



Vanasse Hangen Brustlin, Inc.

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Memorandum

To: Ms. Alexandria Carter
Verizon Wireless
99 East River Drive
East Hartford, CT 06108

Date: January 16, 2014

Project No.: 41680.49

From: Jeffrey Peterson
Senior Environmental Scientist


Signature

Re: 2014 USFWS Compliance Determination
for Proposed Telecommunications Tower
Site Number 17136 – Site Name: Trumbull
SE 4 CT
Site Type: Raw Land-New Build
Tower Type: Monopole
Overall Tower Height including
attachments: 83 feet
60 Commerce Drive
Trumbull, Connecticut (Fairfield County)
Latitude/Longitude Coordinates:
N41°14'44.16" W73°8'44.014"
Size of Leased Area: 1,968 Sq. Feet
Sub Region Name: Pumpkin Ground
Brook
Sub Basin No.: 6026

In accordance with the National Environmental Policy Act (NEPA), Vanasse Hangen Brustlin, Inc. (VHB) has prepared this United States Department of the Interior Fish and Wildlife (USFWS) compliance memorandum for Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). Verizon Wireless is proposing to construct a new wireless telecommunications facility at 60 Commerce Drive in Trumbull, Connecticut. The proposed facility would consist of an 80-foot tall monopole tower with antennas with an overall height of 83-feet. The tower site is situated in a landscaped area next to a large industrial/office building. Access to the lease compound would be over existing site drives and through a parking lot for this facility. A short, 12-foot wide gravel access road will be constructed from the edge of parking lot over an existing lawn to the compound area.

VHB has searched the resources of the United States Department of the Interior Fish and Wildlife Service (USFWS) New England Field Office to determine if there are any threatened or endangered species that may occur at our proposed location. The referenced Site is located in Trumbull, Connecticut (Fairfield County). No federally-listed endangered or threatened species are known to occur in Trumbull, Connecticut (refer to the enclosed listing date 11/6/2013 and Consultation Tracking Number: 05E1NE00-2014-SLI-0110 dated 1/16/2014) and as such the proposed development will not result in an effect to any known population of federally-listed endangered or threatened species.

This tower appears to be compliant of the USFWS recommendations published in Interim Guidelines for Recommendations on Communication Tower Siting, Construction, Operation, and Decommissioning for the Migratory Bird Treaty Act:

- This tower would be less than 200 feet tall.
- No guy wires are required.
- This tower would accommodate future carriers.

In addition, VHB has also reviewed the Connecticut Department of Energy and Environmental Protection's (DEEP) Natural Diversity Data Base December 2013 map regarding Priority Habitats of Rare Species or Estimated Habitats of Rare Wildlife and the Site does not fall within the buffered areas.

Therefore, VHB anticipates it is unlikely that the proposed undertaking would impact any potential threatened or endangered species, designated critical habitats, or migratory bird species protected under the Migratory Bird Treaty Act.

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**November 6, 2013 List of Federally
Listed Endangered and Threatened
Species in Connecticut & January 16,
2014 documentation from the USFWS
website**

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Fairfield	Piping Plover	Threatened	Coastal Beaches	Westport, Bridgeport and Stratford
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Westport and Stratford
	Bog Turtle	Threatened	Wetlands	Ridgefield and Danbury.
Hartford	Dwarf wedgemussel	Endangered	Farmington and Podunk Rivers, Muddy Brook, Philo Brook, Stony Brook	South Windsor, East Granby, Suffield, Simsbury, Avon and Bloomfield.
Litchfield	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Sharon.
	Bog Turtle	Threatened	Wetlands	Sharon and Salisbury.
Middlesex	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westbrook and New London.
	Piping Plover	Threatened	Coastal Beaches	Clinton, Westbrook, Old Saybrook.
	Puritan Tiger Beetle	Threatened	Sandy beaches along the Connecticut River	Cromwell, Portland
New Haven	Bog Turtle	Threatened	Wetlands	Southbury
	Piping Plover	Threatened	Coastal Beaches	Milford, Madison and West Haven
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Branford, Guilford and Madison
	Indiana Bat	Endangered	Mines, Caves	
New London	Piping Plover	Threatened	Coastal Beaches	Old Lyme, Waterford, Groton and Stonington.
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	East Lyme and Waterford.
	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Waterford
Tolland	None			
Windham	None			

-Eastern cougar, gray wolf, Indiana bat, Seabeach amaranth and American burying beetle are considered extirpated in Connecticut.

-There is no federally-designated Critical Habitat in Connecticut.

11/06/2013



United States Department of the Interior



FISH AND WILDLIFE SERVICE
NEW ENGLAND ECOLOGICAL SERVICES FIELD OFFICE
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 03301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Tracking Number: 05E1NE00-2014-SLI-0110

January 16, 2014

Project Name: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

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 threatened, endangered, and proposed species, designated critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The 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 website 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/or 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 and/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>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

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>; <http://www.towerkill.com>; and <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: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

Official Species List

Provided by:

NEW ENGLAND ECOLOGICAL SERVICES FIELD OFFICE
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 03301
(603) 223-2541
<http://www.fws.gov/newengland>

Consultation Tracking Number: 05E1NE00-2014-SLI-0110

Project Type: Communications Tower

Project Description: Site address:60 Commerce Drive, Trumbull, CT. A new telecommunication monopole tower with an overall height of 83 feet with attachments. Other equipment will be housed in a fenced compound with a leased area of 1,968 square feet. The facility will be located in the lawn area north of the building shaded in the locus map. Access to site along existing site drives with a short 12-foot wide gravel drive into compound from large parking lot east of building.



United States Department of Interior
Fish and Wildlife Service

Project name: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.1467284 41.2459123, -73.1443042 41.246485, -73.143403 41.2441698, -73.1455917 41.2436858, -73.1467284 41.2459123)))



United States Department of Interior
Fish and Wildlife Service

Project name: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

Project Counties: Fairfield, CT



United States Department of Interior
Fish and Wildlife Service

Project name: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

Endangered Species Act Species List

There are a total of 0 threatened, endangered, or candidate 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 on the **Has Critical Habitat** lines 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.

There are no listed species identified for the vicinity of your project.



United States Department of Interior
Fish and Wildlife Service

Project name: Proposed Cell Tower: Trumbull SE 4 CT 6 Site 17136

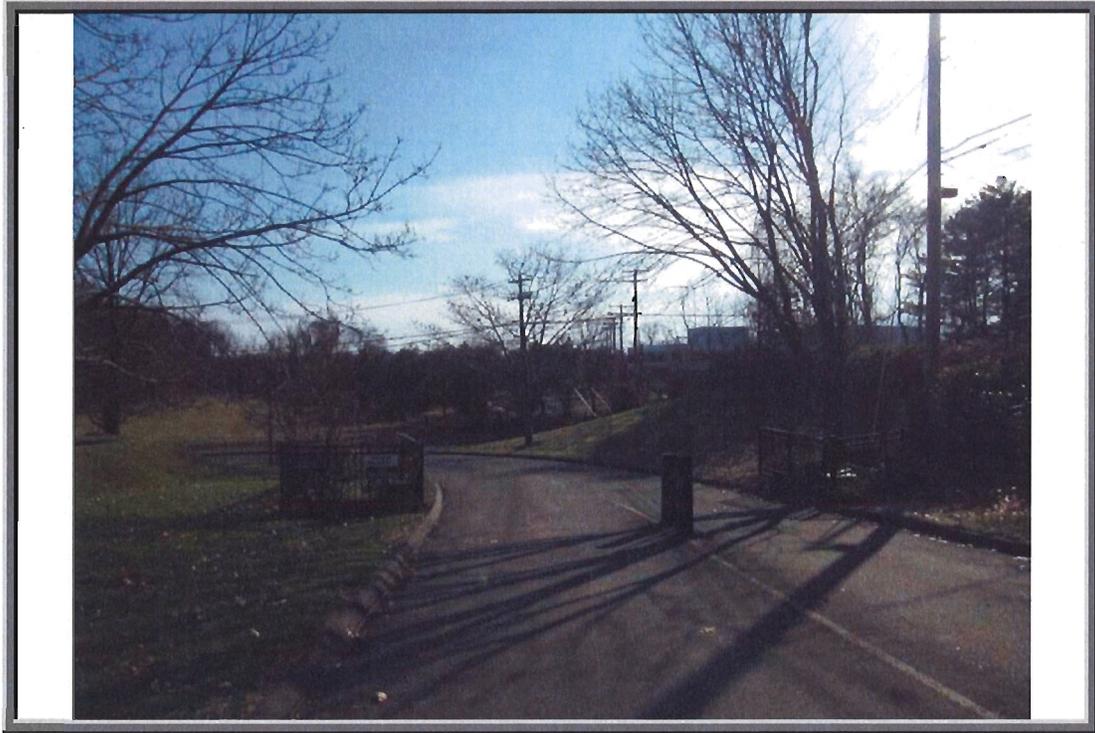
Critical habitats that lie within your project area

There are no critical habitats within your project area.



Site Photographs

**Trumbull SE 4 CT Telecommunications Site
Site Number 17136
60 Commerce Drive, Trumbull, Connecticut 06611**

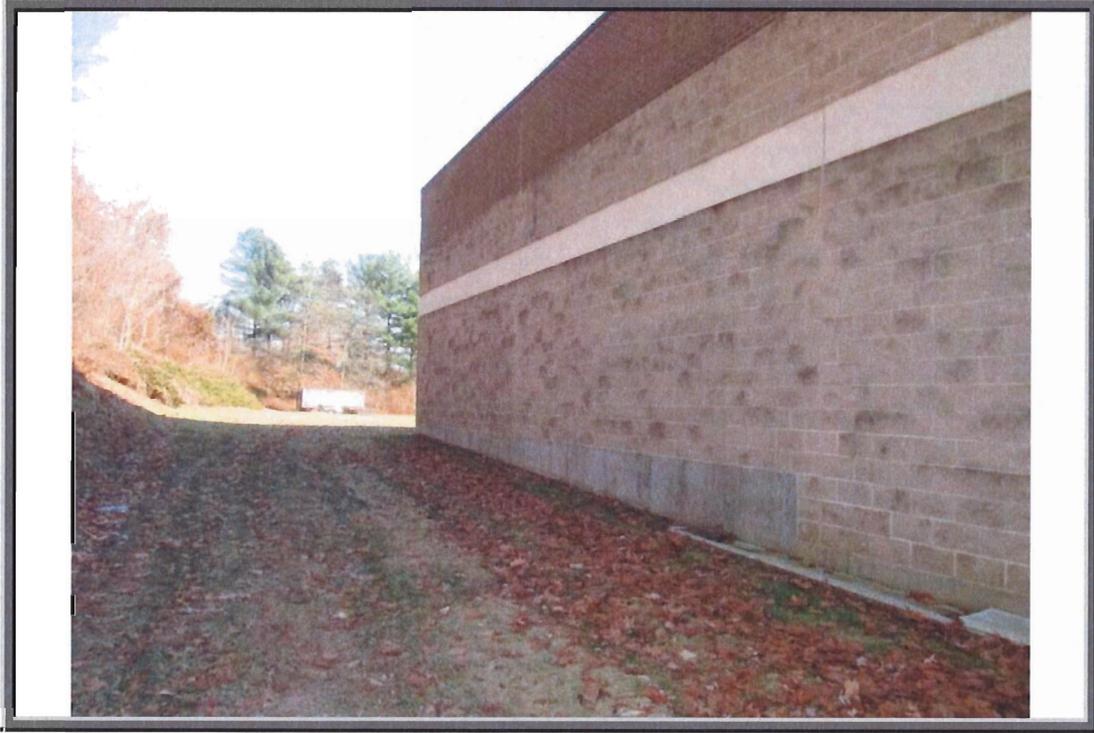


Photograph 1 – Beginning of existing access drive.



Photograph 2 – Proposed access driveway from parking lot to proposed compound area (looking west)
(approximately 1,456 feet long).

**Trumbull SE 4 CT Telecommunications Site
Site Number 17136
60 Commerce Drive, Trumbull, Connecticut 06611**

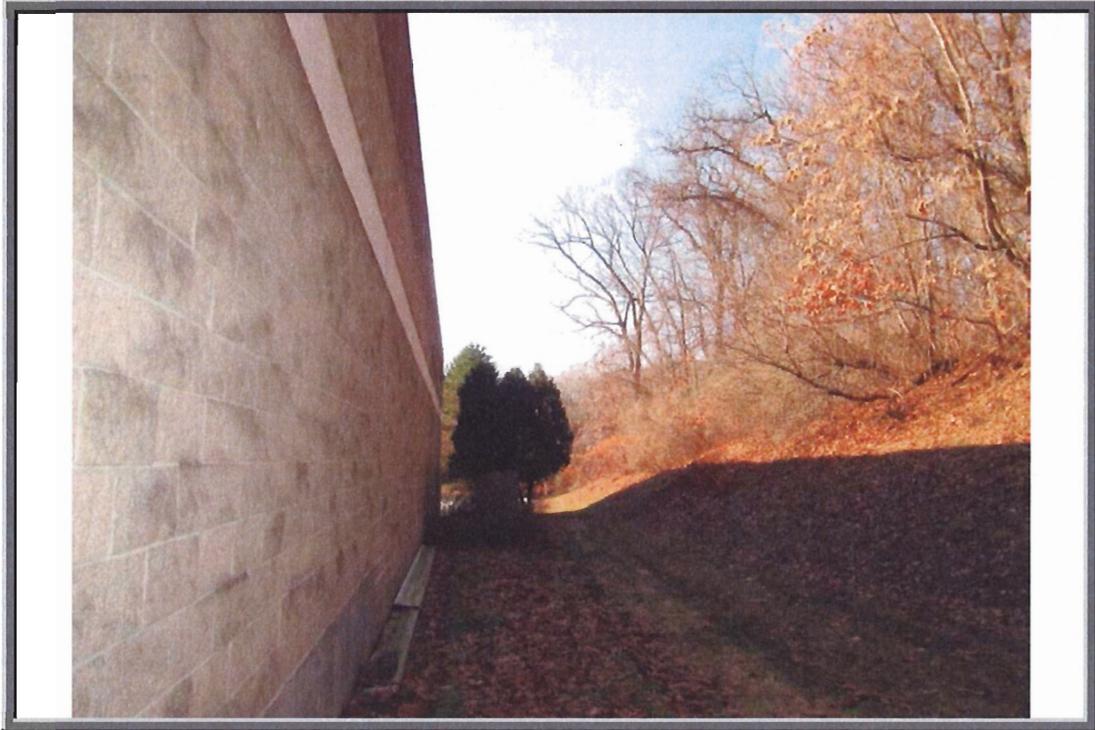


Photograph 3 – Proposed compound area looking east.



Photograph 4 – Looking north from proposed compound area.

**Trumbull SE 4 CT Telecommunications Site
Site Number 17136
60 Commerce Drive, Trumbull, Connecticut 06611**



Photograph 5 – Looking west from proposed compound area.



Photograph 6- Looking east from proposed compound area.

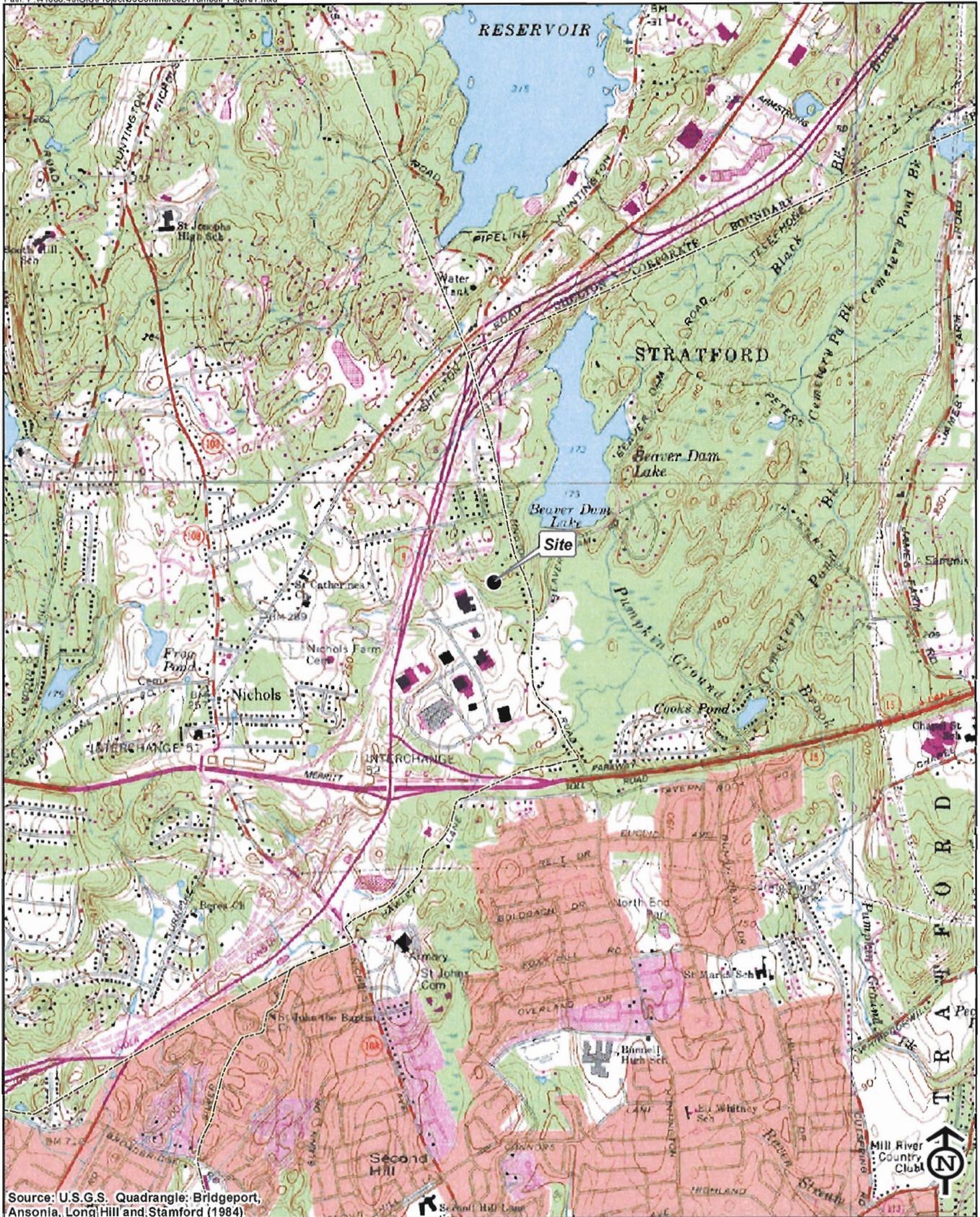
**Trumbull SE 4 CT Telecommunications Site
Site Number 17136
60 Commerce Drive, Trumbull, Connecticut 06611**



Photograph 7 – Looking south from proposed compound area.



Site Location Map



Vanasse Hangen Brustlin, Inc.

Figure 1
Site Location Map
Trumbull SE 4
60 Commerce Drive
Trumbull, Connecticut

