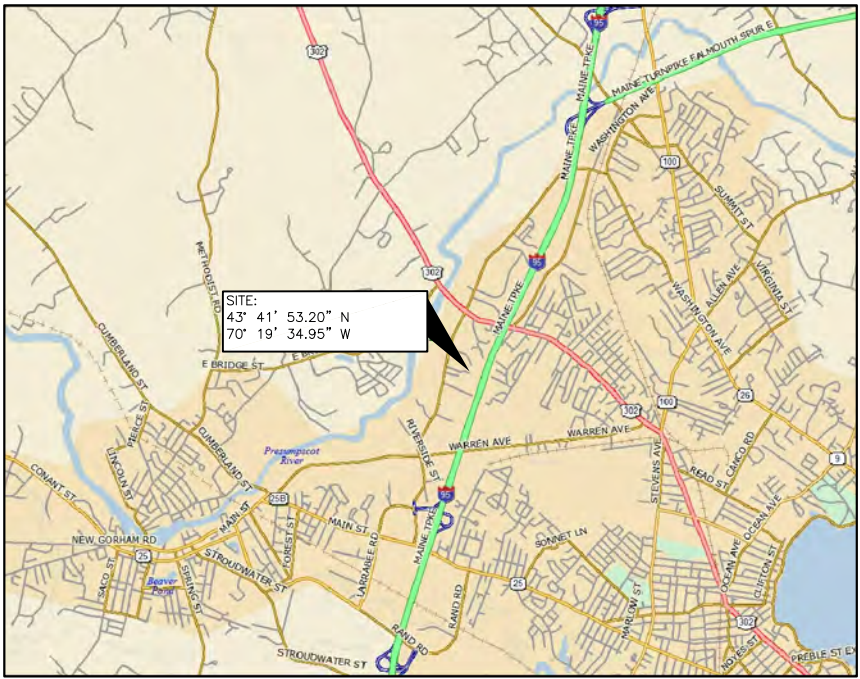
# Appendix B

## REFERENCES

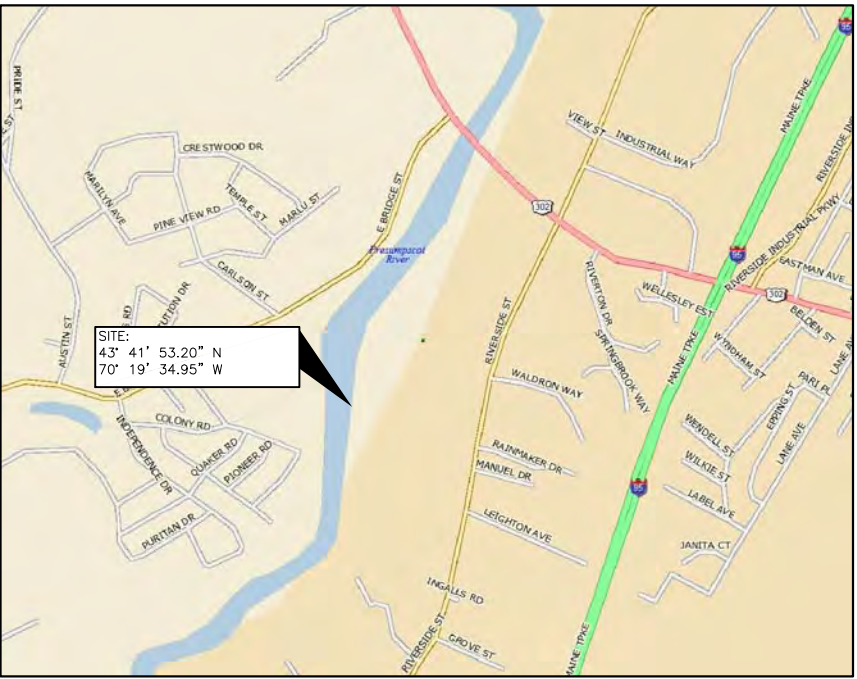
SITE DRAWINGS

CITY OF PORTLAND MAINE  
PROJECT 25 800 Mhz TRUNKED  
SIMULCAST RADIO SYSTEM

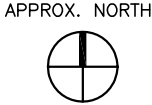
LUCAS TREE PROPERTY  
636 RIVERSIDE STREET  
PORTLAND, ME 04103  
CUMBERLAND COUNTY



VICINITY MAP  
N.T.S.



LOCATION MAP  
N.T.S.



**SITE INFORMATION**

SITE NAME: LUCAS TREE PROPERTY  
SITE ADDRESS: 636 RIVERSIDE STREET  
PORTLAND, ME 04103  
CUMBERLAND COUNTY  
LATITUDE: 43° 41' 53.20" N (NAD83)  
LONGITUDE: 70° 19' 34.95" W (NAD83)  
GROUND ELEVATION: 64' AMSL (NAVD88)

**PROJECT DIRECTORY**

PROPERTY OWNER: SOUTH PORTLAND  
PO BOX 9422  
SOUTH PORTLAND, ME 04116  
APPLICANT: MOTOROLA SOLUTIONS  
CONTACT: SCOTT MILLIGAN  
SENIOR PROJECT MANAGER  
MOTOROLA SOLUTIONS, INC.  
86 MAPLE RIDGE DRIVE  
WINTHROP, ME 04364  
scott.milligan@motorolasolutions.com  
OFFICE: (207) 377-6444  
CELL: (207) 215-6446  
PROJECT MANAGER: PYRAMID NETWORK SERVICES, LLC  
6519 TOWPATH ROAD  
EAST SYRACUSE, NY 13057  
MEREDITH MATHIAS (518) 791-0053  
ENGINEER: EBI CONSULTING  
21 B STREET  
BURLINGTON, MA 01803  
DALE PARADISE (908) 433-4664

**DRAWING INDEX**

SHEET NO.	TITLE	REV. NO.	DATE
T-1	TITLE SHEET	A	07/08/16
LE-1	OVERALL SITE PLAN	A	07/08/16
LE-2	COMPOUND PLAN & TOWER ELEVATION	A	07/08/16



RECEIVED AND ACCEPTED	
CUMBERLAND COUNTY REPRESENTATIVE:	RECEIVED:
	ACCEPTED:
MOTOROLA:	RECEIVED:
	ACCEPTED:
PROPERTY OWNER:	RECEIVED:
	ACCEPTED:

**GENERAL PROJECT DESCRIPTION:**  
CONSTRUCTION OF PUBLIC SAFETY COMMUNICATION SYSTEM CONSISTING OF: ANTENNAS & APPURTENANCES ON A NEW TOWER. NO WATER OR SEWER IS REQUIRED.

UNDERGROUND FACILITIES  
PROTECTIVE ORGANIZATION

CALL US TOLL FREE 1-800-962-7962 OR 811

EMERGENCY  
CALL 911



**NOTE:**  
ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.

PROJECT:  
CUMBERLAND COUNTY  
SIGC PROJECT  
PUBLIC SAFETY  
COMMUNICATIONS SYSTEM

PREPARED BY:  
**EBC Consulting**  
environmental | engineering | due diligence  
21 B Street | Burlington, MA 01803  
Tel: (781) 273-2500 | Fax: (781) 273-3311  
www.ebiconsulting.com

PREPARED FOR:  
**MOTOROLA SOLUTIONS**

PROJECT COORDINATION & MANAGEMENT:  
**Pyramid Network Services, LLC**  
6519 TOWPATH ROAD  
EAST SYRACUSE, NY 13057  
OFFICE: (315) 701-1302

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**SUBMITTALS**

NO.	DATE	DESCRIPTION	BY
A	07/08/16	ISSUED FOR REVIEW	SM
B	07/20/16	PER COMMENTS	MCH

EBC JOB NO:  
**8116000466**

SITE INFO:  
**LUCAS TREE PROPERTY**  
636 Riverside Street  
Portland, ME 04103

SHEET TITLE:  
**OVERALL SITE PLAN**

DRAWN BY: SM	SHEET NO: <b>LE-1</b>
CHECKED BY: DP	
DATE: 07/06/16	

APPROX. NORTH

RF SYSTEM SCHEDULE						
QUANTITY	ELEVATION	MANUFACTURER	ANTENNA MODEL	ANTENNA SIZE/TYPE	CABLE TYPE	CABLE LENGTH
1	180'	SINCLAIR	SC479-HF1LDF	14.5' OMNI	7/8"	220'
2	160'	SINCLAIR	SC479-HF1LDF	14.5' OMNI	7/8"	200'

PROJECT:  
 CUMBERLAND COUNTY  
 SICG PROJECT  
 PUBLIC SAFETY  
 COMMUNICATIONS SYSTEM

PREPARED BY:  
**EBC Consulting**  
 environmental | engineering | due diligence  
 21 B Street | Burlington, MA 01803  
 Tel: (781) 273-2500 | Fax: (781) 273-3311  
 www.ebiconsulting.com

PREPARED FOR:  
 **MOTOROLA SOLUTIONS**

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NO.	DATE	DESCRIPTION	BY
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B	07/20/16	PER COMMENTS	MCH

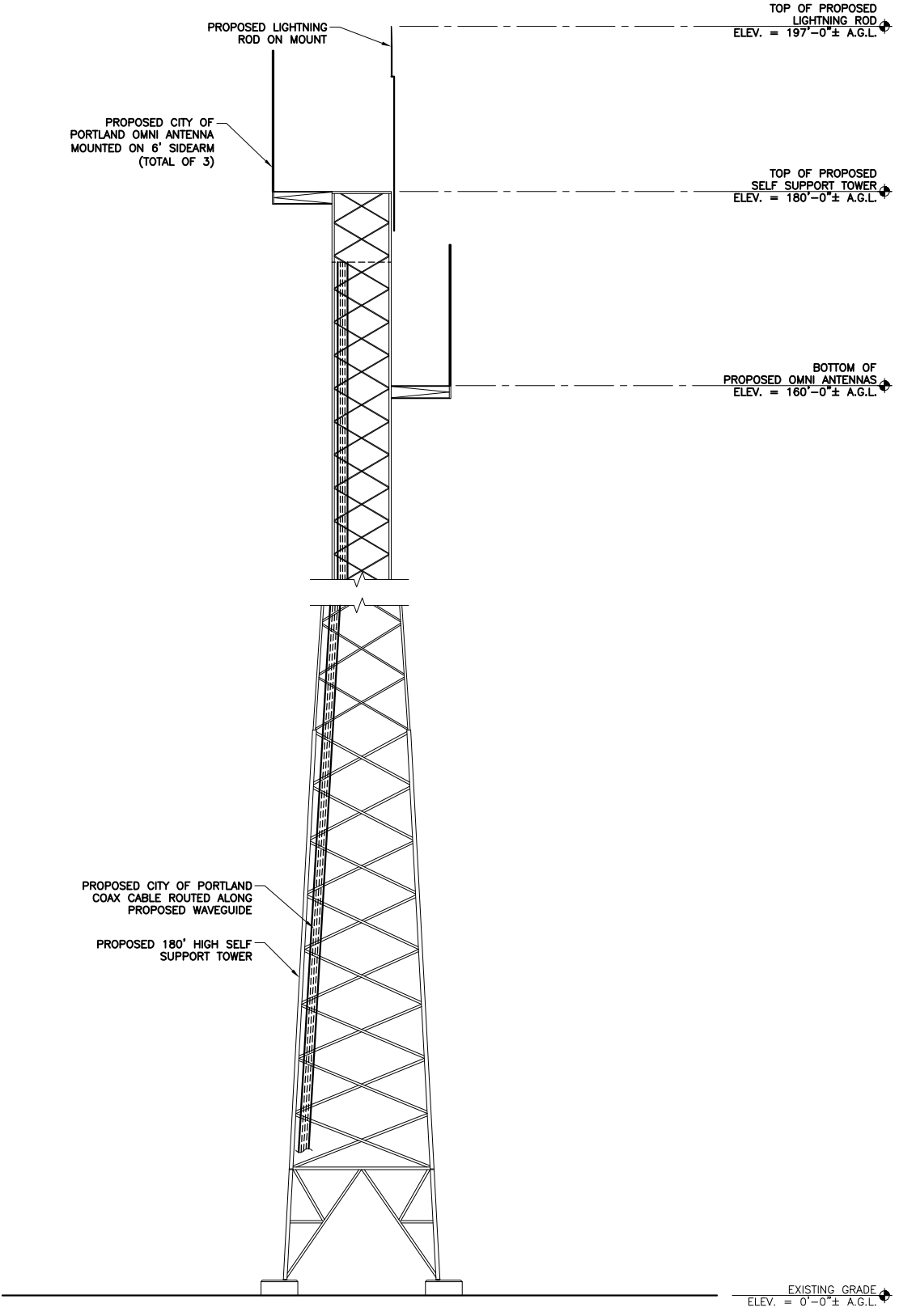
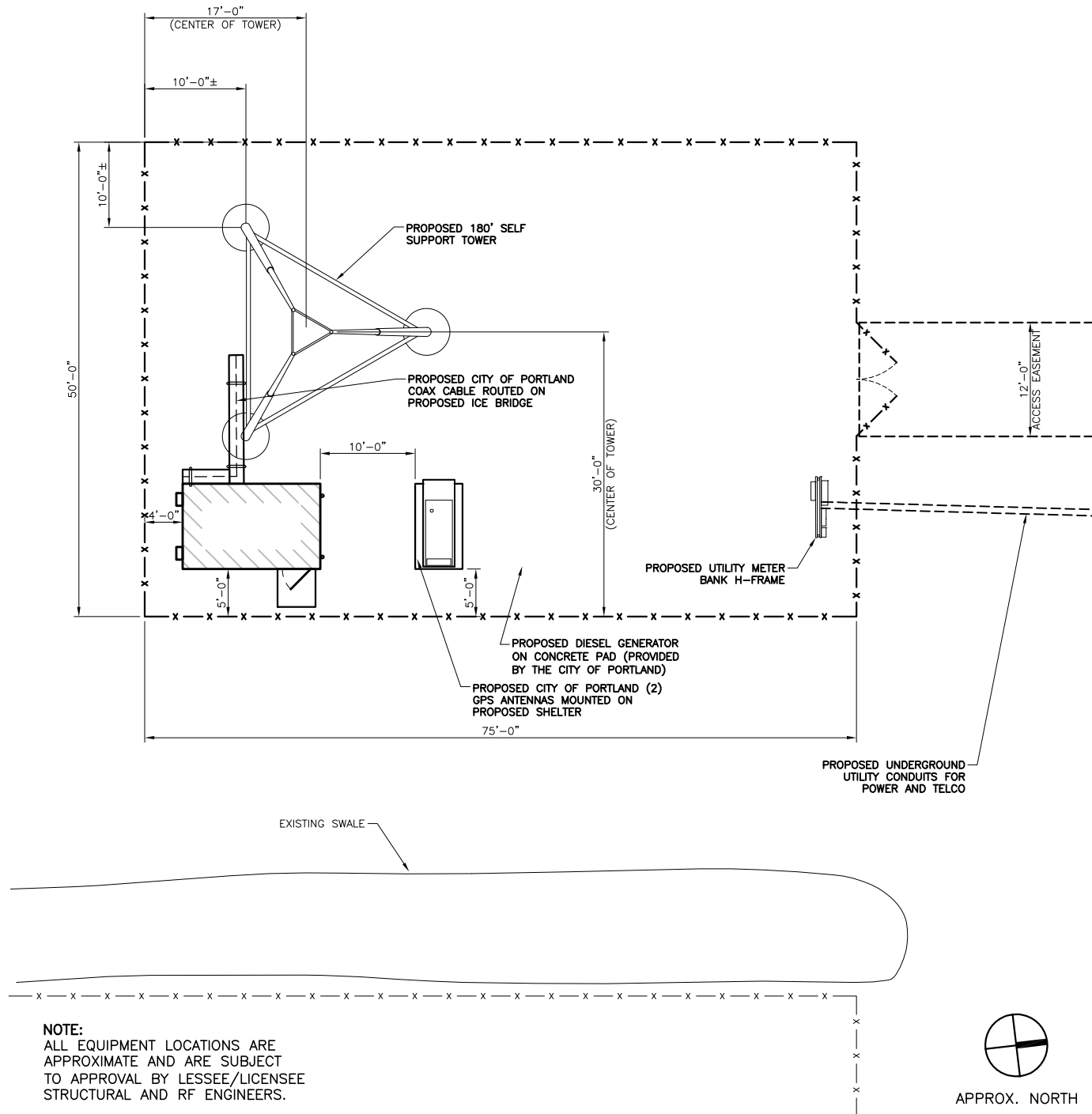
EBC JOB NO:  
**8116000466**

SITE INFO:  
**LUCAS TREE PROPERTY**  
 636 Riverside Street  
 Portland, ME 04103

SHEET TITLE:  
**COMPOUND PLAN & TOWER ELEVATION**

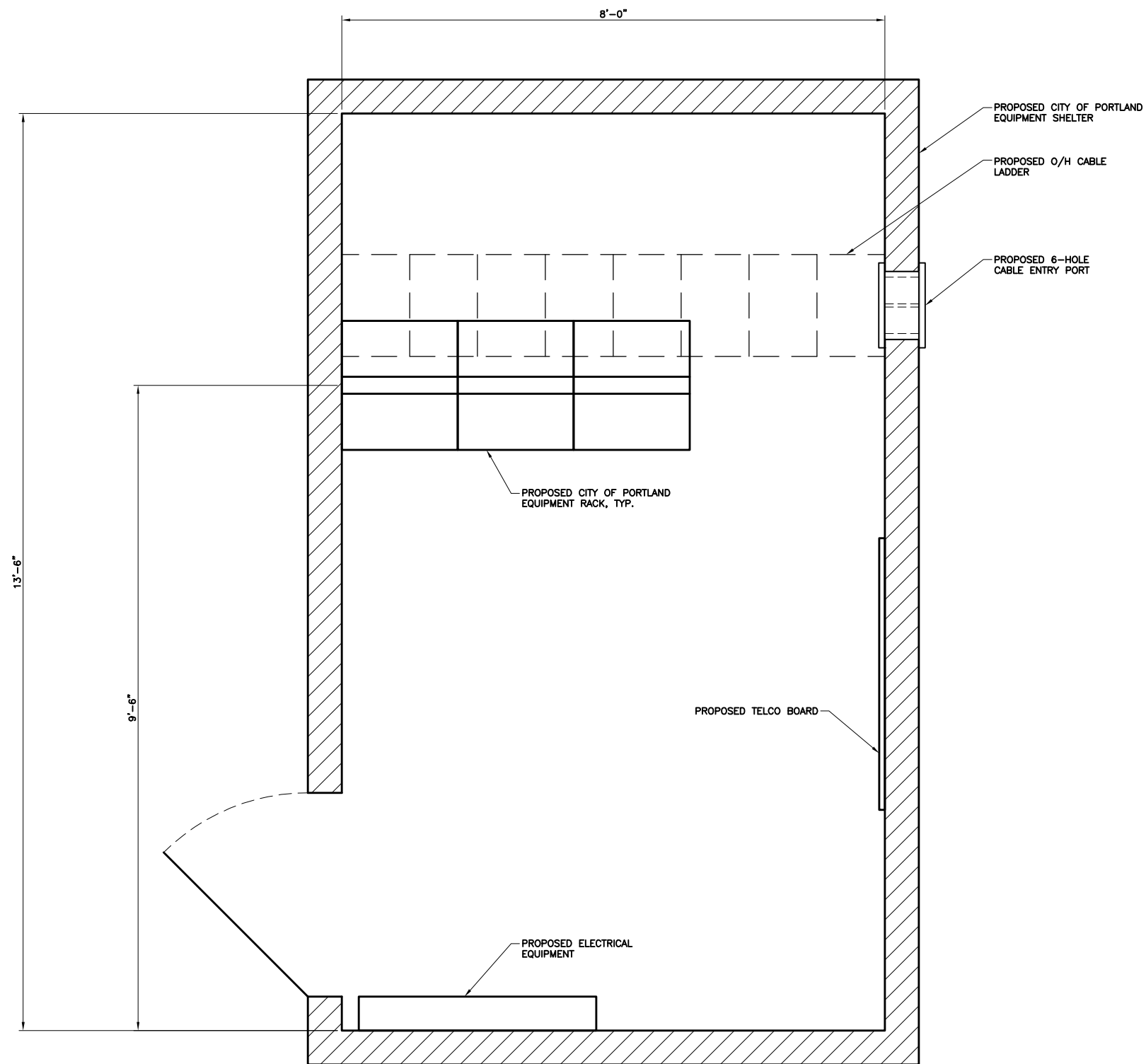
DRAWN BY: SM  
 CHECKED BY: DP  
 DATE: 07/06/16

SHEET NO:  
**LE-2**



NOTE:  
 ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.





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PROJECT:  
 CUMBERLAND COUNTY  
 SICG PROJECT  
 PUBLIC SAFETY  
 COMMUNICATIONS SYSTEM

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PREPARED FOR:  
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PROJECT COORDINATION & MANAGEMENT:  
  
**Pyramid Network Services, LLC**  
 6519 TOWPATH ROAD  
 EAST SYRACUSE, NY 13057  
 OFFICE: (315) 701-1302

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**SUBMITTALS**

NO.	DATE	DESCRIPTION	BY
A	07/08/16	ISSUED FOR REVIEW	SM
B	07/20/16	PER COMMENTS	MCH

EBI JOB NO:  
**8116000466**

SITE INFO:  
**LUCAS TREE PROPERTY**  
 636 Riverside Street  
 Portland, ME 04103

SHEET TITLE:  
**EQUIPMENT LAYOUT**

DRAWN BY: SM	SHEET NO: <b>LE-3</b>
CHECKED BY: DP	
DATE: 07/06/16	



# NATURAL RESOURCE CHECKLIST & EXEMPTION REVIEW



# NATURAL RESOURCES CHECKLIST & EXEMPTION REVIEW

<b>Client:</b>	Pyramid Network Services, LLC				
<b>Project Name/No.:</b>	Lucas Tree Company	<b>CBRE Project #:</b>	TS60715949	<b>Date:</b>	12/13/2016
<b>Address:</b>	636 Riverside Street	<b>City:</b>	Portland	<b>State:</b>	ME
<b>Latitude:</b>	43-41-53.26	<b>Longitude:</b>	70-19-33.9 W		
<b>Date of Site Visit:</b>	October 17, 2016	<b>Tower Height:</b>	197 feet		

TYPE OF UNDERTAKING	
<b>Tower Type</b>	<input type="radio"/> Monopole <input type="radio"/> Guyed Lattice <input type="radio"/> Compound Expansion <input checked="" type="radio"/> Self-Support Lattice <input type="radio"/> Stealth Structure <input type="radio"/> Other:
<b>Tree Removal</b>	Will the Undertaking involve the removal of any trees? <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>Previous Disturbance</b>	Will the Undertaking involve the removal of any native vegetation (i.e., vegetation other than cultivated plants and lawns)? <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>Impact Area and Vicinity Description</b>	The area of the proposed Undertaking, currently consists of a previously disturbed gravel and dirt lot with an existing access road extending north and east toward Riverside St. The parent parcel is currently a commercial and industrial property.

PROTECTED LAND REVIEW	
<b>Wilderness Area</b>	Will the Undertaking be located within a Designated Wilderness Area? Source: National Wilderness Preservation System (NWPS); National Park Service (NPS); U.S. Forest Service (USFS); U.S. Fish and Wildlife Service (USFWS); Bureau of Land Management (BLM); <a href="http://www.wilderness.net/index.cfm?fuse=NWPS">http://www.wilderness.net/index.cfm?fuse=NWPS</a> <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>Wildlife Preserve</b>	Will the Undertaking be located within a Designated Wildlife Preserve? Source: National Wildlife Refuge System (NWRS; NPS; USFS; USFWS; BLM); <a href="http://www.fws.gov/refuges">http://www.fws.gov/refuges</a> <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>U.S. FWS Threatened &amp; Endangered Species Active Critical Habitat</b>	Will the Undertaking be located with an area designed as active proposed or final habitat for threatened and endangered species? Source: USFWS Critical Habitat Map; <a href="http://fws.maps.arcgis.com/home/webmap/viewer.html?webmap=9d8de5e265ad4fe09893cf75b8dbfb77">http://fws.maps.arcgis.com/home/webmap/viewer.html?webmap=9d8de5e265ad4fe09893cf75b8dbfb77</a> <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>Wild &amp; Scenic Rivers</b>	Will the Undertaking be located within one mile of a National Wild and Scenic River? Source: NPS; USFS; USFWS; BLM; <a href="http://www.rivers.gov">http://www.rivers.gov</a> <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>National Scenic Trail</b>	Will the Undertaking be located within one mile of a National Scenic Trail? Source: NPS and Managing Systems and Trails Organization (MSTO); <a href="http://www.nps.gov/ncrc/programs/nts/nts_trails.html">http://www.nps.gov/ncrc/programs/nts/nts_trails.html</a> <span style="float: right;"><input type="radio"/> Yes    <input checked="" type="radio"/> No</span>
<b>Comments</b>	None

# NATURAL RESOURCES CHECKLIST & EXEMPTION REVIEW

FEDERALLY-PROTECTED SPECIES EXEMPTION REVIEW		
U.S. Fish and Wildlife Service 'No Effect' Exemptions	Does the USFWS Region have consultation exemptions for 'No Effect' determinations? <i>Source: <a href="http://www.fws.gov/mainefieldoffice/Project%20review5.html">http://www.fws.gov/mainefieldoffice/Project%20review5.html</a> – "If you are a Federal agency and used this process to reach a determination of "no effect" then print a copy of your species summary table and maintain it in your project file. Federal agencies do not need concurrence from the Fish and Wildlife Service for a "no effect" determination. No further consultation is needed with the Maine Field Office."</i>	<input checked="" type="radio"/> Yes <input type="radio"/> No
	Will the Undertaking have 'No Effect' on listed species? <i>Source: See attached species summary table</i>	<input checked="" type="radio"/> Yes <input type="radio"/> No

FINDINGS		
U.S. Fish and Wildlife Service Consultation	<b>Section 7 consultation is required with the USFWS</b> In accordance with 47 CFR Part 1.1307(a)(3) of the FCC regulations	<input type="radio"/> Yes <input checked="" type="radio"/> No

STATE-PROTECTED SPECIES EXEMPTION REVIEW		
State Agency Previously Disturbed Exemptions	Does the Maine Dept of Inland Fisheries & Wildlife or the Maine Natural Areas Program have consultation exemptions for tower projects located on previously disturbed land? <i>Source: <a href="http://www.maine.gov/ifw/wildlife/environmental/process.html">http://www.maine.gov/ifw/wildlife/environmental/process.html</a></i>	<input type="radio"/> Yes <input checked="" type="radio"/> No
	Does the Undertaking meet state consultation exemptions for tower projects located on previously disturbed land? <i>Source: Maine Dept of Inland Fisheries &amp; Wildlife/Maine Natural Areas Program</i>	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Not Applicable

FINDINGS		
State Agency Consultation	<b>Trust Resources consultation is required with the Maine Dept of Inland Fisheries &amp; Wildlife or the Maine Natural Areas Program</b> In accordance with 47 CFR Part 1.1307(a)(3) of the FCC regulations	<input checked="" type="radio"/> Yes <input type="radio"/> No

**Comments:** CBRE sent consultation letters to the Maine Natural Areas Program and the Maine Department of Inland Fisheries and Wildlife on November 11, 2016. The Maine Natural Areas Program replied on November 23, 2016 stating that, "according to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. Based on the information in our files and the landscape context of this project, there is a low probability that rare or significant botanical features occur at this project location." Therefore no further consultation with the Maine Natural Areas Program is required.

CBRE received the MDIFW response on December 13, 2016 stating that, "There are no wildlife habitats of management concern, nor any known occurrences of rare, threatened or endangered wildlife species at this location." Therefore no further consultation with the MDIFW is required.

FINDING OF EFFECT	
The Undertaking will have 'no effect' on listed resources.	<input checked="" type="radio"/>
The Undertaking 'may affect, not likely to adversely affect' listed resources.	<input type="radio"/>

# NATURAL RESOURCES CHECKLIST & EXEMPTION REVIEW

## MIGRATORY BIRD REVIEW

<b>Tower Height</b>	Will the proposed tower be over 450 feet in height? <i>Source: Client-provided drawings</i>	<input type="radio"/> Yes* <input checked="" type="radio"/> No
<p><b>Comments:</b>                  On September 27, 2013, the USFWS revised the "Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning. These guidelines outline voluntary federal recommendations designed to minimize the impacts of tower facilities on migratory birds protected under the Migratory Bird Treaty Act (MBTA) and the Endangered Species Act. Based upon the Undertaking design (i.e. non guyed) and height (i.e. less than 200 feet above ground level), the Undertaking meets many of the recommendations set forth in the USFWS's Revised Guidelines. As such, it is unlikely that the Undertaking would adversely impact migratory bird species protected under the MBTA and the Endangered Species Act.  <b>*FCC NEPA rules require the preparation of an Environmental Assessment for all towers over 450 feet in height.</b></p>		

## FLOOD ZONE AND WETLANDS REVIEW

<b>Flood Zone</b>	Will the Undertaking be located within a 100-year floodplain? <i>Source: Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (www.fema.gov; Map Number 2300510006C, effective date December 8, 1998)</i>	<input type="radio"/> Yes* <input checked="" type="radio"/> No
<b>Wetlands</b>	Will the Undertaking be located within a wetland? <i>Source: USFWS National Wetlands Inventory (NWI) map; United States Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS) Web Soil Survey (WSS).</i>	<input type="radio"/> Yes* <input checked="" type="radio"/> No
<p><b>*FCC NEPA rules require the preparation of an Environmental Assessment for all towers located in Flood Zones and Wetlands.</b></p>		


## QUALIFIED PERSONNEL

<b>Completed By:</b>	<i>Christopher Bond</i>	<b>Reviewed By:</b>	<i>E. Gio Del Rio</i>
	Christopher Bond Project Manager - Biologist		Gio Del Rivero Director, Project Management

## TOPOGRAPHIC MAP



### USGS Topographic Map

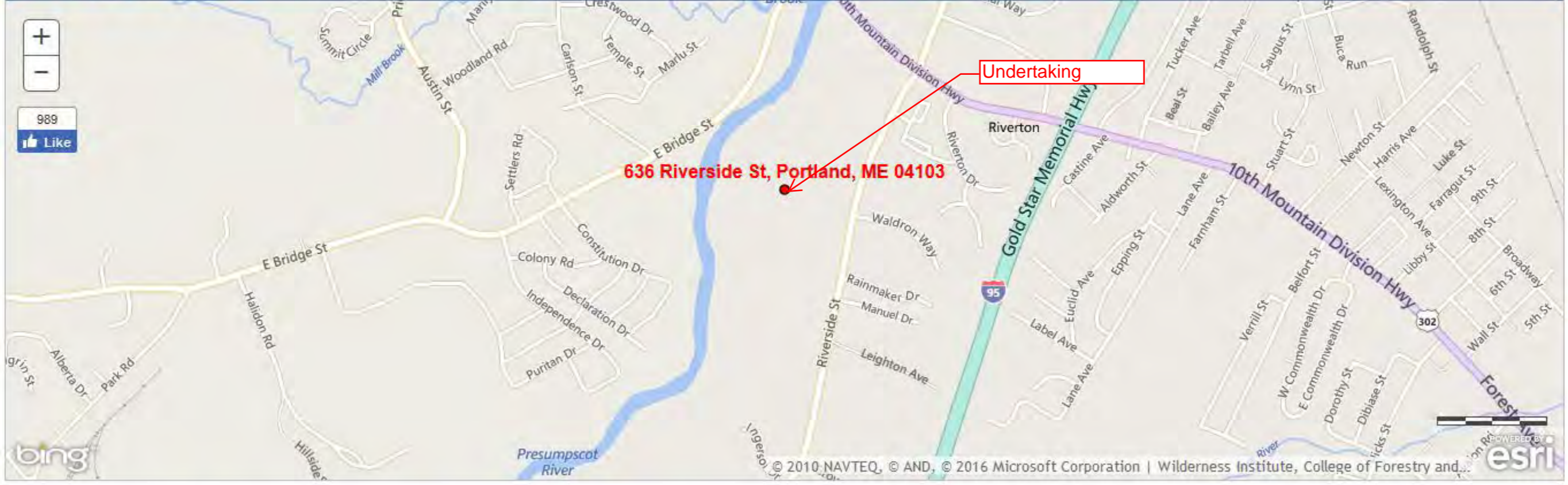
Source: USGS (Portland West, ME 1978)  
 One Mile Radius: 

Project: Lucas Tree Company  
 Portland, ME  
 Project Number: TS60715949

## WILDERNESS AREA MAP

NAVIGATION BASEMAPS

ZOOM BY TYPING OR SELECTING A WILDERNESS FIND A CITY/ROAD/PLACE Go! Aerial Topo Roads



## WILDLIFE PRESERVE MAP



Details Basemap

Print Measure 636 Riverside Street, Portland, ME

About Content Legend

- Contents
- National Wildlife Refuge Boundaries
- Topographic



# USFWS CRITICAL HABITAT MAP

Details

Basemap

Share

Print

Measure

Bookmarks

636 Riverside Street, Portland, ME  

About Content Legend

Legend

Final Linear Features



Final Polygon Features



Proposed Linear Features



Proposed Polygon Features



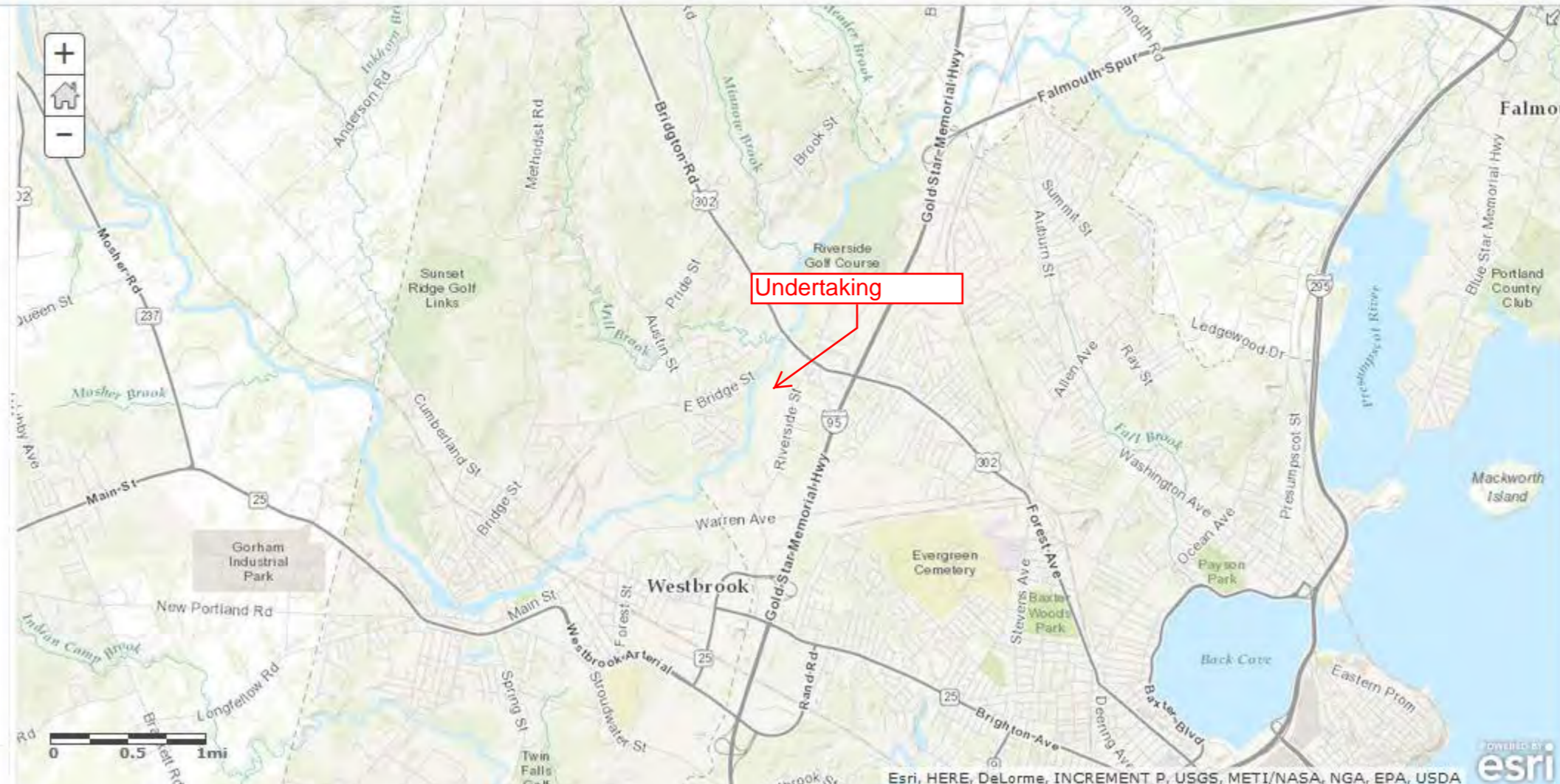
NATIONAL WILD AND SCENIC RIVERS MAP

Details | Basemap

Share | Print | Measure | 636 Riverside Street, Portland, ME

About | Content | Legend

**Legend**  
REC\_US\_WSR  
Wild & Scenic Rivers



# NATIONAL SCENIC AND HISTORIC TRAILS MAP



Undertaking

CANADA  
UNITED STATES

MAINE

AUGUSTA

VT.

MONTPELIER

White Mountain  
NF

N.H.

CONCORD

NEW ENGLAND  
NATIONAL SCENIC TRAIL

Green Mountain  
NF

Fort Stanwix  
NM

YRACUSE

UTICA

ALBANY

PITTSFIELD

NEW YORK

ITHACA

MASS.

AMHERST

Boston Harbor Islands NRA  
BOSTON

CONN.  
SPRINGFIELD

PROVIDENCE

NEWPORT

WATERBURY

FEDERALLY-PROTECTED SPECIES EXEMPTION REVIEW  
SUPPORT DOCUMENTATION





Northeast Region

# Maine Field Office - Ecological Services

October 30, 2012

17 Godfrey Drive  
Suite 2  
Orono, ME 04473  
(207) 866-3344

Staff Directory

Home

What We Do

Endangered Species

Species List and Project Reviews

Environmental Contaminants

Conservation Planning Assistance

Migratory Birds

Wind Energy Guidance

Bald and Golden Eagle Protection Act

Partners for Fish and Wildlife

Driving Directions

## Species Lists and Project Reviews in Maine



### Step 5

**(A) If you are a Federal agency...**    **(B) If your project will have a Federal nexus...**    **(C) If your project has no Federal nexus...**

Congratulations your project evaluation is almost complete. By this point, your species summary table should be completed for columns 2 and 4. In this last step you will complete the project review process depending on whether a) you are a Federal agency, b) your project will have a Federal nexus, or c) your project has no Federal nexus. To assist you further, we have provided two examples of completed species summary tables below.

**(A) If you are a Federal agency** that funds, permits, constructs or provides technical assistance to a project, you are responsible for making initial determinations under the ESA in coordination with the Fish and Wildlife Service. The Federal agency may use the table below as a guide to make initial determinations for federally listed and candidate species and critical habitat under section 7 of the ESA. This table should guide you in determining if your actions will have "no effect" or "may effect" listed species and their critical habitat. This process is not intended to provide guidance on determinations of "not likely to adversely affect" or "adversely affect" listed species or critical habitat. If your project species summary table results in a preliminary determination of "may affect" federally listed species or may disturb eagles, then you must consult with the Maine Field Office with your project review package.

	Possible Conclusions	ESA Section 7
Conservation Planning Assistance	In the <b>action area</b> , the species is not present <b>AND</b> there is no suitable habitat present <b>AND</b> there is no critical habitat present	No Effect
Migratory Birds	Suitable habitat present, species not present	May affect
Wind Energy Guidance	Species present	May affect
Bald and Golden Eagle Protection Act	Critical habitat present	May affect
Partners for Fish and Wildlife	Candidate species present or their habitat present	Recommend coordination with the Maine Field Office to develop measures to avoid effects
Driving Directions	Unlikely to take or disturb nesting bald eagles	No Eagle Act permit required
	May take or disturb nesting bald eagles	Eagle Act permit may be required

If the ESA section 7 determination for any species or critical habitat is "may affect" you should submit a request to the Maine Field Office to initiate consultation. Attach the [online project review request letter](#) (MS Word Format) and ensure you provide all requested information below. We will respond after we receive a complete project review package, which includes:

- Your name and contact information
- Project title used in IPaC
- A brief project description
- Your official species list from IPaC
- A map of your project action area (IPaC action area map)
- A map from the Maine Field Office's Bald Eagle Map Tool (if applicable)
- A completed species summary table
- Any additional information that supports the determination made in you species summary table

If you are a Federal agency and you answered "don't know" in steps 3 to 4, then submit a complete project review package as described as above. Additional coordination with the Fish and Wildlife Service will be needed to arrive at a final determination under the ESA.

If you are a Federal agency and used this process to reach a determination of "no effect" then print a copy of your species summary table and maintain it in your project file. Federal agencies do not need concurrence from the Fish and Wildlife Service for a "no effect" determination. No further consultation is needed with the Maine Field Office.

The project proponent is responsible for making the final determination for the Eagle Act. Please refer proponents who believe their projects may take or disturb bald or golden eagles to contact the Maine Field Office as an Eagle Act permit may be required.

Submit your consultation package

- by email to: [Shay\\_white@fws.gov](mailto:Shay_white@fws.gov)
- by mail to: Project Review, U.S. Fish and Wildlife Service, 17 Godfrey Drive, Suite 2, Orono, ME 04473

**(B) If you are a consultant or individual WITH a project having Federal agency involvement (any action authorized, funded, or carried out)**, please provide a complete project review package to the appropriate Federal agency. The Federal agency then has a responsibility under the ESA to make a determination regarding effects to listed species and consult with the Maine Field Office as described above in (A).

**(C) If you are a consultant or individual WITHOUT Federal agency involvement (any action authorized, funded, or carried out)**, project review with the Maine Field Office pursuant to section 7 of the ESA is not required but other provisions in the ESA still apply. For instance, **no person is authorized to "take" (kill, injure, harm, harass, etc.) listed species without appropriate authorization from the Service.** Therefore, we provide technical assistance to individuals and State or local agencies

to assist with project planning to avoid the potential for "take," or when appropriate, to provide assistance with their application for a take permit pursuant to section 10 of the ESA. For more information on incidental take permits and associated Habitat Conservation Plans (HCPs), please review the [Service's HCP Web site](#) for information such as:

- Frequently Asked Questions on HCPs
- USFWS Habitat Conservation Plan Information
- HCP and Incidental Take Permit Process
- HCP Handbook
- 5-point Policy Initiative (Addendum to the Habitat Conservation Plan Handbook)

Please contact the Maine Field office if you believe your project may take listed or candidate species or bald and golden eagles.

**EXAMPLES OF SPECIES SUMMARY TABLES (MS Word Format):**

Species Summary Table - Project 1 ([Project where review and a response by this office is not necessary](#)).

Species Summary Table - Project 2 ([Project where review and a response by this office will be necessary](#))

---

To navigate within **Species List and Project Reviews in Maine**, select the desired step below:

[Intro](#)

[Step 1](#)

[Step 2](#)

[Step 3](#)

[Step 4](#)

[Step 5](#)

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Last updated: October 30, 2012



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

Maine Ecological Services Field Office

306 HATCHERY ROAD

EAST ORLAND, ME 04431

PHONE: (207)469-7300 FAX: (207)469-6725

URL: [www.fws.gov/mainefieldoffice/index.html](http://www.fws.gov/mainefieldoffice/index.html)

Consultation Code: 05E1ME00-2017-SLI-0062

November 02, 2016

Event Code: 05E1ME00-2017-E-00071

Project Name: Lucas Tree Company - TS60715949

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies the threatened, endangered, candidate, and proposed species and designated or proposed critical habitat that may occur within the boundary of your proposed project or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC Web site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the Endangered Species Consultation Handbook at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

This species list also identifies candidate species under review for listing and those species that the Service considers species of concern. Candidate species have no protection under the Act but are included for consideration because they could be listed prior to completion of your project. Species of concern are those taxa whose conservation status is of concern to the Service (i.e., species previously known as Category 2 candidates), but for which further information is needed.

If a proposed project may affect only candidate species or species of concern, you are not required to prepare a Biological Assessment or biological evaluation or to consult with the Service. However, the Service recommends minimizing effects to these species to prevent future conflicts. Therefore, if early evaluation indicates that a project will affect a candidate species or species of concern, you may wish to request technical assistance from this office to identify appropriate minimization measures.

Please be aware that bald and golden eagles are not protected under the Endangered Species Act but are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). Projects affecting these species may require development of an eagle conservation plan:

[http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html) Information on the location of bald eagle nests in Maine can be found on the Maine Field Office Web site:

<http://www.fws.gov/mainefieldoffice/Project%20review4.html>

Additionally, wind energy projects should follow the wind energy guidelines:

<http://www.fws.gov/windenergy/> for minimizing impacts to migratory birds and bats. Projects may require development of an avian and bat protection plan.

Migratory birds are also a Service trust resource. Under the Migratory Bird Treaty Act, construction activities in grassland, wetland, stream, woodland, and other habitats that would result in the take of migratory birds, eggs, young, or active nests should be avoided. Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm> and at:

<http://www.towerkill.com>; and at:  
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior  
Fish and Wildlife Service

Project name: Lucas Tree Company - TS60715949

## Official Species List

### Provided by:

Maine Ecological Services Field Office

P. O. BOX A

EAST ORLAND, ME 04431

(207) 469-7300

<http://www.fws.gov/mainefieldoffice/index.html>

**Consultation Code:** 05E1ME00-2017-SLI-0062

**Event Code:** 05E1ME00-2017-E-00071

**Project Type:** COMMUNICATIONS TOWER

**Project Name:** Lucas Tree Company - TS60715949

**Project Description:** A 197' Self Support Tower within a 50'x75' compound is proposed. A 12' wide access easement will partially utilize an existing access road to connect the wireless telecommunications facility to Riverside Street to the east.

**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior  
Fish and Wildlife Service

Project name: Lucas Tree Company - TS60715949

### Project Location Map:



**Project Coordinates:** MULTIPOLYGON (((-70.32376527786255 43.69820395229092, -70.32467722892761 43.69832030460307, -70.32599687576294 43.698390115881985, -70.32638311386108 43.6983435750384, -70.32643675804138 43.698196195462074, -70.32651722431181 43.69820152825244, -70.32653599977492 43.6981006893952, -70.32635360956192 43.69808905413152, -70.3263321518898 43.69819377142327, -70.32638311386108 43.698195710630664, -70.32635897397995 43.69832563738239, -70.32597273588179 43.69835278622032, -70.32436072826384 43.69822948515904, -70.32379746437071 43.69814416002296, -70.32376527786255 43.69820395229092)))

**Project Counties:** Cumberland, ME



United States Department of Interior  
Fish and Wildlife Service

Project name: Lucas Tree Company - TS60715949

## Endangered Species Act Species List

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Mammals	Status	Has Critical Habitat	Condition(s)
Northern long-eared Bat ( <i>Myotis septentrionalis</i> ) Population: Wherever found	Threatened		





United States Department of Interior  
Fish and Wildlife Service

Project name: Lucas Tree Company - TS60715949

## **Critical habitats that lie within your project area**

There are no critical habitats within your project area.

STATE-PROTECTED SPECIES CONSULTATION  
SUPPORT DOCUMENTATION



**STATE OF MAINE**  
**DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY**

93 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

**PAUL R. LePAGE**  
GOVERNOR

**WALTER E. WHITCOMB**  
COMMISSIONER

November 22, 2016

Christopher Bond  
CBRE Inc  
4 West Red Oak Lane  
White Plains, NY 10504

Via email: [christopher.bond@cbre.com](mailto:christopher.bond@cbre.com)

Re: Rare and exemplary botanical features in proximity to: Project #TS60715949, Telecommunications Facility, Lucas Tree Company, 636 Riverside Street, Portland, Maine

Dear Mr. Bond:

I have searched the Natural Areas Program's Biological and Conservation Data System files in response to your request received November 22, 2016 for information on the presence of rare or unique botanical features documented from the vicinity of the project in Portland, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. Based on the information in our files and the landscape context of this project, there is a low probability that rare or significant botanical features occur at this project location.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.

The Natural Areas Program is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. The Natural Areas Program welcomes coordination with individuals or organizations proposing environmental alteration, or conducting environmental assessments. If, however, data provided by the Natural Areas Program are to be published in any form, the Program should be informed at the outset and credited as the source.

**MOLLY DOCHERTY, DIRECTOR**  
MAINE NATURAL AREAS PROGRAM



PHONE: (207) 287-8044  
FAX: (207) 287-8040  
WWW.MAINE.GOV/DACF/MNAP

Letter to Christopher Bond  
Comments RE: Lucas Tree Company, Telecommunications Facility  
November 22, 2016  
Page 2 of 2

The Natural Areas Program has instituted a fee structure of \$75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for \$150.00 for two hours of our services.

Thank you for using the Natural Areas Program in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,



Don Cameron | Ecologist | Maine Natural Areas Program  
207-287-8041 | [don.s.cameron@maine.gov](mailto:don.s.cameron@maine.gov)



**Christopher Bond**  
Project Manager - Biologist

CBRE, Inc.  
Telecom Advisory Services

4 West Red Oak Lane  
White Plains, New York 10604

914-597-6956 Tel  
914-316-0303 Cell

Christopher.bond@cbre.com  
www.cbre.com

November 16, 2016

Maine Natural Areas Program

**Email:** maine.nap@maine.gov

Re: Trust Resources Review  
"Lucas Tree Company"  
636 Riverside Street  
Portland, Cumberland County, Maine 04103  
Latitude 43° 41' 53.26"N, Longitude 70° 19' 33.90"W  
Tower Type/Height: Self-Support – 197 ft.  
CBRE Project No.: TS60715949

To whom it may concern:

CBRE is conducting an environmental review of the above-referenced telecommunications facility. CBRE is submitting the information contained herein for your review and comment with respect to the potential impacts of the proposed facility on jurisdictional trust resources of the Maine Natural Areas Program at the request of Pyramid Network Services, LLC.

### **Project Summary**

As of the date of this Review, Pyramid Network Services, LLC proposes the construction of a 197 ft. self-support tower (all appurtenances) along with the installation of ancillary equipment at ground level within an approximately 50' x 75' lease parcel. Access will be provided by a proposed 12' wide access road extending north and east toward Riverside Street. Utilities are proposed to run underground along the proposed access road to a proposed utility pole adjacent to Riverside Street to the east. Please see the attached site drawings for complete details.

### **Property and Vicinity Description**

The parent parcel is currently an existing commercial and light industrial property with a surrounding gravel parking lot. The area of the proposed installation (herein, the Undertaking), currently consists of a gravel parking area and a previously disturbed grass area to the north.

If feasible, please forward your response directly to me via email at [WhitePlainsBiology@cbre.com](mailto:WhitePlainsBiology@cbre.com). Should you have questions or wish to discuss this further, please contact me at the email above or by phone at (914) 597-6956.

Sincerely,

A handwritten signature in black ink that reads "Christopher Bond". The signature is written in a cursive style with a light blue shadow effect behind the text.

Chris Bond  
Project Manager – Biologist

**Attachment: Action area map**



## Action Area Map

Source: Google Earth  
Approximate Disturbance:



Project: Lucas Tree Company  
Portland, ME  
Project Number: TS60715949

See Appendix B for Site Drawings



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## Christopher S. Bond

<b>Education:</b>	M.S. Environmental Science, Sacred Heart University B.S. Traditional Biology, Sacred Heart University
<b>Licenses/Registrations</b>	Methodology for Delineating Wetlands, Rutgers University NYS Wetlands Forum Member, 2015
<b>Years of Experience:</b>	3 years

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### Summary of Professional Experience

Mr. Bond is a Biologist and Project Manager at CBRE, Inc. Telecom Advisory Services for over two years. He has conducted Migratory Bird Surveys, consulted on Wetland Delineations, Natural Resource and NEPA reviews for various clients within the telecommunications industry.

Mr. Bond's environmental experience extends from both his background in biology and chemistry. Specifically, Mr. Bond has conducted environmental sampling of rivers, streams and groundwater for presence of harmful chemicals and suspended solids. Mr. Bond has also conducted biological surveys for different migratory bird species and invertebrate diversity within streams and rivers. He also has experience coordinating and working with the USFWS Field Offices throughout the United States.

Mr. Bond received his Bachelor of Science at Sacred Heart University with majors in Traditional Biology. Mr. Bond also received his Master of Science in Environmental Science at the Sacred Heart University Environmental Graduate Program. While attending graduate school, he participated in Project Limulus where he conducted species surveys of horseshoe crab populations within the Long Island Sound. Mr. Bond was also a co-writer of "Estimation of Short-Term Tag-Induced Mortality in Horseshoe Crab *Limulus Polyphemus*" which was published in *Biology Faculty Publications* in 2011.

**From:** [Lindsay, Scott](#)  
**To:** [Bond, Christopher @ White Plains](#)  
**Subject:** RE: Lucas Tree Company - MDIFW Trust Resources Consultation Letter  
**Date:** Tuesday, December 13, 2016 1:34:14 PM

---

Chris,

I have reviewed the site plan for this proposed communication tower at 636 Riverside St. in Portland. I have compared this with our records of wildlife habitats and rare species occurrences. There are no wildlife habitats of management concern, nor any known occurrences of rare, threatened or endangered wildlife species at this location.

Thank you for your inquiry.

Scott Lindsay  
Regional Wildlife Biologist  
Sebago Lake Region  
Maine Dept. of Inland Fisheries & Wildlife  
358 Shaker Rd.  
Gray, ME 04938  
office: 207-657-2345 x 110  
cell: 207-592-2941  
fax: 207-657-2980  
email: [scott.lindsay@maine.gov](mailto:scott.lindsay@maine.gov)  
website: [www.maine.gov/ifw](http://www.maine.gov/ifw)



Correspondence to and from this office is considered a public record and may be subject to a request under the Maine Freedom of Access Act. Information that you wish to keep confidential should not be included in email correspondence.

---

**From:** Bond, Christopher @ White Plains [<mailto:Christopher.Bond@cbre.com>]  
**Sent:** Tuesday, November 22, 2016 8:29 AM  
**To:** Lindsay, Scott  
**Cc:** White Plains Biology  
**Subject:** Lucas Tree Company - MDIFW Trust Resources Consultation Letter

Good Morning Scott,

The MDIFW Trust Resources Consultation Letter for the Lucas Tree Company project is attached for your review. Please let me know if you require any additional information for your review or if you have any questions.

Best Regards,

Christopher Bond | Project Manager – Biologist

**CBRE Inc. | Telecom Advisory Services**

4 West Red Oak Lane | White Plains, NY 10604

T 914.597.6956 | C 914.316.0303

[christopher.bond@cbre.com](mailto:christopher.bond@cbre.com) | [www.cbre.com](http://www.cbre.com) | [www.ivi-telecom.com](http://www.ivi-telecom.com)



**Christopher Bond**  
Project Manager - Biologist

CBRE, Inc.  
Telecom Advisory Services

4 West Red Oak Lane  
White Plains, New York 10604

914-597-6956 Tel  
914-316-0303 Cell

Christopher.bond@cbre.com  
www.cbre.com

November 16, 2016

Mr. Scott Lindsay  
Regional Biologist  
Maine Department of Inland Fisheries and Wildlife  
Region A  
RR1, 358 Shaker Road  
Gray, ME 04039  
(207) 657-2345 ext 110  
[Scott.Lindsay@maine.gov](mailto:Scott.Lindsay@maine.gov)

Re: Trust Resources Review  
"Lucas Tree Company" –  
636 Riverside Street  
Portland, Cumberland County, Maine 04103  
Latitude 43° 41' 53.26"N, Longitude 70° 19' 33.90"W  
Tower Type/Height: Self-Support – 197 ft.  
CBRE Project No.: TS60715949

Dear Mr. Lindsay:

CBRE is conducting an environmental review of the above-referenced telecommunications facility. CBRE is submitting the information contained herein for your review and comment with respect to the potential impacts of the proposed facility on jurisdictional trust resources of the Maine Department of Inland Fisheries and Wildlife at the request of Pyramid Network Services, LLC.

### **Project Summary**

As of the date of this Review, Pyramid Network Services, LLC proposes the construction of a 197 ft. self-support tower (all appurtenances) along with the installation of ancillary equipment at ground level within an approximately 50' x 75' lease parcel. Access will be provided by a proposed 12' wide access road extending north and east toward Riverside Street. Utilities are proposed to run underground along the proposed access road to a proposed utility pole adjacent to Riverside Street to the east. Please see the attached site drawings for complete details.

### **Property and Vicinity Description**

The parent parcel is currently an existing commercial and light industrial property with a surrounding gravel parking lot. The area of the proposed installation (herein, the Undertaking), currently consists of a gravel parking area and a previously disturbed grass area to the north.

November 16, 2016

"Lucas Tree Company" – Proposed Wireless Telecommunications Facility

Pyramid Network Services, LLC

Page 2

### Protected Species Review

CBRE reviewed online resources maintained by your agency to identify any state-protected species that are known to occur within proximity of the proposed Undertaking. Based on CBRE's review of these online resources, there are currently 26 inland fish and wildlife species listed as Endangered and 25 listed as Threatened under Maine's Endangered Species Act [MESA], some of which are also listed under the U.S. Endangered Species Act [ESA].

Please note however, although federal and state-listed threatened and endangered species were identified as being potentially present within the vicinity of the proposed communications facility, the location of the proposed facility is currently developed with a gravel parking area and a previously disturbed grass area to the north. As such, suitable habitats capable of supporting the listed threatened and endangered species were not noted at the proposed communications facility location, and the proposed installation is anticipated to have 'No Effect' on listed species.

A review of Maine's Essential and Significant Wildlife Habitats with respect to the proposed location of the Undertaking is provided on the attached table.

### Migratory Birds

Consideration should also be given to the potential impacts of the construction and ongoing operation of the proposed installation on species protected under the Migratory Bird Treaty Act (MBTA) and ESA. On September 14, 2000, the USFWS issued their *Interim Guidelines for Recommendations on Communications Tower Siting, Construction, Operation, and Decommissioning* (see [http://www.fws.gov/habitatconservation/com\\_tow\\_guidelines.pdf](http://www.fws.gov/habitatconservation/com_tow_guidelines.pdf)). The USFWS *Interim Guidelines* are considered voluntary federal recommendations; however, CBRE recommends they be followed to the extent feasible to minimize and/or avoid potential adverse impacts to migratory birds.


The proposed tower will be a 197 ft. self-supported (i.e. no guys wires) tower with no lighting. As such, it meets most of the USFWS's tower siting and design recommendations and is therefore not anticipated to adversely affect migratory birds.

Based on the results of this Review as summarized herein, it is the opinion of CBRE that the proposed telecommunications facility will have no effect on identified protected species.

If feasible, please forward your response directly to me via email at [WhitePlainsBiology@cbre.com](mailto:WhitePlainsBiology@cbre.com). Should you have questions or wish to discuss this further, please contact me at the email above or by phone at (914) 597-6956.

November 16, 2016  
"Lucas Tree Company" – Proposed Wireless Telecommunications Facility  
Pyramid Network Services, LLC  
Page 3

Sincerely,

A handwritten signature in cursive script that reads "Christopher Bond".

Chris Bond  
Project Manager – Biologist

**Attachment: Action area map**

- Topographic map
- Action area photos
- Construction Drawings
- Maine Essential Wildlife Habitats and Significant Wildlife Habitats Map
- Maine List of Endangered and Threatened Species
- Species Summary Table



## Action Area Map

Source: Google Earth  
Approximate Disturbance:



Project: Lucas Tree Company  
Portland, ME  
Project Number: TS60715949



## USGS Topographic Map

Source: USGS (Portland West, ME 1978)

One Mile Radius:



Project: Lucas Tree Company

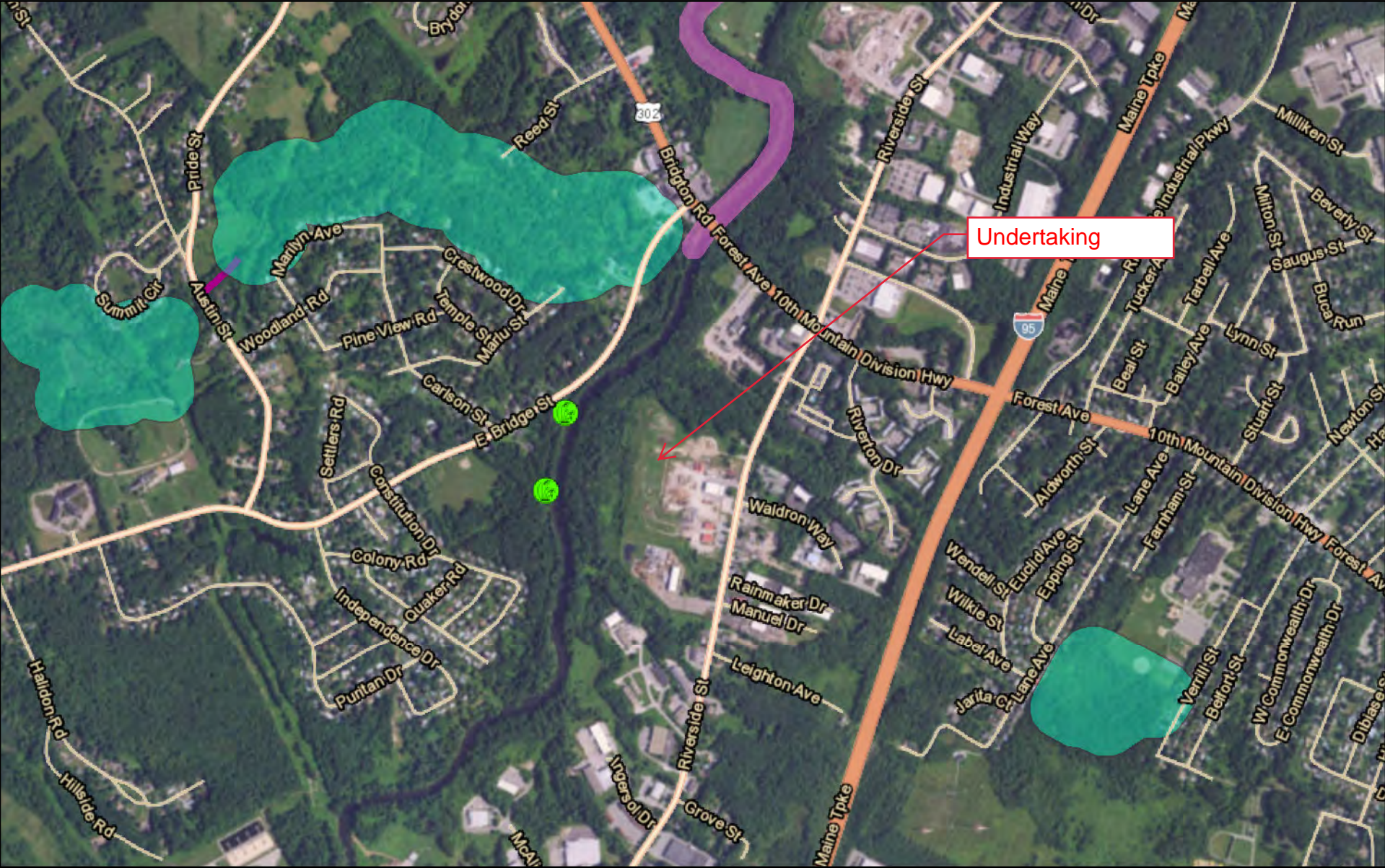
Portland, ME

Project Number: TS60715949







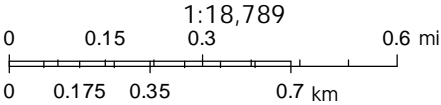
See Appendix A for Photographs

# Beginning With Habitat



November 18, 2016

-  Rare Plant Locations
-  Wild Brook Trout Habitat
-  Inland Wading Bird and Waterfowl Habitat
-  Atlantic Salmon Rearing Habitat



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors  
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

See Appendix B for Site Drawings

## [Inland Fisheries & Wildlife](#)

[Home](#) → [Wildlife](#) → [Endangered and Threatened Wildlife](#) → [State List](#)

# State List of Endangered & Threatened Species

Endangered and Threatened inland fish and wildlife species in Maine are listed either under [Maine's Endangered Species Act \[MESA\]](#), the [U.S. Endangered Species Act \[ESA\]](#), or both. Species listed under MESA receive state protection; species listed under ESA receive federal protection; and species listed under both receive state and federal protection.

The Maine Department of Inland Fisheries and Wildlife holds management responsibility for inland fish and wildlife listed under MESA, and shares responsibility with the [U.S. Fish and Wildlife Service \[USFWS\]](#) for inland fish and wildlife listed under ESA.

Endangered and Threatened marine species are listed under [Maine's Marine Endangered Species Act](#) or ESA. The [Maine Department of Marine Resources \[MDMR\]](#) has responsibility for these species.

The Maine Endangered Species Act applies only to animals - plants are not included in the legislation. The [Maine Natural Areas Program](#) maintains an "official" list of rare and endangered plants in Maine.

There are currently 22 inland fish and wildlife species listed as Endangered and 23 listed as Threatened under Maine's Endangered Species Act [MESA], some of which are also listed under the U.S. Endangered Species Act [ESA].

Information about the status, life history, and conservation of each listed species is available in a fact sheet linked to the species name in the following lists. Fact sheets are available in PDF format.

*Species listed through the Maine Department of Inland Fisheries and Wildlife under Title 12 § 12803. Marine species listed separately through the Maine Department of Marine Resources under Title 12 § 6975, and federally listed species not listed under Maine's Endangered Species Act, are not included in this list.*

To view the PDF documents below, you will need the [free Adobe Reader](#). If you need assistance, view our [PDF Help page](#), [email us](#) or call us at **(207) 287-8000**.

## Maine's Endangered Species

October 15, 2015

### Birds

- [American Pipit \(PDF\)](#) (*Anthus rubescens*) (breeding population only) ([species plan](#))
- Black-crowned Night Heron (*Nycticorax nycticorax*)
- [Black Tern \(PDF\)](#) (*Chlidonias niger*)
- [Golden Eagle \(PDF\)](#) (*Aquila chrysaetos*) ([species plan](#))
- [Grasshopper Sparrow \(PDF\)](#) (*Ammodramus savannarum*)
- Least Bittern (*Ixobrychus exilis*)
- [Least Tern \(PDF\)](#) (*Sterna antillarum*) ([species plan](#))
- [Peregrine Falcon \(PDF\)](#) (*Falco peregrinus*) (breeding population only)
- [Piping Plover \(PDF\)](#) (*Charadrius melodus*) ([species plan](#))\*\*
- [Roseate Tern \(PDF\)](#) (*Sterna dougallii*) ([species plan](#))\*
- [Sedge Wren \(PDF\)](#) (*Cistothorus platensis*)

### Fish

- Redfin Pickerel (*Esox americanus americanus*)

### Invertebrates

#### Beetles

- Cobblestone Tiger Beetle (*Cicindela marginipennis*)

## Butterflies and Skippers

- [Edwards' Hairstreak \(PDF\)](#)  
(*Satyrium edwardsii*)
- Frigga Fritillary (*Boloria frigga*)
- [Hessel's Hairstreak \(PDF\)](#)  
(*Callophrys hesseli*)
- Juniper Hairstreak  
(*Callophrys gryneus*)
- [Katahdin Arctic \(PDF\)](#) (*Oenis polixenes katahdin*)

## Dragonflies and Damselflies

- Rapids Clubtail (*Gomphus quadricolor*)

## Snails

- Six-whorl Vertigo (*Vertigo morsei*)

## Mammals

- Little Brown Bat (*Myotis lucifugus*)
- New England Cottontail  
(*Sylvilagus transitionalis*)  
([species plan](#))
- Northern Long-eared Bat  
(*Myotis septentrionalis*)\*\*

## Reptiles

### Snakes

- [Black Racer \(PDF\)](#) (*Coluber constrictor*) ([species plan](#))

### Turtles

- [Blanding's Turtle \(PDF\)](#)  
(*Emydoidea blandingii*)  
([species plan](#))

- [Box Turtle \(PDF\)](#) (*Terrapene carolina*) ([species plan](#))

## Maine's Threatened Species

October 15, 2015

### Birds

- [Arctic Tern \(PDF\)](#) (*Sterna paradisaea*) ([species plan](#))
- [Atlantic Puffin \(PDF\)](#) (*Fratercula arctica*) ([species plan](#))
- Barrow's Goldeneye (*Bucephala islandica*) ([species plan](#))
- Common Gallinule (*Gallinula chloropus*)
- Great Cormorant (*Phalacrocorax carbo*) (Breeding population only)
- [Harlequin Duck \(PDF\)](#) (*Histrionicus histrionicus*) ([species plan](#))
- [Razorbill \(PDF\)](#) (*Alca torda*) ([species plan](#))
- Short-eared Owl (*Asio flammeus*) (Breeding population only)
- [Upland Sandpiper \(PDF\)](#) (*Bartramia longicauda*) ([species plan](#))`

### Fish

- [Swamp Darter \(PDF\)](#) (*Etheostoma fusiforme*)

### Invertebrates

#### Butterflies and Skippers

- [Clayton's Copper \(PDF\)](#) (*Lycaena dorcas claytoni*) ([species plan](#))
- Purple Lesser Fritillary (*Boloria chariclea grandis*)
- Sleepy Duskywing (*Erynnis brizo*)

#### Dragonflies and Damselflies

- Boreal Snaketail (*Ophiogomphus colubrinus*)
- [Ringed Boghaunter \(PDF\)](#) (*Williamsonia lintneri*)

#### Freshwater Mussels

- [Brook Floater \(PDF\)](#) (*Alasmidonta varicosa*)
- [Tidewater Mucket \(PDF\)](#) (*Leptodea ochracea*)
- [Yellow Lampmussel \(PDF\)](#) (*Lampsilis cariosa*)

#### Mayflies

- [Roaring Brook Mayfly \(PDF\)](#) (*Epeorus frisoni*)
- Tomah Mayfly (*Siphonisca aerodromia*)

## **Moths**

- [Pine Barrens Zanclognatha \(PDF\)](#) (*Zanclognatha martha*)
- [Twilight Moth \(PDF\)](#) (*Lycia rachelae*)

## **Mammals**

- Eastern Small-footed Bat (*Myotis leibii*)
- [Northern Bog Lemming \(PDF\)](#) (*Synaptomys borealis*)

## **Reptiles**

- [Spotted Turtle \(PDF\)](#) (*Clemmys guttata*) ([species plan](#))

**\* Federally listed as Endangered**

**\*\* Federally listed as Threatened**

## **Credits**

Copyright © 2013  
All rights reserved.



## Species Summary Table

Your name: Christopher Bond / CBRE

Project name used in IPaC: Lucas Tree Company

Date: 11/16/2016

Step 2 Listed or candidate species that are likely present according to the Official Species List from IPaC?  "No Species" or IPaC species list  Bald eagle nests from Step 4.	Step 2 Is your action area in critical habitat (only for Canada lynx or Atlantic salmon)?  Yes or No	Step 3A Is suitable habitat for listed or candidate species present in your action area?  "suitable habitat present" "suitable habitat not present" "Don't know"	Step 3B Does the species occur in your action area?  "Species present" "Species not present" "Don't know"	Step 4 Is your project likely to take or disturb eagles and require an Eagle Act permit?  "Will not disturb" "May disturb" "Don't know"	Step 5 Determinations for the Endangered Species Act – <b>only Federal agencies complete this column</b>  "No effect" "May effect"	Notes and Documentation (provide additional information if needed)
Northern Long-eared Bat	No	Suitable habitat not present	Species not present		No Effect	Project action area consists of an existing gravel parking lot and disturbed grass areas. No suitable roosting trees are present.
Bald Eagle		Suitable habitat not present		Will not disturb	No Effect	Action area is more than 8 miles from the nearest bald eagle nest.
Piping Plover/Least Tern – Essential Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped essential wildlife habitat area.
Roseate Tern – Essential Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped essential wildlife habitat area.
Deer Wintering areas – Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped significant wildlife habitat area.

Inland waterfowl/wading bird habitats - Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped significant wildlife habitat area.
Seabird nesting islands - Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped significant wildlife habitat area.
Shorebird areas - Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped significant wildlife habitat area.
Significant vernal pools - Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in mapped significant wildlife habitat area.
Tidal waterfowl/wading bird habitats - Significant Wildlife Habitat		Suitable habitat not present			No Effect	Project action area is not located in a coastal zone.

Date: 11/16/2016

---

## Christopher S. Bond

<b>Education:</b>	M.S. Environmental Science, Sacred Heart University B.S. Traditional Biology, Sacred Heart University
<b>Licenses/Registrations</b>	Methodology for Delineating Wetlands, Rutgers University NYS Wetlands Forum Member, 2015
<b>Years of Experience:</b>	3 years

---

### Summary of Professional Experience

Mr. Bond is a Biologist and Project Manager at CBRE, Inc. Telecom Advisory Services for over two years. He has conducted Migratory Bird Surveys, consulted on Wetland Delineations, Natural Resource and NEPA reviews for various clients within the telecommunications industry.

Mr. Bond's environmental experience extends from both his background in biology and chemistry. Specifically, Mr. Bond has conducted environmental sampling of rivers, streams and groundwater for presence of harmful chemicals and suspended solids. Mr. Bond has also conducted biological surveys for different migratory bird species and invertebrate diversity within streams and rivers. He also has experience coordinating and working with the USFWS Field Offices throughout the United States.

Mr. Bond received his Bachelor of Science at Sacred Heart University with majors in Traditional Biology. Mr. Bond also received his Master of Science in Environmental Science at the Sacred Heart University Environmental Graduate Program. While attending graduate school, he participated in Project Limulus where he conducted species surveys of horseshoe crab populations within the Long Island Sound. Mr. Bond was also a co-writer of "Estimation of Short-Term Tag-Induced Mortality in Horseshoe Crab *Limulus Polyphemus*" which was published in *Biology Faculty Publications* in 2011.

## E. Gio Del Rivero

**Education:** B.S., Earth and Environmental Science, University of Illinois

**Years of Experience:** 7+ years

---

### Summary of Professional Experience

Mr. Del Rivero holds a Bachelor's of Science Degree in Earth and Environmental Science. He has more than 7 years of experience as an Environmental Professional in the telecommunications field, providing environmental and regulatory due diligence under the National Historic Preservation Act, the National Environmental Policy Act, and the Endangered Species Act. As a Project Scientist, he completed hundreds of Section 106 and NEPA reports throughout the United States, as well as Phase I Environmental Site Assessments. In his previous role as Project Manager, Mr. Del Rivero has provided quality control, conducted Natural Resources reviews nationwide, managed portfolios, and acted as a client liaison. In consultation with carriers and USFWS field offices, Mr. Del Rivero has developed mitigation strategies to avoid potential adverse effects to endangered species.

In addition to his experience working with natural resources and environmental due diligence, Mr. Del Rivero has also conducted numerous Phase II Environmental Site Assessments for telecommunications projects and geotechnical investigations for new roadway development projects.

## QUALIFIED PERSONNEL

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## Christopher S. Bond

<b>Education:</b>	M.S. Environmental Science, Sacred Heart University B.S. Traditional Biology, Sacred Heart University
<b>Licenses/Registrations</b>	Methodology for Delineating Wetlands, Rutgers University NYS Wetlands Forum Member, 2015
<b>Years of Experience:</b>	3 years

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### Summary of Professional Experience

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In addition to his experience working with natural resources and environmental due diligence, Mr. Del Rivero has also conducted numerous Phase II Environmental Site Assessments for telecommunications projects and geotechnical investigations for new roadway development projects.

HISTORIC SITES

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**CBRE**



## **Sabol, Amanda @ White Plains**

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**From:** towernotifyinfo@fcc.gov  
**Sent:** Wednesday, December 14, 2016 1:46 PM  
**To:** White Plains Cultural Resources  
**Subject:** Section 106 Notification of Applicant/Consultant Recording SHPO/THPO's Offline Response- Email ID #2081003

This is to notify you that the Applicant/Consultant has recorded the SHPO/THPO's offline response for the following filing:

Date of Action: 12/14/2016

Response: Concur

Direct Effect: No Historic Properties in Area of Potential Effects (APE)

Visual Effect: No Effect on Historic Properties in APE

Comment Text: SHPO did not respond within the 30-day review period, concurrence assumed.

File Number: 0007537778

TCNS Number: 142606

Purpose: New Tower Submission Packet

Notification Date: 7AM EST 11/07/2016

Applicant: City of Portland Maine c/o Pyramid Network Services, LLC

Consultant: CBRE Telecom Advisory Services

Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No

Site Name: Lucas Tree Company

Site Address: 636 Riverside Street

Detailed Description of Project: Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound

Site Coordinates: 43-41-53.3 N, 70-19-33.9 W

City: Portland

County: CUMBERLAND

State:ME

Lead SHPO/THPO: Maine Historic Preservation Commission (Deputy SHPO)

### **NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE**

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.



4 West Red Oak Lane  
White Plains, New York 10604  
+1 914 597 6991 Tel  
+1 914 439 0527 Cell  
Laura.mancuso@cbre.com  
www.cbre.com

**Laura Mancuso**  
Director, Cultural Resources

CBRE, Inc.  
Telecom Advisory Services

Date: December 13, 2016

Subject: Pyramid Network Services, LLC Lucas Tree Company Tower Site  
Raw Land-New Build (197-foot Self Support Tower Proposed)  
636 Riverside Street, Portland, Cumberland County, ME 04103

To Whom It May Concern,

The SHPO did not respond within 30 days to CBRE's determination of no historic properties in the area of potential effects. As outlined in the Nationwide Programmatic Agreement (NPA), this establishes a presumption that SHPO concurs with the applicant's determination that there are no historic properties in the area of potential effects.

Sincerely,

A handwritten signature in black ink that reads 'Laura Mancuso'. The signature is written in a cursive style with a large, stylized 'L' and 'M'.

Laura Mancuso  
Director, Cultural Resources



**Laura L. Mancuso**  
Director, Cultural Resources

CBRE, Inc.  
Telecom Advisory Services

4 West Red Oak Lane  
White Plains, New York 10604

914.597.6991 Office  
914.439.0527 Cell

[laura.mancuso@cbre.com](mailto:laura.mancuso@cbre.com)  
[www.cbre.com](http://www.cbre.com)

November 4, 2016

Maine Historic Preservation Commission  
c/o Mr. Kirk F. Mohny, Director  
55 Capitol Street  
65 State House Station  
Augusta, Maine 04333-0065

Re: Proposed Telecommunications Facility  
"Lucas Tree Company"  
636 Riverside Street  
Portland, Maine  
**CBRE Project No.: TS60715949**

Dear Mr. Mohny:

CBRE is writing on behalf of the City of Portland to solicit your comments on a proposed telecommunications facility at the above referenced address. As the Project is a federal undertaking regulated by the Federal Communications Commission (FCC), it is being reviewed under Section 106 of the National Historic Preservation Act for its impacts to historic architectural and archaeological resources.

The proposed facility will consist of a 197-foot self-support lattice tower along with the installation of ancillary equipment at the above referenced address.

Please do not hesitate to contact me with any questions. Thank you for your time and attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Laura L. Mancuso". The signature is written in a cursive style.

Laura L. Mancuso  
Director, Cultural Resources

Notification Date: 7AM EST 11/07/2016

New Tower ("NT") Submission Packet

See instructions for  
public burden estimates

File Number: 0007537778

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>0003673142</b>
4) Name: <b>City of Portland Maine c/o Pyramid Network Services, LLC</b>

Contact Name

5) First Name: <b>Meredithe</b>	6) MI:	7) Last Name: <b>Mathias</b>	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	<b>And /Or</b>	11) Street Address: <b>6519 Towpath Road</b>	
12) City: <b>East Syracuse</b>		13) State: <b>NY</b>	14) Zip Code: <b>13057</b>
15) Telephone Number: <b>(315)701-1300</b>		16) Fax Number:	
17) E-mail Address: <b>WhitePlainsCulturalResources@cbre.com</b>			

Consultant Information

18) FCC Registration Number (FRN): <b>0018180992</b>
19) Name: <b>CBRE Telecom Advisory Services</b>

Principal Investigator

20) First Name: <b>Laura</b>	21) MI: <b>L</b>	22) Last Name: <b>Mancuso</b>	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	<b>And /Or</b>	26) Street Address: <b>4 West Red Oak Lane</b>	
27) City: <b>White Plains</b>		28) State: <b>NY</b>	29) Zip Code: <b>10604</b>
30) Telephone Number: <b>(914)597-6991</b>		31) Fax Number:	
32) E-mail Address: <b>WhitePlainsCulturalResources@cbre.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 <input type="checkbox"/> <u>N</u> o
34) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input checked="" type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____	

**Additional Staff**

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

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

## Site Information

### Tower Construction Notification System

1) TCNS Notification Number: **142606**

### Site Information

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

3) Site Name: **Lucas Tree Company**

4) Site Address: **636 Riverside Street**

5) Detailed Description of Project:

**Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound**

6) City: **Portland**

7) State: **ME**

8) Zip Code: **04103**

9) County/Borough/Parish: **CUMBERLAND**

10) Nearest Crossroads: **Riverside Street and Waldron Way**

11) NAD 83 Latitude (DD-MM-SS.S): **43-41-53.3**

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

12) NAD 83 Longitude (DD-MM-SS.S): **070-19-33.9**

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

### Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **60.0** ( ) Feet ( **X** ) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

( **X** ) Self-supporting lattice

( ) 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>142606</u> Number of Tribes/NHOs: <u>5</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>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>09/08/2016</u>	11) Date Replied <u>09/15/2016</u>
<input type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input checked="" type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

#### Tribe/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>09/08/2016</u>	11) Date Replied <u>09/12/2016</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>142606</u> Number of Tribes/NHOs: <u>5</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>Lac Vieux Desert Band of Lake Superior Chippewa Indians</b>

#### Contact Name

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

#### Dates & Response

10) Date Contacted <u>09/07/2016</u>	11) Date Replied <u>09/07/2016</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>Penobscot Indian Nation</b>

#### Contact Name

5) First Name: <b>Chris</b>	6) MI: <b>D</b>	7) Last Name: <b>Sockalexis</b>	8) Suffix:
9) Title: <b>Tribal Historic Preservation Officer</b>			

#### Dates & Response

10) Date Contacted <u>09/07/2016</u>	11) Date Replied <u>10/21/2016</u>
<input type="checkbox"/> No Reply <input checked="" 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>142606</u>	Number of Tribes/NHOs: <u>5</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>Sokaogon Chippewa Community</b>

#### Contact Name

5) First Name: <b>Adam</b>	6) MI: <b>J</b>	7) Last Name: <b>VanZile</b>	8) Suffix:
9) Title: <b>Tribal Historic Preservation Officer</b>			

#### Dates & Response

10) Date Contacted <u>09/08/2016</u>	11) Date Replied <u>10/11/2016</u>
<input type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input checked="" type="checkbox"/> Replied/Other	

## Other Tribes/NHOs Contacted

### Tribe/NHO Information

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

### Contact Name

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

### Contact Information

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

### Dates & Response

17) Date Contacted _____	18) Date Replied _____
<input 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>Friends Meeting House</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>1837 Forest Avenue / Route 302</b>		
7) City: <b>Portland</b>	8) State: <b>ME</b>	9) Zip Code: <b>04103</b>
10) County/Borough/Parish: <b>CUMBERLAND</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>Maine Historic Preservation Commission</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 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

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **City of Portland Department of Planning & Development**

### Contact Name

3) First Name: **Deborah**

4) MI:

5) Last Name: **Andrews**

6) Suffix:

7) Title: **Historic Preservation Program Manager**

### Contact Information

8) P.O. Box:

And  
/Or

9) Street Address: **389 Congress Street**

10) City: **Portland**

11) State: **ME**

12) Zip Code: **04101**

13) Telephone Number: **(207)874-8726**

14) Fax Number:

15) E-mail Address:

16) Preferred means of communication:

( ) E-mail

( **X** ) Letter

( ) Both

### Dates & Response

17) Date Contacted **11/01/2016**

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

( **X** ) 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: **Maine Historic Preservation Commission (Deputy 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: **Laura**

MI: **L**

Last Name: **Mancuso**

Suffix:

Signature: **Laura L Mancuso**

Date: **11/04/2016**

**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).**

**Attachments :**

Type	Description	Date Entered
Resumes/Vitae	<a href="#">Resume Vitae</a>	11/04/2016
Resumes/Vitae	<a href="#">Laura Mancuso Resume</a>	11/04/2016
Map Documents	<a href="#">Map Documents</a>	11/04/2016
Area of Potential Effects	<a href="#">Area of Potential Effects</a>	11/04/2016
Tribal/NHO Involvement	<a href="#">NOO</a>	11/04/2016
Tribal/NHO Involvement	<a href="#">TCNS Update</a>	11/04/2016
Local Government Involvement	<a href="#">ITC Letter - CLG</a>	11/04/2016
Public Involvement	<a href="#">PN Proof</a>	11/04/2016
Historic Properties for Visual Effects	<a href="#">Visual Effects</a>	11/04/2016
Historic Properties for Visual Effects	<a href="#">Friends Meeting House Survey Form</a>	11/04/2016
Historic Properties for Direct Effects	<a href="#">Response from HPC confirming no arch</a>	11/04/2016
Photographs	<a href="#">Photographs</a>	11/04/2016
Additional Site Information	<a href="#">Additional Site Information</a>	11/04/2016
Additional Site Information	<a href="#">Site Drawings</a>	11/04/2016
Other	<a href="#">Cover Letter</a>	11/04/2016
Historic Properties for Direct Effects	<a href="#">Direct Effects</a>	11/04/2016



## RESUMES

## RESUMES/VITAE

The below listed professionals contributed to this report and meet the Secretary of the Interior's Professional Qualification Standards in their respective fields:

NAME	TITLE	SECRETARY OF THE INTERIOR'S PROFESSIONAL QUALIFICATIONS STANDARDS AREA OF EXPERTISE
Laura L. Mancuso	Director, Cultural Resources	Architectural Historian



**Applicant's Name:** City of Portland  
**Project Name:** Lucas Tree Company  
**CBRE Project Number:** TS60715949

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## Laura L. Mancuso

**Education:** Master Historic Preservation, University of Maryland, College Park  
B.A., Humanities, Providence College

**Years of Experience:** 10+ years

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### Summary of Professional Experience

Ms. Mancuso holds a Master's Degree in Historic Preservation and has more than 10 years of experience as an Architectural Historian/Historic Preservation Professional.

As Deputy State Historic Preservation Officer and the Construction Grant Coordinator for the State of Connecticut, Ms. Mancuso provided technical assistance on hundreds of restoration and Section 106 projects and managed a portfolio of over \$5 million in grants. In this capacity she developed multiple grant programs and guidelines, applications, and contracts. She assisted grantees and potential grantees with project planning and design to ensure projects met the Secretary of the Interior's Standards for the Treatment of Historic Properties. Ms. Mancuso developed and reviewed hundreds of determinations of eligibility for properties for submitted for listing in the National Register of Historic Places. She hosted and attended numerous meetings and training sessions to improve the public's understanding of historic preservation policies and programs. Ms. Mancuso also attended annual National Conference of State Historic Preservation Officers (NCSHPO) meetings and developed relationships with many of the State Historic Preservation Officers.

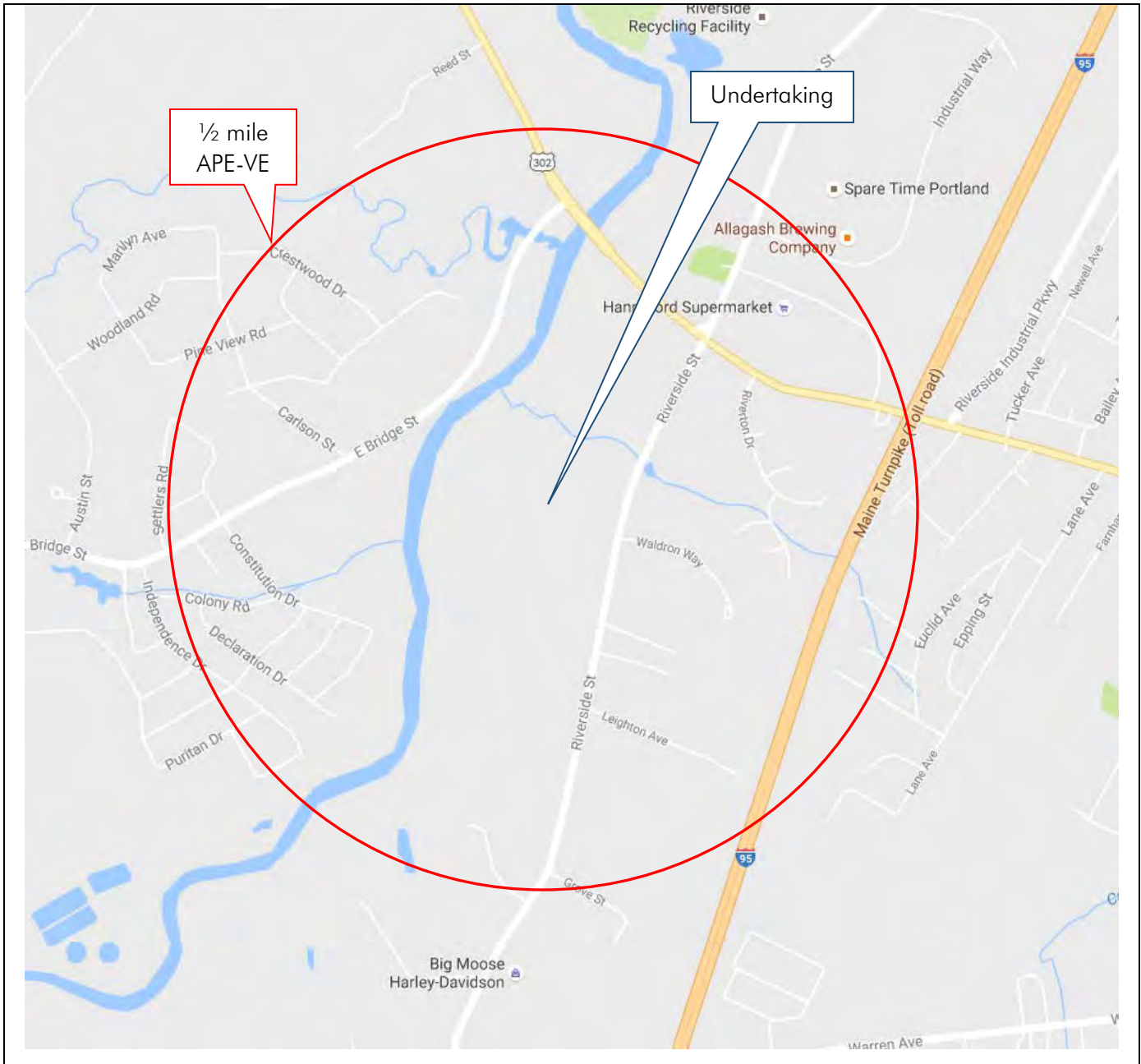
In addition, Ms. Mancuso has over 5 years of experience in the telecommunications field, providing environmental and regulatory due diligence under the National Historic Preservation Act and the National Environmental Policy Act. As an Architectural Historian, she completed hundreds of Section 106 and NEPA reports throughout the United States. Ms. Mancuso has provided quality control, performed building analyses and historical research, conducted SHPO file reviews, managed portfolios, and acted as a client manager. In consultation with carriers, SHPOs, and stakeholders, Ms. Mancuso has facilitated redesigns of installations and developed mitigation strategies to avoid potential adverse effects to historic resources.

## PHOTOGRAPHS

See Appendix A for Photographs

## MAP DOCUMENTS

# MAP DOCUMENTS



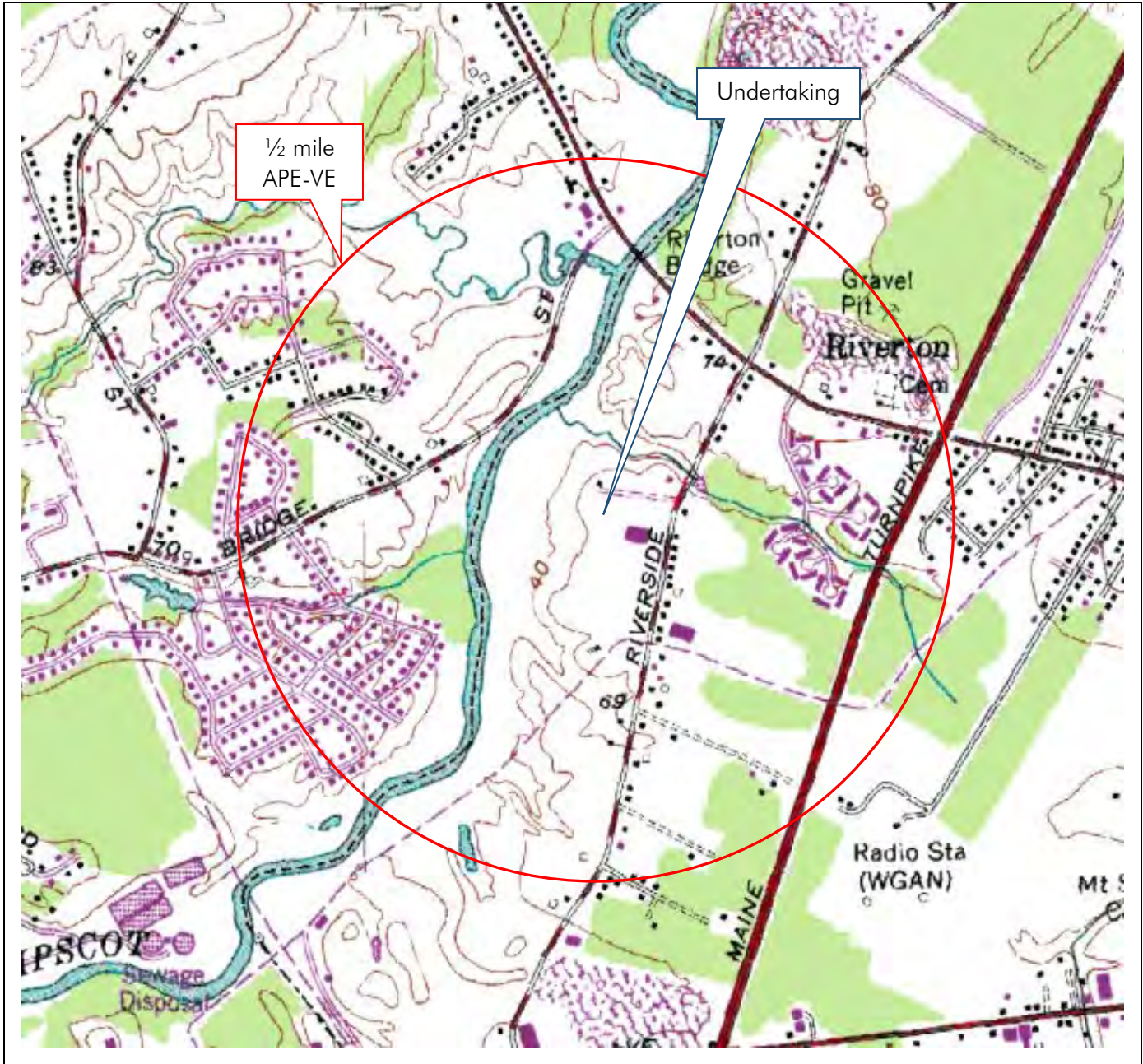
**STREET MAP**

SOURCE: GOOGLE MAPS 2016



Applicant's Name: City of Portland  
Project Name: Lucas Tree Company  
CBRE Project Number: TS60715949

MAP DOCUMENTS



USGS 7.5 MINUTE QUADRANGLE MAP

SOURCE: USGS (Portland West, Maine – 1978)



Applicant's Name: City of Portland  
Project Name: Lucas Tree Company  
CBRE Project Number: TS60715949



## ADDITIONAL SITE INFORMATION

## ADDITIONAL SITE INFORMATION

The Subject Property currently consists of vacant land located east of the Presumpscot River. The Subject Property is located within a suburban area, improved with residential and commercial development.

The City of Portland c/o Pyramid Network Services, Inc. proposes to construct a new telecommunications facility at the Subject Property. The facility will consist of a 180-foot self-support lattice tower (overall height 197 feet including a top-mounted lightning rod) and support equipment to be located within a 50-foot by 75-foot fenced compound. An 8-foot by 13.5-foot equipment shelter and utility meter bank H-frame will be installed within the compound. Three omni antennas will be installed on the tower. Two of the antennas will have a bottom height of 160 feet above ground level (AGL), and the remaining antenna will have a bottom height of 180 feet AGL. A proposed 12-foot wide access easement will emanate off of Riverside Street and traverse west toward the compound. The access easement will utilize an existing dirt road. A proposed overhead utility easement will run parallel to the access easement.

Please see the attached lease exhibits for your review and information.



**Applicant's Name:** City of Portland  
**Project Name:** Lucas Tree Company  
**CBRE Project Number:** TS60715949

See Appendix B for Site Drawings

AREA OF POTENTIAL EFFECTS

## AREA OF POTENTIAL EFFECTS

### AREA OF DIRECT EFFECTS

The APE for direct effects (APE-DE) 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 project.

John W. Dumont, Jr., Professional Associate completed a field survey of the property on October 17, 2016 and determined the APE-DE is limited to the proposed 50-foot by 75-foot fenced compound, the proposed 12-foot wide access easement, and the proposed overhead utility easement.

### AREA OF VISUAL EFFECTS

The APE for visual effects (APE-VE) 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.

Per Section V.C.4 of the National Programmatic Agreement, the APE-VE for this project is limited to:

<input checked="" type="checkbox"/>	½ mile from the tower site if the proposed tower is 200 feet or less in overall height
<input type="checkbox"/>	¾ of a mile from the tower sites if the proposed tower is more than 200 but no more than 400 feet in overall height
<input type="checkbox"/>	1½ miles from the proposed tower site if the proposed tower is more than 400 feet in overall height



**Applicant's Name:** City of Portland  
**Project Name:** Lucas Tree Company  
**CBRE Project Number:** TS60715949

## TRIBAL AND NHO INVOLVMENT

**From:** [lowernotifyinfo@fcc.gov](mailto:lowernotifyinfo@fcc.gov)  
**To:** [Bryson\\_Megan@WhitePlains](mailto:Bryson_Megan@WhitePlains)  
**Cc:** [Jonathan.Jonas@fcc.gov](mailto:Jonathan.Jonas@fcc.gov); [diane.dupert@fcc.gov](mailto:diane.dupert@fcc.gov)  
**Subject:** NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #4702873  
**Date:** Friday, September 09, 2016 3:02:07 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. Tribal Historic Preservation Officer Chris D Sockalexis - Penobscot Indian Nation - 12 Wabanaki Way Indian Island, ME - [chris.sockalexis@penobscotnation.org](mailto:chris.sockalexis@penobscotnation.org) - 207-817-7471  
Details: To: All Communication Companies and Contractors

From: Chris Sockalexis, THPO, Penobscot Nation

Date: 1 May 2015

Re: Fee Schedule and Modified Areas of Interest

Over the past several years, there has been a marked increase in cell tower construction throughout Maine. The Penobscot Nation values the opportunity to assist companies with location and identification of historic and traditional cultural properties. We want to ensure that these properties are protected for future generations. However, high fuel and personnel costs associated with research and identification of historic properties have placed a financial hardship on the tribe. In lieu of this issue, the Penobscot Nation has determined it necessary to implement a fee schedule for services rendered related to initial review of cell tower/antenna construction projects. These fees are not implemented as a component of official consultation, but rather as compensation for costs incurred by the tribe for research services associated with initial project review. Implementation of this fee schedule is consistent with Section IX of USET and the FCC Best Practices document (Voluntary Best Practices for Expediting the Process of Communications Tower and Antenna Siting Review pursuant to Section 106 of the National Historic Preservation Act, October 25, 2004).

Effective May 1, 2015, the Penobscot Nation will implement the following fee schedule for initial review of cell tower/antenna construction projects:

\$200.00 for review and research associated with initial proposals without site visit.  
\$400.00 for review and research associated with initial proposals requiring a site visit.

Review Procedures:

To streamline the process and increase its overall efficiency, the Penobscot Nation has refined our parameters surrounding notification. Our geographic scope contains the following Maine counties: Androscoggin, Aroostook, Cumberland, Franklin, Hancock, Kennebec, Knox, Lincoln, Oxford, Penobscot, Piscataquis, Sagadahoc, Somerset, Waldo, Washington, York.

The Penobscot Nation will no longer implement review fees for projects where the proposed antenna or tower will be collocated on an existing tower, building, or other structure when there is no new ground disturbance. Please notify the Penobscot Nation if the project consists of a collocated tower or antenna.

If the applicant/tower builder receives no response from the Penobscot Nation within thirty (30) days after notification through TCNS, the Penobscot Nation has no interest in participating in pre-construction review for the proposed site. However, the applicant/owner must immediately notify the Penobscot Nation in the event archaeological materials or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law. These parameters are subject to change. Please be advised that these parameters cover projects on non-tribal lands. For construction projects on tribal, trust, reservation or fee lands, applicants must also contact Orland Clark, Penobscot Nation Land Coordinator, at (207) 817-7379.

The Penobscot Nation will continue to use the TCNS system for project review to ensure a timely response to requests. Electronic responses will be followed-up with a project summary and an invoice for each project reviewed. Payment should be submitted within thirty (30) days following receipt of the invoice. All TCNS submissions should include a project description, site location information and a topographic map as an attachment to the project description. If you are unable to attach a topographic map within the TCNS system, please submit project review requests via regular mail.

We look forward to working with you. If you have any questions, please contact me at (207) 817-7471 or via email at [chris.sockalexis@penobscotnation.org](mailto:chris.sockalexis@penobscotnation.org).

Sincerely,

Chris Sockalexis  
Tribal Historic Preservation Officer  
Penobscot Indian Nation

2. 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 11, 2014 the KBIC THPO will be charging a fee of \$500.00 per review/collocation unless the review covers more than one section of land in which case the fee is \$500.00 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 \$500.00 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 Minoogheezhig Sandman-Shelfoie is no longer a contact within the KBIC-THPO office)

3. THPO and NAGPRA Representative Giiwēgizhigookway Martin Ms - Lac Vieux Desert Band of Lake Superior Chippewa Indians - E23857 Poplar Circle (PO Box: 249) Watersmeet, MI - gmartin@lvdtribal.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 gmartin@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,

giiwēgizhigookway Martin, 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: gmartin@lvdtribal.com

4. Tribal Historic Preservation Officer Adam J VanZile - Sokaogon Chippewa Community - 3051 Sand Lake Road Crandon, WI - adam.vanzile@scc-nsn.gov - 715-478-7500 (ext: 6435)

Details: The Sokaogon Chippewa Tribal Historic Preservation Office does not release information related to properties of traditional religious and cultural significance to anyone. However, through government-to-government consultation, the SCC THPO will review project documents to determine whether or not any of these sites exist within the Area of Potential Effects and if so those effects may be. If we have identified any sites of concern in our research of the project area, we will notify you of the fact.

Please forward the following information: a short summary of all proposed activity within the project area, Legal Description of the Area of Potential Effects, 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 enable us to participate fully, the Sokaogon Chippewa Community, Mole Lake Band of Lake Superior Chippewa Indians fee for such services is \$350.00. \$250.00 for historical/cultural records research and \$100.00 for archaeological records review PER section of land. The fee must be submitted so that the research can be done. 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. Emergency service provider towers, such as fire, police, and emergency responders are exempt from paying this fee.

All Collocations Projects will be handled in the same manner as new projects UNLESS the Sokaogon Chippewa Tribe commented on the original project.

Should you have any questions, please feel free to contact me at (715) 478-6435 or adam.vanzile@scc-nsn.gov.

Fee can be sent along with the requested information to:

Adam VanZile  
Sokaogon Chippewa Community  
Tribal Historic Preservation Office  
3051 Sand Lake Road  
Crandon, WI 54520  
adam.vanzile@scc-nsn.gov

Make Check Payable to:



Sokaogon Chippewa Community Tribal Historic Preservation Office

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

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.

6. Deputy SHPO Kirk F Mohney - Maine Historic Preservation Commission - 55 Capitol Street Station 65 Augusta, ME - kirk.mohney@maine.gov - --

7. Preservation Planner Emily Paulus - NH Division of Historical Resources - 19 Pillsbury Street Concord, NH - Emily.Paulus@dcr.nh.gov - 603-271-6628

"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: 09/06/2016  
Notification ID: 142606  
Tower Owner Individual or Entity Name: City Of Portland  
Consultant Name: Megan B Bryson  
Street Address: 4 West Red Oak Lane  
City: White Plains  
State: NEW YORK  
Zip Code: 10604  
Phone: 914-597-6927  
Email: Megan.bryson@cbre.com

Structure Type: LTOWER - Lattice Tower  
Latitude: 43 deg 41 min 53.2 sec N  
Longitude: 70 deg 19 min 35.0 sec W  
Location Description: 636 Riverside Street  
City: Portland  
State: MAINE  
County: CUMBERLAND  
Detailed Description of Project: Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound  
Ground Elevation: 19.5 meters  
Support Structure: 60.0 meters above ground level  
Overall Structure: 60.0 meters above ground level  
Overall Height AMSL: 79.5 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:

[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_wireless.fcc.gov\\_outreach\\_notification\\_contact-2Dfcc.html&d=DQIFaQ&c=j0zbAXBGpZCeJmn-Q9SthA&f=7BDhTBscbylj6TBsXSODQ2biMygV087FfY3\\_VZYojNY&m=spLHkzi5MYkBelgqC2EUDHwhye7NgO8bpFeVIInV2s&s=NxiTQMCw4Rd8gdee37emBVuwxMdn8mZXXJFDYN3qlsE&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__wireless.fcc.gov_outreach_notification_contact-2Dfcc.html&d=DQIFaQ&c=j0zbAXBGpZCeJmn-Q9SthA&f=7BDhTBscbylj6TBsXSODQ2biMygV087FfY3_VZYojNY&m=spLHkzi5MYkBelgqC2EUDHwhye7NgO8bpFeVIInV2s&s=NxiTQMCw4Rd8gdee37emBVuwxMdn8mZXXJFDYN3qlsE&e=)

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

**From:** FCC - WTB Support  
**To:** [Bryson, Megan @ White Plains](#)  
**Subject:** ULS Help Case HD0000002872804 Resolution  
**Date:** Thursday, November 03, 2016 11:40:22 AM

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**The information you requested from the FCC can be found below in the body of the email.**

**If you have any questions contact us at**

**(877) 480-3201.**

**Thank You!**

**Case Id:** HD0000002872804

**Summary:** TCNS Revision - 142606

**Description:** TCNS 142606

Latitude: 43 deg 41 min 53.3 sec N

Longitude: 70 deg 19 min 33.9 sec W

**Solution Description:** Dear Ms. Bryson,

The requested change(s) have been made on TCNS #142606 . If you require a screenshot, please login to TCNS, click the appropriate TCNS #, click "Print Scrn" on your keyboard, and paste into your desired program. Word or Paint are recommended.

Should you have any further questions or need additional information, please submit a request for help at <https://esupport.fcc.gov/onlinerequest.htm> , or call the FCC Licensing Support Center at (877) 480-3201, selecting option 2.

Sincerely,

FCC Licensing Support Center

**\*\*Please do not reply back to this message. The e-mail address is configured for outgoing e-mail only.\*\***

HISTORIC PROPERTIES FOR  
DIRECT EFFECTS

## HISTORIC PROPERTIES FOR DIRECT EFFECTS

Based on a file review and research completed by the Maine Historic Preservation Commission:

<input checked="" type="checkbox"/>	it does not appear that the property located at 636 Riverside Street is eligible for listing on the National Register of Historic Places
<input type="checkbox"/>	it appears that the property located at 636 Riverside Street is eligible for listing on the National Register of Historic Places (see below)
<input type="checkbox"/>	the property located at 636 Riverside Street is individually listed on the National Register of Historic Places
<input type="checkbox"/>	the property located at 636 Riverside Street is listed on the National Register of Historic Places as a contributing resource to the NAME OF HISTORIC DISTRICT
<input type="checkbox"/>	the property located at 636 Riverside Street is located within the NAME OF HISTORIC DISTRICT, which is listed on the National Register of Historic Places; however according to the nomination form, the property does not contribute to the significance of the district

## ARCHAEOLOGICAL RESOURCES

Based on a review by the Maine Historic Preservation Commission, a survey for archaeological resources was not necessary for the proposed Undertaking.



**Applicant's Name:** City of Portland  
**Project Name:** Lucas Tree Company  
**CBRE Project Number:** TS60715949

## Akerblom, David @ Springfield

---

**From:** Reed, Robin K <robin.k.reed@maine.gov>  
**Sent:** Wednesday, September 28, 2016 3:06 PM  
**To:** Akerblom, David @ Springfield  
**Subject:** RE: RL new build file review - Lucas Tree - Portland Maine  
**Attachments:** PDF09282016\_00000.pdf

### MHPC# 1313-16

David:

In response to your recent request, our office has reviewed the information received September 8, 2016 to initiate consultation on the above referenced project pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, and the FCC's Nationwide Programmatic Agreement.

Regarding archaeological resources, survey does not appear necessary for this project.

Regarding architectural resources, there is 1 National Register eligible resource within your APE. See attached architectural survey form. Please make an assessment of effects on this property.

As you know, you are required to submit the appropriate FCC form to our office for review and comment before the commencement of any construction or other installation activities on this site. Please send our office a hard copy of your submittal as well as a CD with a .pdf on it of your submission.

We look forward to continuing consultation with you on this project.

Robin K. Reed  
Maine Historic Preservation Commission  
55 Capitol Street  
65 State House Station  
Augusta, ME 04333  
phone: 207-287-2132 ext. 1  
fax: 207-287-2335  
[robin.k.reed@maine.gov](mailto:robin.k.reed@maine.gov)  
<http://www.maine.gov/mhpc>

---

**From:** Akerblom, David @ Springfield [mailto:David.Akerblom@cbre.com]  
**Sent:** Wednesday, September 28, 2016 8:37 AM  
**To:** Reed, Robin K  
**Subject:** RL new build file review - Lucas Tree - Portland Maine

GM Robin,

I know this just went out to you on 9/7, but is there any chance you could provide the file review results this week or early next? The client would like to get going on any Arch before the winter hits (yes, crazy that it is coming soon).

Please let me know when you get a chance.

Thanks,

David M Akerblom | Director of Operations, Telecom  
CBRE, Inc. | Telecom Advisory Services  
4 West Red Oak Lane | White Plains, NY 10604  
C 413-885-2095  
[david.akerblom@cbre.com](mailto:david.akerblom@cbre.com) | [www.cbre.com](http://www.cbre.com) | [www.ivi-telecom.com](http://www.ivi-telecom.com)

HISTORIC PROPERTIES FOR  
VISUAL EFFECTS

## HISTORIC PROPERTIES FOR VISUAL EFFECTS

Based on a SHPO file review completed by the Maine Historic Preservation Commission, the following historic resources have been identified within the APE-VE:

NR NUMBER OR ELIGIBLE	PROPERTY NAME	STREET ADDRESS	MUNICIPALITY	DETERMINATION OF EFFECT	PHOTO NUMBER
Eligible	Friends Meeting House	1837 Forest Avenue / Route 302	Portland	Although the installation may be partially visible from the Friends Meeting House, the proposed installation will have no effect on the characteristics that make this property eligible for listing on the National Register of Historic Places.	10



Applicant's Name: City of Portland  
Project Name: Lucas Tree Company  
CBRE Project Number: TS60715949



MHPC USE ONLY

INVENTORY NO.

## MAINE HISTORIC PRESERVATION COMMISSION Historic Building/Structure Survey Form

1. PROPERTY NAME (HISTORIC): Friends Meeting House
2. PROPERTY NAME (OTHER): \_\_\_\_\_
3. STREET ADDRESS: 1837 Forest Avenue, Route 302
4. TOWN: Portland 5. COUNTY: Cumberland
6. DATE RECORDED: 1/11/2010 7. SURVEYOR: Burke, Martha
8. OWNER NAME: \_\_\_\_\_ 9. ADDRESS: \_\_\_\_\_

10. PRIMARY USE (PRESENT):
- |   |   |  |                                      |
|---|---|--|--------------------------------------|
| <input type="checkbox"/> SINGLE FAMILY      | <input type="checkbox"/> AGRICULTURE          | <input type="checkbox"/> COMMERCIAL/TRADE    | <input type="checkbox"/> FUNERARY    |
| <input type="checkbox"/> MULTI-FAMILY       | <input type="checkbox"/> GOVERNMENTAL         | <input type="checkbox"/> EDUCATION           | <input type="checkbox"/> HEALTH CARE |
| <input type="checkbox"/> INDUSTRY           | <input checked="" type="checkbox"/> RELIGIOUS | <input type="checkbox"/> HOTEL               | <input type="checkbox"/> LANDSCAPE   |
| <input type="checkbox"/> TRANSPORTATION     | <input type="checkbox"/> DEFENSE              | <input type="checkbox"/> SUMMER COTTAGE/CAMP | <input type="checkbox"/> SOCIAL      |
| <input type="checkbox"/> RECREATION/CULTURE | <input type="checkbox"/> UNKNOWN              |  |                                      |
| <input type="checkbox"/> OTHER              |   |  |                                      |

11. CONDITION:  GOOD  FAIR  POOR  DESTROYED, DATE \_\_\_\_\_

### ARCHITECTURAL DATA

12. PRIMARY STYLISTIC CATEGORY:
- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> GEORGIAN                 | <input type="checkbox"/> STICK STYLE       | <input type="checkbox"/> 19 <sup>TH</sup> /20 <sup>TH</sup> C. REVIVAL | <input type="checkbox"/> MODERN/CONTEMPORARY |
| <input type="checkbox"/> FEDERAL                  | <input type="checkbox"/> QUEEN ANNE        | <input type="checkbox"/> COMMERCIAL STYLE                              | <input type="checkbox"/> MINIMAL TRADITIONAL |
| <input checked="" type="checkbox"/> GREEK REVIVAL | <input type="checkbox"/> SHINGLE STYLE     | <input type="checkbox"/> CRAFTSMAN                                     | <input type="checkbox"/> RANCH               |
| <input type="checkbox"/> GOTHIC REVIVAL           | <input type="checkbox"/> ROMANESQUE        | <input type="checkbox"/> ART DECO / MODERNE                            | <input type="checkbox"/> SPLIT LEVEL         |
| <input type="checkbox"/> ITALIANATE               | <input type="checkbox"/> NEO-CLASSICAL REV | <input type="checkbox"/> INTERNATIONAL                                 | <input type="checkbox"/> VERNACULAR          |
| <input type="checkbox"/> SECOND EMPIRE            | <input type="checkbox"/> RENAISSANCE REV   | <input type="checkbox"/> OTHER   |  |

13. SECONDARY STYLISTIC CATEGORY:
- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> GEORGIAN       | <input type="checkbox"/> STICK STYLE       | <input type="checkbox"/> 19 <sup>TH</sup> /20 <sup>TH</sup> C. REVIVAL | <input type="checkbox"/> MODERN/CONTEMPORARY |
| <input type="checkbox"/> FEDERAL        | <input type="checkbox"/> QUEEN ANNE        | <input type="checkbox"/> COMMERCIAL STYLE                              | <input type="checkbox"/> MINIMAL TRADITIONAL |
| <input type="checkbox"/> GREEK REVIVAL  | <input type="checkbox"/> SHINGLE STYLE     | <input type="checkbox"/> CRAFTSMAN                                     | <input type="checkbox"/> RANCH               |
| <input type="checkbox"/> GOTHIC REVIVAL | <input type="checkbox"/> ROMANESQUE        | <input type="checkbox"/> ART DECO / MODERNE                            | <input type="checkbox"/> SPLIT LEVEL         |
| <input type="checkbox"/> ITALIANATE     | <input type="checkbox"/> NEO-CLASSICAL REV | <input type="checkbox"/> INTERNATIONAL                                 | <input type="checkbox"/> VERNACULAR          |
| <input type="checkbox"/> SECOND EMPIRE  | <input type="checkbox"/> RENAISSANCE REV   | <input type="checkbox"/> OTHER   |  |

14. HEIGHT:
- 1 STORY  1 1/2 STORY  2 STORY  2 1/2 STORY  3 STORY  4 STORY
- 5 STORY  OVER 5 (\_\_\_\_\_)

15. PRIMARY FACADE WIDTH (MAIN BLOCK; USE GROUND FLOOR):
- 1 BAY  2 BAY  3 BAY  4 BAY  5 BAY  MORE THAN 5 (\_\_\_\_\_)

16. APPENDAGES:  SIDE ELL  REAR ELL  FRONT  ADDED STORIES  SHED
- DORMERS  PORCH  TOWER  CUPOLA  BAY WINDOW

### **PHOTOGRAPH:**

17. PORCH:  ATTACHED  ENGAGED  ONE STORY  MORE THAN ONE STORY  
 FULL WIDTH  WRAPAROUND  SLEEPING PORCH  SECONDARY PORCH
18. PLAN OR FORM  
 HALL AND PARLOR  1/2 CAPE  CAPE  CENTRAL HALL  2-STORY DOUBLE PILE  
 SIDE HALL  BACK HALL  IRREGULAR  FOURSQUARE  BUNGALOW  
 MOBILE HOME  MODULAR  OTHER \_\_\_\_\_
19. PRIMARY STRUCTURAL SYSTEM:  
 TIMBER FRAME  BRACED FRAME  BRICK  STONE  BALLOON FRAME  
 CONCRETE  STEEL  LOG  PLANK WALL  PLATFORM FRAME  
 FRAME CONSTRUCTION - TYPE UNKNOWN  OTHER \_\_\_\_\_
20. CHIMNEY PLACEMENT:  
 INTERIOR  INTERIOR FRONT/REAR  CENTER  INTERIOR END  EXTERIOR  
 OTHER \_\_\_\_\_
21. ROOF CONFIGURATION:  
 GABLE SIDE  GABLE FRONT  HIP  MANSARD  FLAT  
 GAMBREL  PARAPET GABLE  SHED  CROSS GABLE  
 COMPOUND  OTHER \_\_\_\_\_
22. ROOF MATERIAL:  WOOD  METAL  TILE  SLATE  ASPHALT  ASBESTOS
23. EXTERIOR WALL MATERIALS:  
 CLAPBOARD  BRICK  FLUSH SHEATHING  WOOD SHINGLE  STONE  
 LOG  PRESSED METAL  CONCRETE  STUCCO  ASPHALT  
 GRANITE  ASBESTOS  TERRA COTTA  BOARD AND BATTEN  ALUMINUM/VINYL  
 OTHER \_\_\_\_\_
24. FOUNDATION MATERIAL:  
 FIELDSTONE  BRICK  WOOD  CONCRETE  GRANITE  ORNAMENTAL CONC. BLOCK  
 OTHER \_\_\_\_\_
25. OUTBUILDINGS/FEATURES:  
 CARRIAGE HOUSE  FENCE OR WALL  CEMETERY  BARN (CONNECTED)  
 BARN (DETACHED)  FORMAL GARDEN  LANDSCAPE/PLANT MAT  ARCHAEOLOGICAL SITE  
 GARAGE  OTHER \_\_\_\_\_

## HISTORICAL DATA

26. DOCUMENTED DATE OF CONSTRUCTION: \_\_\_\_\_ 27. ESTIMATED DATE OF CONSTRUCTION: c. 1852
28. DATE MAJOR ADDITIONS/ALTERATIONS: 1931
29. ARCHITECT: \_\_\_\_\_ 30. CONTRACTOR: \_\_\_\_\_
31. ORIGINAL OWNER: \_\_\_\_\_
32. SUBSEQUENT SIGNIFICANT OWNER: \_\_\_\_\_ DATES: \_\_\_\_\_
33. CULTURAL/ETHNIC AFFILIATION:  
 ENGLISH  FRENCH ACADIAN  NATIVE AMERICAN  SCOTTISH  FRENCH CANADIAN  
 EAST EUROPEAN  IRISH  OTHER \_\_\_\_\_
34. HISTORIC CONTEXT(S):  
 COMMERCE  INDUSTRY  TRANSPORTATION  AGRICULTURE  MILITARY  
 RELIGION  CIVIC AFFAIRS  RECREATION  HABITATION  EDUCATION  
 ART, LIT, SCIENCE  SOCIAL
35. COMMENTS/SOURCES: 01-11-2010, MB Eligible for listing in NR
36. HISTORICAL DRAWINGS EXIST:  YES  NO 37. KIT HOUSE  YES  NO 38. PATTERN BOOK HOUSE  YES  NO

## ENVIRONMENTAL DATA

39. SITE INTEGRITY:  ORIGINAL  MOVED DATE MOVED \_\_\_\_\_
40. SETTING:  RURAL/UNDISTURBED  RURAL/BUILT UP  SMALL TOWN  URBAN  SUBURBAN
41. QUADRANGLE MAP USED: Portland West
42. UTM NORTHING: 4839434.8736 43. UTM EASTING: 393815.109
44. FACADE DIRECTION (CIRCLE ONE): N S E W NE NW SE **SW**
- =====
- MHPC USE ONLY  
DATE ENTERED IN INVENTORY: 7/2/2013 PHOTO FILE #: 2863
- NR STATUS:  L  HD  E  NE  ND REVIEWER KFM 3/11/2010
- DATA SOURCE:  HPF  CLG  R&C  STAFF  STATE SURVEY OTHER \_\_\_\_\_ LEVEL OF SURVEY:  R  I

## LOCAL GOVERNMENT INVOLVMENT



**Laura L. Mancuso**  
Director, Cultural Resources

CBRE, Inc.  
Telecom Advisory Services

4 West Red Oak Lane  
White Plains, New York 10604

914-597-6991 Tel  
914-522-7433 Fax  
914-439-0527 Cell

Laura.Mancuso@cbre.com  
www.cbre.com

November 1, 2016

Ms. Deborah Andrews  
Historic Preservation Program Manager  
City of Portland  
Dept. of Planning & Development  
389 Congress Street  
Portland, Maine 04101  
207-874-8726

Re: Section 106 Public Outreach  
"Lucas Tree Company"  
636 Riverside Street  
Portland, ME  
**CBRE Project No.:** TS60715949

Dear Ms. Andrews:

CBRE is writing on behalf of Pyramid Network Services, Inc. to solicit your input concerning a proposed 197-foot self-support tower along with the installation of ancillary equipment at the above referenced address. CBRE is requesting comments with regards to any potential impacts on historic architectural and/or archaeological resources.

As the Project is a federal undertaking regulated by the Federal Communications Commission (FCC), it is being reviewed under Section 106 of the National Historic Preservation Act for its impacts to historic architectural and archaeological resources. Federal regulations allow for public participation as part of the Section 106 process.

As such, CBRE would like to inquire if you would be interested in commenting on this proposed project. ***Please note that we are requesting your review as part of the Section 106 process only and not as part of the local zoning process.*** Furthermore, only responses related to historic properties potentially affected will be considered.

If you are interested in becoming a consulting party and have any comments or concerns regarding the proposed Project, please contact me in writing at CBRE, 4 West Red Oak Lane, White Plains, NY 10604 or at [laura.mancuso@cbre.com](mailto:laura.mancuso@cbre.com). Please reference the project name and address in your

November 1, 2016  
Lucas Tree Company  
Pyramid Network Services, Inc.  
Page 2

comments. Any responses must be received within 30 days of receipt of this letter. Only consulting parties indicating their desire to receive information and/or otherwise participate in the Section 106 review process will be afforded this opportunity.

Thank you for your time and attention to this matter.

Sincerely,

A handwritten signature in cursive script, reading "Laura L. Mancuso".

Laura L. Mancuso  
Director, Cultural Resources



**AERIAL MAP**

**SOURCE:** GOOGLE EARTH 2016

See Appendix B for Site Drawings

## PUBLIC INVOLVEMENT



**Portland Press Herald**  
1802  
**Maine Sunday Telegram**  
pressherald.com

**Classified Advertising Proof**

CBRE Inc Telecom Advisory  
4 West Red Oak Lane  
White Plains, NY 10604

Thank you for advertising in The Portland Press Herald and Maine Sunday Telegram.

Your order information and a preview of your advertisement are below for your review. If there are any changes or questions, please immediately contact the Classified Department at 207-791-6100 or email [classified@pressherald.com](mailto:classified@pressherald.com)

Thank you,  
Joan Jensen

207-791-6100 | | Monday-Friday 8:00 am - 5:00 pm

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<b>ORDER INFORMATION:</b>	<b>Order Number:</b>	<b>155649</b>
<b>Title:</b> Portland Press Herald	<b>Start Date:</b>	11/4/2016
<b>Class:</b> 1000 Legal Notices	<b>Number of Days:</b>	1
<b>Order Price:</b>	<b>Payment Method:</b>	Invoice
<b>PO Number:</b> Public Notice / L Mancuso		

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**AD PREVIEW:**

**Legal Advertisement**

**PUBLIC NOTICE -  
Lucas Tree Company**

Pyramid Network Services, Inc. is proposing to construct a 197-foot self-support tower at 636 Riverside Street, Portland, Cumberland County, ME. Public comments regarding the potential effects from this site on historic properties may be submitted within 30-days from the date of this publication to: Laura Mancuso - CBRE, 4 West Red Oak Lane, White Plains, New York 10604, [laura.mancuso@CBRE.com](mailto:laura.mancuso@CBRE.com), or 914-597-6991

## **Sabol, Amanda @ White Plains**

---

**From:** towernotifyinfo@fcc.gov  
**Sent:** Friday, November 04, 2016 12:15 PM  
**To:** White Plains Cultural Resources  
**Subject:** Section 106 New Filing Submitted- Email ID #2019603

The following new Section 106 filing has been submitted:

File Number: 0007537778  
TCNS Number: 142606  
Purpose: New Tower Submission Packet  
Notification Date: 7AM EST 11/07/2016  
Applicant: City of Portland Maine c/o Pyramid Network Services, LLC  
Consultant: CBRE Telecom Advisory Services  
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No  
Site Name: Lucas Tree Company  
Site Address: 636 Riverside Street  
Detailed Description of Project: Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound  
Site Coordinates: 43-41-53.3 N, 70-19-33.9 W  
City: Portland  
County: CUMBERLAND  
State:ME  
Lead SHPO/THPO: Maine Historic Preservation Commission (Deputy SHPO)

### Consultant Contact Information:

Name: CBRE Telecom Advisory Services  
Title:  
PO Box:  
Address: 4 West Red Oak Lane  
City: White Plains  
State: NY  
Zip: 10604  
Phone: 914-597-6991  
Fax:  
Email: WhitePlainsCulturalResources@cbre.com

**NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE**  
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

NATIVE AMERICAN  
RELIGIOUS SITES

## Tribal Summary Table

CBRE Project No.	TS60715949
NOO Date	9/9/2016
TCNS No.	142606

Tribe	FCC Referral Date	End of FCC Referral Review Period	Tribal Consultation Complete
Penobscot Indian Nation	NA	NA	10/21/16
Keweenaw Bay Indian Community	NA	NA	11/21/16
Lac Vieux Desert Band of Lake Superior Chippewa Indians	NA	NA	10/12/16
Sokaogon Chippewa Community	NA	NA	10/11/16
Lac du Flambeau Band of Lake Superior Chippewa Indians	NA	NA	10/21/16, 11/3/16 - Update

\*Notes:



**From:** towernotifyinfo@fcc.gov  
**To:** [Bryson, Megan @ White Plains](mailto:Bryson.Megan@WhitePlains)  
**Cc:** [tcns.fccarchive@fcc.gov](mailto:tcns.fccarchive@fcc.gov)  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 142606) - Email ID #4766003  
**Date:** Friday, October 21, 2016 2:18:50 PM

---

Dear Megan Bryson,

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 Tribal Historic Preservation Officer Chris D Sockalexis of the Penobscot Indian Nation in reference to Notification ID #142606:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.

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

Notification Received: 09/06/2016  
Notification ID: 142606  
Tower Owner Individual or Entity Name: City Of Portland  
Consultant Name: Megan B Bryson  
Street Address: 4 West Red Oak Lane  
City: White Plains  
State: NEW YORK  
Zip Code: 10604  
Phone: 914-597-6927  
Email: Megan.bryson@cbre.com

Structure Type: LTOWER - Lattice Tower  
Latitude: 43 deg 41 min 53.2 sec N  
Longitude: 70 deg 19 min 35.0 sec W  
Location Description: 636 Riverside Street  
City: Portland  
State: MAINE  
County: CUMBERLAND

Detailed Description of Project: Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound  
Ground Elevation: 19.5 meters  
Support Structure: 60.0 meters above ground level  
Overall Structure: 60.0 meters above ground level  
Overall Height AMSL: 79.5 meters above mean sea level



PENOBSCOT NATION  
CULTURAL & HISTORIC PRESERVATION  
12 WABANAKI WAY, INDIAN ISLAND, ME 04468  
CHRIS SOCKALEXIS – TRIBAL HISTORIC PRESERVATION OFFICER  
E-MAIL: [chris.sockalexis@penobscotnation.org](mailto:chris.sockalexis@penobscotnation.org) FAX: 207-817-7450

NAME	Megan Bryson
ADDRESS	CBRE 4 West Red Oak Lane White Plains, NY 10604
OWNER'S NAME	City of Portland
TELEPHONE	(914) 597-6927
FAX	
EMAIL	Megan.bryson@cbre.com
PROJECT NAME	TCNS #142606 – Lattice Tower and Compound
PROJECT SITE	Portland, ME
DATE OF REQUEST	September 7, 2016
DATE REVIEWED	October 21, 2016

Thank you for the opportunity to comment on the above referenced project. This project appears to have no impact on a structure or site of historic, architectural or archaeological significance to the Penobscot Nation as defined by the National Historic Preservation Act of 1966, as amended.

If Native American cultural materials are encountered during the course of the project, please contact my office at (207) 817-7471. Thank you for consulting with the Penobscot Nation on this project.

A handwritten signature in black ink, appearing to read "Chris Sockalexis".

CHRIS SOCKALEXIS, THPO  
Penobscot Nation

**From:** [Gilmore, Talia @ York](mailto:Gilmore.Talia@York)  
**To:** [Woodbury, Fallon @ Burlington](mailto:Woodbury.Fallon@Burlington); [Bryson, Megan @ White Plains](mailto:Bryson.Megan@WhitePlains)  
**Subject:** FW:  
**Date:** Monday, November 21, 2016 2:41:20 PM

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Talia C. Gilmore | Tribal Outreach Manager  
CBRE, Inc. | Telecom Advisory Services  
2909 N Sherman Street | York, PA 17406  
C 717-601-1144 | F 717-755-9798  
[Talia.Gilmore@cbre.com](mailto:Talia.Gilmore@cbre.com) | [www.cbre.com](http://www.cbre.com) | [www.ivi-telecom.com](http://www.ivi-telecom.com)

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**From:** Alden Connor [mailto:[aconnor@kbic-nsn.gov](mailto:aconnor@kbic-nsn.gov)]  
**Sent:** Monday, November 21, 2016 2:32 PM  
**To:** Gilmore, Talia @ York <[Talia.Gilmore@cbre.com](mailto:Talia.Gilmore@cbre.com)>  
**Subject:**

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

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

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**11/21/2016**

**RE: TCNS Notification Id# 143375,142721,142606,143379**

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Ahnnii 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

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*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."*

g-alt: 1.0pt 0in 0in 0in'> *Miigwech!*

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*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."*



# 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. Giiwegiizhigookway Martin, Tribal Historic Preservation Program Officer at the address below.

Miigwitch,



Ms. Giiwegiizhigookway Martin, THPO  
Getegitigaaning Ojibwe Nation  
P.O. 249  
Watersmeet, Michigan 49969  
Phone: 906-358-0137 Fax:  
906-358-4850  
Email [gmartin@lvdtribal.com](mailto:gmartin@lvdtribal.com)

**Name: CBRE**

**Amount Paid: \$500.00**

**TCNS#: 142606**

**CK #: 348823**

**Invoice#: 9278**

**Date Closed : 10.12.16**

**Initials: GM**

**Emailed to: [Megan.Bryson@cbre.com](mailto:Megan.Bryson@cbre.com)**

## **Bryson, Megan @ White Plains**

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**From:** towernotifyinfo@fcc.gov  
**Sent:** Tuesday, October 11, 2016 10:21 AM  
**To:** Bryson, Megan @ White Plains  
**Cc:** tcns.fccarchive@fcc.gov  
**Subject:** Reply to Proposed Tower Structure (Notification ID: 142606) - Email ID #4746393

Dear Megan Bryson,

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 Tribal Historic Preservation Officer Adam J VanZile of the Sokaogon Chippewa Community in reference to Notification ID #142606:

The Sokaogon Chippewa 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.

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 Sokaogon Chippewa THPO that the project will have No Adverse Effects to Historic Properties within the project area.

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 the 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 the Sokaogon Chippewa Tribal Historic Preservation Office immediately.

Thank you,

Adam VanZile  
Sokaogon Chippewa Community  
Tribal Historic Preservation Officer  
3051 Sand Lake Road  
Crandon, WI 54520  
(715) 478-6435  
adam.vanzile@scc-nsn.gov

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

Notification Received: 09/06/2016  
Notification ID: 142606  
Tower Owner Individual or Entity Name: City Of Portland  
Consultant Name: Megan B Bryson  
Street Address: 4 West Red Oak Lane  
City: White Plains  
State: NEW YORK  
Zip Code: 10604  
Phone: 914-597-6927  
Email: Megan.bryson@cbre.com

Structure Type: LTOWER - Lattice Tower  
Latitude: 43 deg 41 min 53.2 sec N  
Longitude: 70 deg 19 min 35.0 sec W  
Location Description: 636 Riverside Street  
City: Portland  
State: MAINE  
County: CUMBERLAND

Detailed Description of Project: Lucas Tree Company/TS60715949 - Proposed construction of a Telecommunications Self Support Lattice Tower and Compound  
Ground Elevation: 19.5 meters  
Support Structure: 60.0 meters above ground level  
Overall Structure: 60.0 meters above ground level  
Overall Height AMSL: 79.5 meters above mean sea level

**From:** ldfthpo  
**To:** [Bryson, Megan @ White Plains](mailto:Bryson.Megan@WhitePlains)  
**Subject:** TCNS# 142606; Cumberland County, ME  
**Date:** Friday, October 21, 2016 5:25:30 PM  
**Attachments:** [image002.png](#)

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Ms. Bryson,

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.

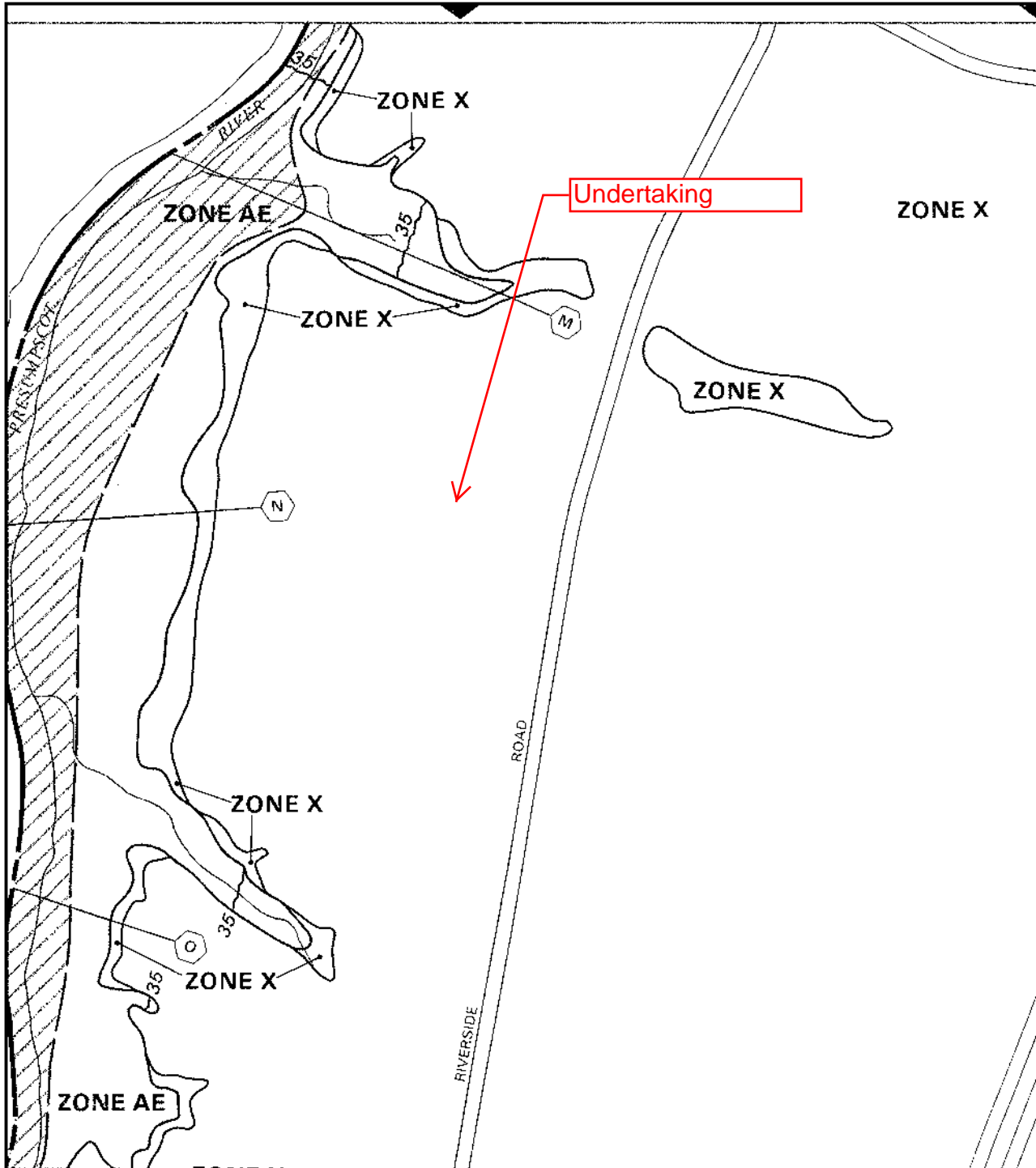
This letter evidences the FCC's compliance with 36 CFR § 800.4 "Identification of historic properties" and 36 CFR § 800.5 "Assessment of adverse effects", and the fulfillment of the FCC's responsibility to notify the THPO, as a consulting party in the Section 106 process, under 36 CFR § 800.5(c) "Consulting 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: 715-439-3833  
[www.ldftribe.com](http://www.ldftribe.com)



## FLOOD PLAINS



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

CITY OF  
PORTLAND,  
MAINE  
CUMBERLAND COUNTY

PANEL 6 OF 17  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
230051 0006 C

MAP REVISED:  
DECEMBER 8, 1998











Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)

SURFACE FEATURES  
(WETLANDS)



November 2, 2016

- |  |   |  |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Forested/Shrub Wetland |  Other    |
|  Estuarine and Marine Wetland   |  Freshwater Pond                   |  Riverine |
|  Freshwater Emergent Wetland    |  Lake                              |  |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# Appendix C

## PROJECT PERSONNEL PROFILES

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## Christopher S. Bond

<b>Education:</b>	M.S. Environmental Science, Sacred Heart University B.S. Traditional Biology, Sacred Heart University
<b>Licenses/Registrations</b>	Methodology for Delineating Wetlands, Rutgers University NYS Wetlands Forum Member, 2015
<b>Years of Experience:</b>	3 years

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### Summary of Professional Experience

Mr. Bond is a Biologist and Project Manager at CBRE, Inc. Telecom Advisory Services for over two years. He has conducted Migratory Bird Surveys, consulted on Wetland Delineations, Natural Resource and NEPA reviews for various clients within the telecommunications industry.

Mr. Bond's environmental experience extends from both his background in biology and chemistry. Specifically, Mr. Bond has conducted environmental sampling of rivers, streams and groundwater for presence of harmful chemicals and suspended solids. Mr. Bond has also conducted biological surveys for different migratory bird species and invertebrate diversity within streams and rivers. He also has experience coordinating and working with the USFWS Field Offices throughout the United States.

Mr. Bond received his Bachelor of Science at Sacred Heart University with majors in Traditional Biology. Mr. Bond also received his Master of Science in Environmental Science at the Sacred Heart University Environmental Graduate Program. While attending graduate school, he participated in Project Limulus where he conducted species surveys of horseshoe crab populations within the Long Island Sound. Mr. Bond was also a co-writer of "Estimation of Short-Term Tag-Induced Mortality in Horseshoe Crab *Limulus Polyphemus*" which was published in *Biology Faculty Publications* in 2011.

## E. Gio Del Rivero

**Education:** B.S., Earth and Environmental Science, University of Illinois

**Years of Experience:** 7+ years

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### Summary of Professional Experience

Mr. Del Rivero holds a Bachelor's of Science Degree in Earth and Environmental Science. He has more than 7 years of experience as an Environmental Professional in the telecommunications field, providing environmental and regulatory due diligence under the National Historic Preservation Act, the National Environmental Policy Act, and the Endangered Species Act. As a Project Scientist, he completed hundreds of Section 106 and NEPA reports throughout the United States, as well as Phase I Environmental Site Assessments. In his previous role as Project Manager, Mr. Del Rivero has provided quality control, conducted Natural Resources reviews nationwide, managed portfolios, and acted as a client liaison. In consultation with carriers and USFWS field offices, Mr. Del Rivero has developed mitigation strategies to avoid potential adverse effects to endangered species.

In addition to his experience working with natural resources and environmental due diligence, Mr. Del Rivero has also conducted numerous Phase II Environmental Site Assessments for telecommunications projects and geotechnical investigations for new roadway development projects.