STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

RE: APPLICATION BY T-MOBILE NORTHEAST LLC FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR A TELECOMMUNICATIONS FACILITY AT 158 EDISON ROAD IN THE TOWN OF TRUMBULL, CONNECTICUT

DOCKET NO. _____

Date: August 1, 2011

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APPLICATION FOR CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED

Pursuant to General Statutes § 16-50g *et seq.* and § 16-50j-1 *et seq.* of the Regulations of Connecticut State Agencies, T-Mobile Northeast LLC ("T-Mobile") submits this Application for a Certificate of Environmental Compatibility and Public Need ("Certificate") for the construction, maintenance and operation of a wireless telecommunications facility ("Facility") at 158 Edison Road in the Town of Trumbull ("Application").

I. EXECUTIVE SUMMARY

T-Mobile seeks to construct, maintain and operate the Facility on property known as 158 Edison Road in Trumbull ("Property"). The Facility would provide needed coverage to Route 15, Main Street and Highgate Road, as well as the surrounding area. The proposed Facility would also provide future capacity relief and performance improvements to the existing facilities nearest the coverage objective.

The Facility would replace an existing lattice tower used by the Town of Trumbull ("Town") for emergency services communication, which is approximately 100 feet above grade level ("AGL"). The existing lattice tower is approximately 30 years old and

nearing the end of its life cycle. The Town would like to replace the existing lattice tower with a new, taller structure to accommodate the Town's police, fire and emergency services current and future communication needs. The existing tower, at its current height, does not address the Town's communication needs sufficiently.

The Facility would consist of a 150 foot monopole structure, with T-Mobile's antennas flush mounted at a centerline of 140 AGL. The Facility would also host a regional dispatch platform for emergency services situated atop the monopole. The height and configuration of the regional dispatch platform would be dictated by the needs and specifications of the Town. As designed currently, the regional platform would incorporate stealth characteristics, such as slim profile antennas, painted blue to match the sky background, and a slim profile mounting. T-Mobile's equipment would be located nearby on a concrete equipment pad. The municipal equipment would be located in a separate shelter adjacent to the area leased by T-Mobile.

The Facility would sit within a 490 square foot area leased by T-Mobile, located in the center of the Property, which is an approximately 2.30 acre parcel. The Property is currently used as the Town's police station. An 8 foot high chain link fence, with privacy slats, would secure the equipment at the Facility. Vehicle access would be along an existing bituminous access and parking area used by the police station.

This Application includes a copy of the Council's Community Antenna Television and Telecommunication Facilities Application Guide with references to this Application, attached as Exhibit A. The Application also includes the lease, survey-based plans for the proposed Facility and a topography map, attached hereto as Exhibits B, C and D, respectively, and other information detailing the proposed Facility. The reports and

supporting documentation included in this Application contain the relevant site specific information required by statute and the Council's regulations.

II. BACKGROUND INFORMATION

A. The Applicant

T-Mobile is a limited liability company, organized under the laws of Delaware, with a Connecticut office at 35 Griffin Road South, Bloomfield, Connecticut 06002. The company and its affiliated entities are licensed by the Federal Communications Commission ("FCC") to construct and operate a personal wireless services system in Connecticut, which has been interpreted as a "cellular system" within the meaning of General Statutes § 16-50i (a) (6). T-Mobile does not conduct any other business in the State of Connecticut other than the provision of cellular services under FCC rules and regulations. T-Mobile is committed to use the proposed Facility as the anchor tenant. Communications regarding the Application should be to T-Mobile's attorneys as follows:

Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604
Telephone: (203) 368-0211
Attention: Julie D. Kohler, Esq.
Jesse A. Langer, Esq.

B. Application Fee

The estimated construction cost for the Facility is $250,000.00. In accordance with § 16-50v-1a (b) of the Regulations of Connecticut State Agencies, a check made payable to the Council in the amount of $1,250.00 accompanies this Application.

C. Compliance with General Statute § 16-50*l* (c)

T-Mobile is not engaged in generating electric power in the State of Connecticut; thus, the proposed Facility is not subject to General Statutes § 16-50r. The proposed Facility has not been identified in any annual forecast reports and, therefore, is not subject to General Statute § 16-50*l* (c).

D. The Facility's Initial Configuration

The Facility's initial configuration included a 150 foot monopole, with T-Mobile's antennas mounted on T-arms at 140 feet AGL. According to the Town's specifications, the regional dispatch platform would sit atop the monopole equipped with 3 whip antennas at 10'3", 4 whip antennas at 17'6", 2 dipoles at 10'5" and 1 dipole at 23'4". The regional dispatch platform would consist of a circular platform with a walkway for maintenance workers. The total height of the Facility to the top of the tallest municipal antenna would be approximately 173'4" AGL. These specifications are depicted in T-Mobile's Technical Report, submitted to the Town on December 23, 2009. *See* Bulk Filing, submitted contemporaneously with this Application.

After an extensive consultation with the Town, the Town's consultant and members of the community, T-Mobile agreed to reconfigure the Facility to incorporate stealth measures into the design of the monopole and equipment compound. Additionally, the Town agreed to modify the regional dispatch platform and antennas to minimize the potential visual impact. The reconfiguration accommodates many of the requests made by the community representatives involved in the municipal consultation. These modifications are discussed in Parts VI, VII.A and IX, *infra*, and depicted in the survey-based plans, included with the Application as Exhibit C.

III. SERVICE AND NOTICE REQUIRED BY GENERAL STATUTE § 16-50*l* (b)

Pursuant to General Statutes § 16-50*l* (b), T-Mobile sent copies of this Application to municipal, regional, State, and Federal officials. A certificate of service, along with a list of the parties served with a copy of the Application, is attached hereto as Exhibit E. T-Mobile has published notice of its intent to file this Application on two occasions in the *Connecticut Post* in accordance with § 16-50*l* (b). Copies of the legal notices and the publisher's certificates of publication are attached hereto as Exhibit F. In compliance with § 16-50*l* (b), notices were sent to each person appearing of record as the owner of real property abutting the Property. Certification of such notice, a sample notice letter, and the list of property owners to whom the notice was mailed are included in Exhibit G.

IV. STATEMENT OF NEED AND BENEFIT

A. Statement of Need

In amending the Communications Act of 1934 with the Telecommunications Act of 1996, the United States Congress recognized the important public need for high quality telecommunications services throughout the United States. The purpose of the Telecommunications Act of 1996 was to "provide for a competitive, deregulatory national policy framework designed to accelerate rapidly private sector deployment of advanced telecommunications and information technologies to all Americans." H.R. Conf. Rep. No. 104-458, 206, 104th Cong., Sess. 1 (1996). The Telecommunications Act of 1996 expressly preserved State and/or local land use authority over wireless facilities, placed several requirements and legal limitations on the exercise of that

authority, and preempted State or local regulatory oversight of radio frequency emissions as set forth in 47 U.S.C. § 332 (c) (7). In doing so, Congress sought a balance between the public interest in deployment of wireless services and legitimate areas of State and/or local regulatory control over wireless infrastructure.

The Facility is an integral component of T-Mobile's wireless network in the Town. There is a gap in coverage in this area of the Town, specifically along Route 15, Main Street and Highgate Road, as well as the surrounding area. The Facility would also provide future capacity relief and performance improvements to the existing facilities nearest the coverage objective. The Facility, in conjunction with other existing and future facilities in the Town and surrounding municipalities, is necessary for T-Mobile to provide wireless services to people living in and traveling through this area of the State.

The Town has also expressed a need to replace the existing 100 foot lattice tower, which is outdated and insufficient to address the Town's fire, police and emergency services communication needs. The Town has stated that it would need a new regional and municipal dispatch platform situated atop a taller structure, preferably 150 feet AGL. According to the Town, a platform for emergency services at this height would allow the Town to overcome the challenging topography of the area, as well as provide much needed coverage and allow for future growth.

The propagation plots, attached as Exhibit H, depict T-Mobile's need for the Facility. Based upon the location of the Facility and the current lack of coverage in this area, T-Mobile cannot readily predict when the Facility might reach maximum capacity.

B. Statement of Benefits

T-Mobile is a leading provider of advanced wireless voice and data services throughout the United States. T-Mobile has provided such services in Connecticut since the mid-1990s and remains actively involved in the deployment of state-of-the-art wireless services. In recent years, the public's demand for traditional cellular telephone services has evolved to include expectations of seamless service, wherever the public travels, and readily available access to the internet as well as the ability to send and receive voice, text, image and video through their wireless devices continuously. The ever increasing availability and enhanced sophistication of wireless services has led the public to use their wireless devices as their primary form of communication for both personal and business needs.

To help provide the benefits of wireless technologies to all Americans, Congress enacted the Wireless Communications and Public Safety Act of 1999 ("911 Act"). The purpose of this legislation was to promote public safety through the deployment of a seamless, nationwide emergency communications infrastructure that includes wireless communications services. In enacting the 911 Act, Congress recognized that networks capable of rapid, efficient deployment of emergency services would enable faster delivery of emergency care, resulting in reduced fatalities and severity of injuries. With each year since the passage of the 911 Act, additional anecdotal evidence supports the public safety value of improved wireless communications in aiding lost, ill or injured individuals such as motorists, hikers and boaters.

As an outgrowth of the 911 Act, the FCC mandated that wireless carriers provide enhanced 911 services ("E911") as part of their communications networks. These

services ultimately allow 911 public safety dispatchers to identify a wireless caller's location within several hundred feet. T-Mobile has deployed and continues to deploy "Time Difference of Arrival" network technology to comply with the FCC E911 requirements. The Facility would become an integral component of T-Mobile's E911 network in this area of the state. As other wireless carriers expand their service in the Town through the Facility, E911 services would experience additional improvement.

C. Technological Alternatives

The FCC licenses granted to T-Mobile authorize it to provide cellular and "Personal Communication Services" in this area of the State through deployment of a network of wireless transmitting sites. The Facility is a necessary component of T-Mobile's wireless network. The Facility would also allow other wireless carriers to provide services in this area.

Repeaters, microcell transmitters, distributed antenna systems and other types of transmitting technologies are not a practicable or feasible means to providing service within the sizeable coverage gap in this area. There are no equally effective technological alternatives to construction of a new tower facility for providing reliable personal wireless services in this area of Connecticut.

V. SITE SELECTION AND TOWER SHARING

A. Site Selection

T-Mobile selects a site in an area where there is an existing need or problem regarding coverage or capacity within T-Mobile's network. The site selected is the geographical location where the installation of a telecommunications facility would likely

address the identified coverage or capacity issue. T-Mobile conducts a site search with the goal of finding a site that would resolve the coverage or capacity issue and minimize any potential environmental impact.

T-Mobile conducted a site search within this area of the Town and identified the Property as the best possible location to resolve the existing coverage concerns. The nearest telecommunication facilities are already in use by T-Mobile. There are no other facilities or structures which T-Mobile could utilize to alleviate the existing coverage gap.

The proposed Facility would allow T-Mobile to provide coverage while at the same time minimize any environmental impacts. The site of the proposed Facility:

- Is located on a developed parcel and would replace an existing approximate 100 foot lattice tower;
- Is not located near any wetlands or watercourses;
- Would not require the removal or relocation of any trees; and
- Would accommodate a regional dispatch platform containing police, fire and emergency services antennas.

T-Mobile conducted an extensive site search with collaboration from the Town and some of the Town's citizens. See Part IX.A, *infra*. None of the other sites reviewed, or any other known and available sites, within the coverage objective, would provide adequate coverage and also allow for the same level of mitigation of environmental impacts as does the proposed site for the Facility.

The map of facilities within a four mile radius, along with the site selection narrative and map of rejected sites, Exhibits I and J, respectively, provide a thorough explanation of T-Mobile's methodology for conducting site searches, the actual search for potential sites in the Town, and depict the locations reviewed during T-Mobile's

search and the reasons for elimination from consideration of all but the Property. Due to the nature of development and terrain in the area, the Property is uniquely suited for a telecommunications tower.

C. Tower Sharing

To promote the sharing of wireless facilities in the Town, T-Mobile proposes to construct a facility that can accommodate T-Mobile and 3 other wireless carriers. The Facility would also accommodate regional and municipal public safety antennas at no cost to the Town. Details of the design are included in Exhibit C.

VI. FACILITY DESIGN

T-Mobile would lease a 490 square foot area within the Property, which is an approximately 2.30 acre parcel. The Facility would consist of a 150 foot monopole structure. T-Mobile would install its antennas with flush mounts at 140 feet AGL and place its equipment cabinets nearby. The Facility (including the equipment cabinets) would be secured and concealed by an 8 foot chain link fence with privacy slats.

A regional dispatch platform for emergency services would be situated atop the monopole. The height and configuration of the regional dispatch platform would be predicated on the Town's needs and specifications. As designed presently, the Town would use a 4 foot standoff T-boom antenna mount (as opposed to a full circular platform with walkway) and fiberglass, slim line whip antennas. These antennas would be painted sky blue to blend with the sky background. The municipal equipment would be located in a separate shelter adjacent to the area leased by T-Mobile.

The Facility would accommodate the various wireless carriers active in the Connecticut marketplace. Future carriers would have to finalize terms with the Town regarding ground space for equipment.

Vehicular access to the Facility would be across an existing bituminous access and parking area currently used by the police station. T-Mobile would extend utility service underground from an existing utility demarcation on Merwin Street. Exhibit C contains plans, descriptions and other relevant information for the Facility. Exhibit K is a wetlands inspection report and statement of compliance. Exhibit L is a listing of residential buildings within 1000 feet of the Facility. In summary, those exhibits reveal the following:

- The Facility would be on a developed parcel and would replace an existing approximate 100 foot lattice tower;
- The Facility would not be located near any wetland systems;
- The Facility would not require the removal or relocation of any trees;
- The Facility would host a regional dispatch platform with police, fire and emergency services antennae; and
- The Facility would incorporate a stealth design, including flush mounting for T-Mobile's antennas, privacy slats for the fencing surrounding T-Mobile's equipment shelter and slim profile mounting for the regional platform with painted, slim profile antennas.

VII. ENVIRONMENTAL COMPATIBILITY

Pursuant to General Statutes § 16-50p, the Council is required to find and to determine as part of the Application process any probable environmental impact of the Facility on the natural environment, ecological balance, public health and safety, scenic, historic and recreational values, forest and parks, air and water purity and fish and

wildlife. As demonstrated in this Application and the accompanying attachments and documentation, the Facility would not have a significant adverse environmental impact.

A. Visual Assessment

The visual impact of the Facility would vary from different locations around the Facility depending upon factors such as vegetation, topography, distance from the Facility, and the location of structures around the Facility. Exhibit M contains a Visual Resource Evaluation. The Visual Resource Evaluation includes a computer-based, predictive viewshed model, which has proven to depict accurately the potential impact of the Facility from surrounding views.

T-Mobile retained visibility experts, Vanasse Hangen Brustlin, Inc. ("VHB"), to prepare the Visual Resource Evaluation. As part of its study, on March 2 and 17, 2010, VHB conducted balloon float tests at 150 and 173 feet AGL to evaluate the potential viewshed impacts, if any, associated with the Facility. At the request of the Connecticut State Historic Preservation Office ("SHPO"), on May 11, 2010, VHB conducted an additional balloon float to assess specifically the potential visual impact of the Facility on Route 15 (the Merritt Parkway). VHB conducted the balloon floats at these two heights to account for the top of the monopole structure as well as the height of the regional dispatch platform antennae (as initially configured). With these balloon floats, VHB sought to determine the visual impact of the Facility, accounting for local, state and federal historic and recreational sites, within a 2 mile radius of the proposed Facility ("Study Area"). Exhibit M also includes affidavits for each balloon float. Thereafter, VHB finalized its Visual Resource Evaluation to address the reconfigured Facility as discussed in more detail in Part IX.A, *infra*, and as depicted in Exhibit C.

The topography and vegetation contained at the Property and within the Study Area serve to minimize the potential visual impact of the Facility. The existing vegetation in the area of the Property is mixed deciduous hardwood species with an average estimated height of 60 feet. This vegetation sits on rolling hills that range in ground elevation from approximately 85 feet above mean sea level ("AMSL") to approximately 490 feet AMSL. The tree canopy covers nearly 4,096 acres of the 8,042 acre Study Area. The Study Area includes 202 linear miles of roadways and 164 acres of surface water (including portions of Canoe Brook Lake and Lake Forest).

Based on the viewshed analysis contained in Exhibit M, areas from which the Facility would be at least partially visible year round comprise 46 acres within the 8,042 acre Study Area, which is approximately one-half of 1 percent of the total Study Area. The majority of these views would be within the immediate area of the proposed Facility (approximately 0.25 miles). There are also some isolated views to the northwest, west and southwest approximately 0.60 to 0.90 miles from the Facility. The Facility would be partially visible year round to 71 residential properties within the Study Area.

Areas of seasonal visibility would comprise of approximately 42 additional acres, primarily within the immediate vicinity of the proposed Facility. The proposed Facility would be visible during leaf-off conditions from areas to the northwest, west, southwest and northeast of the Property. These areas are generally adjacent to the areas of year-round visibility and range in distance from approximately 0.35 miles to 0.85 miles. Approximately 48 additional residential properties would have seasonal views of the proposed Facility.

Additionally, the balloon float performed on May 11, 2010, confirmed that the Facility would not have an adverse visual impact on Route 15. The only view would be from an overpass associated with Interstate 84. The results of the additional balloon float are consistent with VHB's earlier field studies. See Exhibits M and P.

The Visual Resources Evaluation demonstrates that the Facility would be as inconspicuous as possible, particularly beyond the immediate vicinity of the Property. The stealth configuration regarding T-Mobile's antennas and the Town's regional dispatch platform would serve to minimize the visual impact of the proposed Facility. Accordingly, the proposed Facility would not result in an unacceptable adverse visual impact. Weather permitting, T-Mobile will raise a balloon with a diameter of at least three (3) feet at the Facility on the day of the Council's first hearing session on this Application, or at a time otherwise specified by the Council.

B. Solicitation of State Agency Comments

T-Mobile submitted a request for review and comment for the Facility to the SHPO and obtained the necessary maps from the database of the Connecticut Department of Environmental Protection ("DEP"). At the SHPO's request, on May 11, 2010, VHB conducted an additional balloon float to assess the potential visual impact of the Facility on the Merritt Parkway (Route 15). The SHPO determined that no adverse impact is anticipated. *See* Part VII.A and VII.D. The DEP map reveals that the Facility would not be near a wetlands system or any critical habitats. Additionally, the United States Fish and Wildlife Service ("USFW") confirmed that there are no threatened or endangered species in the Town. Copies of the SHPO and USFW correspondence, as well as the DEP mapping regarding the Facility are attached hereto as Exhibit N.

C. MPE Limits/Power Density Analysis

In August 1996, the FCC adopted a standard for exposure to Radio Frequency ("RF") emissions from telecommunications facilities like the Facility proposed in this Application. To ensure compliance with applicable standards, T-Mobile performed maximum power density calculations for the Facility assuming that the antennas were pointed at the base of the tower and all channels were operating simultaneously. The resulting power density for T-Mobile's operations would be approximately 5.7022 percent of the applicable Maximum Permissible Exposure (MPE) standards. A copy of the power density calculations and report for the Facility is attached hereto as Exhibit O.

D. Other Environmental Factors

The Facility would be unmanned, requiring infrequent monthly maintenance visits by each carrier that would last approximately one hour. T-Mobile's equipment at the Facility would be monitored 24 hours a day, 7 days a week from a remote location. The Facility would not require a water supply or wastewater utilities. No outdoor storage or solid waste receptacles would be needed, and the Facility would not create or emit any smoke, gas, dust or other air contaminants, noise, odors or vibrations. The construction and operation of the proposed Facility would have no significant impact on air, water, or noise quality.

T-Mobile retained EBI Consulting ("EBI") to evaluate the Facility in accordance with the FCC's regulations implementing the National Environmental Policy Act of 1969 ("NEPA"). A copy of the NEPA Summary Report is attached hereto as Exhibit P.

The site of the Facility is not designated as a wilderness area and it is not located in any areas identified as a wildlife preserve or in a USFW National Wildlife Refuge.

The Facility would not affect threatened or endangered species or designated critical habitats. There are no threatened or endangered species located in the Town. Additionally, the proposed tower would not impact migratory bird species since the height would be below 200 feet, would not include guy wires and would not require lighting. *See* Exhibits N and P.

There are no National Parks, National Forests, National Parkways or Scenic Rivers, State Forest, State Designated Scenic Rivers or State Gamelands located in the vicinity of the site of the Facility. Furthermore, according to the site survey and field investigations, the Facility would not impact any federal or state regulated wetlands or watercourses. In addition, the Facility would not be located within a floodplain.

The Facility would not affect any sites, buildings, structures or objects significant to American history, architecture, culture, archeology or engineering. On May 26, 2010, the SHPO issued a letter stating that the Facility would not impact such resources. The SHPO issued this statement after a field review that included an additional balloon float and evaluation of the Facility's impact on Route 15 (the Merritt Parkway).[1]

EBI also consulted with four Native American Indian tribes – the Delaware Nation, the Mashantucket Pequot Tribe, the Narragansett Indian Tribe and the Delaware Tribe of Indians of Oklahoma – because they might have interests impacted by the construction, operation and maintenance of the Facility. All four Tribes confirmed that they do not have any interests that would be impacted by the Facility. As such, the

[1] On November 15, 2010, the SHPO issued a concurrence after receiving updated information on the Facility's compound area. On July 1, 2011, EBI requested an additional concurrence from the SHPO based upon the reconfiguration as depicted in Exhibit C. As discussed in Part IX.A, *infra*, the reconfiguration incorporates certain stealth measures and reduces the overall height by approximately 2 feet. The SHPO has not responded to date; however T-Mobile anticipates a concurrence because the reconfiguration reduces the potential visual impact of the Facility.

Facility is categorically excluded from any requirement for further environmental review by the FCC in accordance with the NEPA and no permit is required by the FCC prior to construction of the proposed Facility. See 47 C.F.R. §§ 1.1306(b) and 1.1307(a). A copy of the Tribal Consult is included in Exhibit P.

VIII. CONSISTENCY WITH THE TRUMBULL LAND USE REGULATIONS

The Facility would be consistent with Trumbull's Zoning and Wetland Regulations and Plan of Conservation and Development. This section includes an analysis of the Facility under the Town's land use regulations, as well as a description of the planned and existing uses of the Property.

A. Trumbull Plan of Development

The Trumbull Plan of Conservation and Development ("Plan"), a copy of which is included in the bulk filing, was adopted on April 12, 2006, as amended on July 19, 2006. The Plan addresses wireless telecommunications. According to the Plan, "the Trumbull Planning and Zoning Commission recognizes the vital importance of . . . police, fire, emergency, and first-responder personnel in responding to emergencies. Emergency personnel must be able to communicate with one another efficiently and effectively. Cellular communication is a secondary means of communication for our emergency personnel and in some situations could become a primary means of communication." (Emphasis added.) *See* Bulk Filing, July 19, 2006, Amendment to § 10.2. The Facility would accommodate a regional dispatch platform with police, fire and emergency services antennae. Additionally, the Facility would improve wireless services in the area thereby allowing for better communication between the Town and the ever increasing

number of individuals who rely primarily or exclusively on wireless services for communication. Accordingly, the Facility would further some of the objectives articulated by the Plan.

B. Trumbull Zoning Regulations

Article XII of the Trumbull Zoning Regulations ("Regulations") addresses telecommunications facilities. *See* Bulk Filing, Trumbull Zoning Regs. art. XII. Article III of the Regulations addresses setback requirements. The Facility comports with a majority of these requirements, including the following:

- The Facility would meet the setback requirements for structures in a Residence A zone. *See* Exhibit C and Trumbull Zoning Regs. art. III and art. XII, § 5.P ("tower setbacks shall be measured from the base of the tower . . . to the nearest point along each property line of the parcel on which it is located.")

- The Facility would not impact negatively the general safety, welfare and quality of life on the community. It would provide enhanced wireless service and emergency services. Trumbull Zoning Regs. art. XII, § 1.7.

- The Facility would incorporate stealth measures to minimize the visual impact of the Facility, including flush mounting for T-Mobile's antennas, a slim profile mount and slim, painted antennas for the regional platform. T-Mobile would also incorporate privacy slats in the fence surrounding T-Mobile's compound. Trumbull Zoning Regs. art. XII, § 1.8.

- The Facility would encourage co-location as it would accommodate 3 additional carriers and a regional dispatch platform. Trumbull Zoning Regs. art. XII, § 1.9 and 5.I.

- On its own initiative, T-Mobile retained an independent consultant to evaluate the RF levels of the existing lattice tower, which hosts municipal communication equipment, and compare those measurements to the anticipated RF emissions of the proposed Facility. Trumbull Zoning Regs. art. XII, § 5.A.

- The Facility would include security fencing not less than 8 feet in height and would be gated. Trumbull Zoning Regs. art. XII, § 5.E.

- The monopole would not exceed 150 feet AGL (although the regional dispatch platform would do so). Trumbull Zoning Regs. art. XII, § 5.G.

- The Facility would not have any lighting attached to it — other than as required by the FAA. Trumbull Zoning Regs. art. XII, § 5.M.

C. Planned and Existing Land Uses

The Property is currently used as the Town's police station. T-Mobile is not aware of any future development plans regarding the Property.

D. Trumbull Inland Wetlands and Watercourses Regulations

The Trumbull Inland Wetlands and Watercourses Regulations ("Wetlands Regulations") regulate certain activities conducted in or adjacent to "wetlands" as defined therein. Regulated activities include the "removal or deposition of material, or any obstruction, construction, alteration or pollution . . . and any earth moving, filling, construction, or clear-cutting trees . . ." in or of a wetland or watercourse and in adjacent areas. *See* Bulk Filing, Inland Wetlands and Watercourses Regulations, § 2.1. The Wetlands Regulations also define a "regulated activity" to include any activity as defined above within 100 feet of a wetland or watercourse. *See id.*

T-Mobile retained VHB to determine whether there are any wetlands located near the proposed Facility. There are none on the Property. The nearest wetland is a disturbed wetland area associated with the front yard of an existing residence about 175 feet southeast of the Property on the opposite side of Merwin Street. Because of the distance from the Facility to the nearest wetland, VHB concluded that the Facility would not directly or indirectly impact any wetland or watercourse. See Exhibit K.

IX. CONSULTATIONS WITH LOCAL, STATE AND FEDERAL OFFICIALS

A. Local Consultations

General Statutes § 16-50*l* (e) requires an applicant to consult with the local municipality in which a proposed facility may be located and with any adjoining municipality having a boundary of 2,500 feet from the proposed facility concerning the proposed and alternate sites of the facility. On December 23, 2009, T-Mobile submitted a technical report to the First Selectman, the Honorable Timothy M. Herbst, regarding the Facility. The technical report, a copy of which is being bulk filed with this Application, included specifics about the Property, the Facility, the site selection process and the environmental effects, if any, of the proposed Facility. A copy of the cover letter submitted with the technical report is attached as Exhibit Q.

The Town has required that T-Mobile position the regional dispatch platform atop the monopole at 150 feet AGL. Town's representatives confirmed that this height would meet the Town's emergency services needs and also allow for future growth.

T-Mobile has engaged in extensive consultation with the Town and its citizens. On January 29, 2010, representatives of T-Mobile met with the First Selectman; Police Chief, Thomas H. Kiely; and one of the Town's attorneys, Douglas E. LoMonte, to discuss the proposed Facility. They outlined the proposal and addressed questions the Town representatives raised regarding need, environmental impacts and specific project details. T-Mobile also met separately with Police Chief Kiely, Attorney LoMonte and representatives of the Police Union. T-Mobile answered questions posed by the union representatives about health and safety concerns.

To address the Police Union's concerns further, T-Mobile retained an independent RF engineer to assess the RF levels of the existing lattice tower, which hosts municipal communication equipment, and compare those measurements to the anticipated RF emissions of the proposed Facility.

On February 24, 2010, Ronald E. Graiff, P.E., met with representatives of T-Mobile, Police Union representatives and Police Chief Kiely at the Property. Mr. Graiff conducted a field study of the RF emissions emitted from the existing lattice tower at various locations on the Property in the presence of the Police Union and T-Mobile representatives. Thereafter, Mr. Graiff completed a report, independently of T-Mobile, which concluded that the Facility would produce RF emissions well below any local, state, federal or international exposure standards. The report also concluded that the Facility, as proposed, would reduce some of the current exposure levels as the municipal equipment would be elevated to a greater height on the proposed Facility. On March 25, 2010, T-Mobile provided the Town with a copy of the report. The report and related correspondence are attached hereto as Exhibit Q.

T-Mobile also met with representatives of the community on several occasions. On July 15, 2010, representatives of T-Mobile met with representatives of the Town, the Police Union and the community to discuss the proposed Facility. T-Mobile answered questions about the Facility and agreed to work with the community to ensure that there were no other feasible alternatives to the Facility as proposed.

On September 3, 2010, and December 3, 2010, representatives of T-Mobile met with representatives of the community to discuss alternative sites for the proposed Facility. The community representatives asked whether T-Mobile could locate a

telecommunications facility at (1) the Stop & Shop Plaza located at 100 Quality Street; (2) an undeveloped parcel located at 5065 Main Street, adjacent to the Trumbull Mall; or (3) any of the municipal properties rejected by the Town previously. T-Mobile investigated each of these suggestions and determined that none were feasible alternatives. The reasons are outlined below:

1. 100 Quality Street. This parcel hosts a Stop & Shop plaza. T-Mobile's RF engineers reviewed the plaza's 25 foot rooftop and determined that it is too far north to provide coverage to the coverage objective. Additionally, the property owner is not interested in leasing space for a free-standing telecommunications facility.

2. 5065 Main Street. This parcel is undeveloped and located adjacent to the Trumbull Mall. The property owner is not interested in leasing space for a telecommunications facility. Additionally, T-Mobile is one of the wireless carriers using a rooftop installation on the Trumbull Mall.

3. 5866 Main Street. This parcel hosts the Town Hall. T-Mobile's RF engineers reviewed the cupola and determined that the height was insufficient to afford adequate coverage to the target area.

4. 366 Church Hill Road. This parcel hosts the Town's Department of Public Works/Highway Garage. There are no suitable structures on this parcel for co-location. The terrain would require a very tall structure on this parcel, perhaps in excess of 250 feet.

On November 15, 2010, representatives of T-Mobile met with the First Selectman to ensure that no other feasible alternatives exist. They discussed municipal properties in the area, including the Department of Public Works property and Island Brook Park. The Town has not expressed an interest in leasing these properties to T-Mobile for a telecommunications facility. T-Mobile also investigated whether 965 Church Street, a privately owned parcel, would work to alleviate the coverage objective. That parcel would not address the coverage objective because of the topography. Based upon this

extensive consultation with the Town and its citizens, T-Mobile has concluded that the Property is the best site for the Facility.

On April 14, 2011, May 26, 2011 and June 30, 2011, representatives of T-Mobile met with representatives of the Town, representatives of Northeast Communications (the Town's telecommunications consultant) and representatives of the community. These discussions focused on the Town's requirements for the regional platform, which would support police, fire and emergency service communications.

As a result of these discussions, T-Mobile and the Town modified the Facility design to accommodate the requests of the community representatives. T-Mobile would implement the following stealth measures: (1) flush mounts, as opposed to T-arms and (2) T-Mobile would include privacy slats to shield the Facility compound. With respect to the regional dispatch platform, the Town agreed to implement the following stealth devices: (1) the use of fiberglass, slim line whip antennas (eliminate dipoles); (2) antennas painted sky blue to blend with the sky background; (3) the reduction of the overall height of the Facility from 173'4" to 171'6" AGL by reducing the height of the regional platform antennas to include 3 whip antennas at 3'2", 2 whip antennas at 9'6", 4 whip antennas at 16" and 1 whip antenna at 21'6"; and (4) the use of 4 foot standoff T-boom antenna mounts as opposed to a walk-around platform.

Moreover, the Facility would accommodate several other requests by the community. The Facility would be surrounded by an 8 foot fence (with privacy slats). The equipment within the fencing would comply with all applicable codes. Additionally, the Facility would only require lighting when a technician is on site to perform

maintenance. Finally, T-Mobile's cables would be installed internally to minimize any adverse visual impact.

T-Mobile has engaged in an extensive municipal consultation with the Town, the Town's telecommunications consultant, the Police Union and the community. This consultation has spanned approximately 18 months – since the submission of the Technical Report on December 23, 2009 – included many meetings with the community and the retention of an independent RF consultant. Throughout this consultation, T-Mobile has vetted the area for possible alternative locations, worked with the Town and the community to address possible changes to the regional platform and reconfigured the proposed Facility to accommodate the requests of the Town and its citizens.

B. Consultations with State Officials

As noted in Section VII.B of this Application, T-Mobile consulted with the SHPO and obtained a DEP map from the DEP's database in the course of its NEPA survey. Copies of the correspondence with SHPO and the DEP map are attached hereto as Exhibit N.

C. Consultation with Federal Agencies

T-Mobile received a report from SiteSafe concerning compliance with the Federal Aviation Administration ("FAA") for the Facility, which is attached hereto as Exhibit R. The results indicate that the Facility would not require FAA registration, let alone FAA review as a potential air navigation obstruction or hazard. Therefore, no FAA lighting or marking would be required for the towers proposed in this Application. See Exhibit R.

T-Mobile's FCC license permits it to modify its network by building wireless facilities within its licensed area without prior approval from the FCC provided that a

proposed facility does not fall within one of the "listed" categories requiring review under NEPA. The "listed" categories, included in 47 C.F.R § 1.1307, are activities that may affect wilderness areas, wilderness preserves, endangered or threatened species, critical habitats, National Register historic districts, sites, buildings, structures or objects, Indian religious sites, flood plains and federal wetlands. The resulting report, attached hereto as Exhibit P, confirm that the Property does not fall under any of the NEPA "listed" categories of 47 C.F.R. §1.1307. Therefore, the proposed Facility does not require review by the FCC pursuant to NEPA.

X. ESTIMATED COST AND SCHEDULE

A. Overall Estimated Cost

The total estimated cost of construction for the Facility is $250,000.00. This estimate includes:

(1) Tower and foundation costs (including installation) of approximately $135,000.00;

(2) Site development costs of approximately $70,000.00; and

(3) Utility installation costs of approximately $45,000.00.

B. Overall Scheduling

Site preparation and engineering would commence immediately following Council approval of T-Mobile's Development and Management ("D&M") Plan and is expected to be completed within four (4) to five (5) weeks. Installation of the monopole structure, antennas and associated equipment is expected to take an additional eight (8) weeks. The duration of the total construction schedule is approximately thirteen (15) weeks.

Facility integration and system testing is expected to require an additional two (2) weeks after the construction is completed.

XI. CONCLUSION

This Application and the accompanying materials and documentation demonstrate that a public need exists in the Town for improved wireless services and that the Facility would not have any substantial adverse environmental effects. The Facility would also enhance the Town's communications needs for emergency services. T-Mobile, therefore, respectfully submits that the public need for the Facility outweighs any potential environmental effects resulting from the construction of the Facility, and that the Council should grant a Certificate of Environmental Compatibility and Public Need for the Facility.

Respectfully Submitted,

T-MOBILE NORTHEAST LLC

By: _____

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EXHIBIT A

Application Guideline	Location in Application
(A) An Executive Summary on the first page of the application with the address, proposed height, and type of tower being proposed. A map showing in the location of the proposed site should accompany the description;	I. Executive Summary, pages 1-2 Exhibit C, Site Plans
(B) A brief description of the proposed facility, including the proposed locations and heights of each of the various proposed sites of the facility, including all candidates referred to in the application;	I. Executive Summary, pages 1-2 VI. Facility Design, pages 10-11 Exhibit C, Site Plans
(C) A statement of the purpose for which the application is made;	I. Executive Summary, pages 1-2
(D) A statement describing the statutory authority for such application;	I. Executive Summary, pages 1-2
(E) The exact legal name of each person seeking the authorization or relief and the address or principal place of business of each such person. If any applicant is a corporation, trust, or other organized group, it shall also give the state under the laws of which it was created or organized;	II.A. The Applicant, page 3
(F) The name, title, address, and telephone number of the attorney or other person to whom correspondence or communications in regard to the application are to be addressed. Notice, orders, and other papers may be served upon the person so named, and such service shall be deemed to be service upon the applicant;	II.A. The Applicant, page 3
(G) A statement of the need for the proposed facility with as much specific information as is practicable to demonstrate the need including a description of the proposed system and how the proposed facility would eliminate or alleviate any existing deficiency or limitation;	IV.A. Statement of Need, pages 5-6 IV.C. Technological Alternatives, page 8 Exhibit H, Radio Frequency Coverage Plots from T-Mobile
(H) A statement of the benefits expected from the proposed facility with as much specific information as is practicable;	IV.B. Statement of Benefits, pages 7-8
(I) A description of the proposed facility at the proposed prime and alternative sites including:	I. Executive Summary, pages 1-2 IV.A. Statement of Need, pages 5-6

Application Guideline	Location in Application
(1) Height of the tower and its associated antennas including a maximum "not to exceed height" for the facility, which may be higher than the height proposed by the Applicant; (2) Access roads and utility services; (3) Special design features; (4) Type, size, and number of transmitters and receivers, as well as the signal frequency and conservative worst-case and estimated operational level approximation of electro magnetic radiofrequency power density levels (facility using FCC Office of Engineering and Technology Bulletin 65, August 1997) at the base of the tower base, site compound boundary where persons are likely to be exposed to maximum power densities from the facility; (5) A map showing any fixed facilities with which the proposed facility would interact; (6) The coverage signal strength, and integration of the proposed facility with any adjacent fixed facility, to be accompanied by multi-colored propagation maps of red, green and yellow (exact colors may differ depending on computer modeling used, but a legend is required to explain each color used) showing interfaces with any adjacent service areas, including a map scale and north arrows; and (7) For cellular systems, a forecast of when maximum capability would be reached for the proposed facility and for facilities that would be integrated with the proposed facility.	VI. Facility Design, pages 10-11 VII.C. MPE Limits/Power Density Analysis, page 15 Exhibit O, Power Density Calculations Exhibit H, T-Mobile's Radio Frequency Coverage Plots Exhibit C, Site Plans
(J) A description of the named sites, including : (1) The most recent U.S.G.S. topographic quadrangle map (scale 1 inch = 2000 feet) marked to show the site of the facility and any significant changes within a one mile radius of the site; (2) A map (scale not less than 1 inch =	VI. Facility Design, pages 10-11 Exhibit C, Site Plans

Application Guideline	Location in Application
200 feet) of the lot or tract on which the facility is proposed to be located showing the showing the acreage and dimensions of such site, the name and location of adjoining public roads or the nearest public road, and the names of abutting owners and the portions of their lands abutting the site; (3) A site plan (scale not less than 1 inch = 40 feet) showing the proposed facility, fall zones, existing and proposed contour elevations, 100 year flood zones, waterways, and all associated equipment and structures on the site; (4) Where relevant, a terrain profile showing the proposed facility and access road with existing and proposed grades; and (5) The most recent aerial photograph (scale not less than 1 inch = 1000 feet) showing the proposed site, access roads, and all abutting properties.	
(K) A statement explaining mitigation measures for the proposed facility including: (1) Construction techniques designed to specifically minimize adverse effects on natural areas and sensitive areas; (2) Special design features made specifically to avoid or minimize adverse effects on natural areas and sensitive areas; (3) Establishment of vegetation proposed near residential, recreation, and scenic areas; and (4) Methods for preservation of vegetation for wildlife habitat and screening.	VI. Facility Design, pages 10-11 IV.C. Technological Alternatives, page 8 (antenna requirements) VII.B. Solicitation of State Agency Comments, page 14 Exhibit C, Site Plans Exhibit J, Site Selection Analysis and Map of Rejected Sites Exhibit K, Statement of Compliance Exhibit N, Correspondence with State Agencies
(L) A description of the existing and planned land uses of the named sites and surrounding areas;	VIII.C. Planned and Existing Land Uses, page 19
(M) A description of the scenic, natural, historic, and recreational characteristics of the named sites and surrounding areas	VII.D. Trumbull Inland Wetlands and Watercourses Regulations, page 19

Application Guideline	Location in Application
including officially designated nearby hiking trails and scenic roads;	Exhibit M, Visual Resource Evaluation Report Exhibit N, Correspondence with State Agencies Exhibit P, NEPA Summary Report Bulk Filing
(N) Sight line graphs to the named sites from visually impacted areas such as residential developments, recreational areas, and historic sites;	Exhibit M, Visual Resource Evaluation Report. Applicant respectfully requests a waiver from the sight line graphs requested in the Council's guidelines given the extensive and comprehensive visual analysis, including viewshed maps and photosimulations from such visual receptors as included in Exhibit M.
(O) A list describing the type and height of all existing and proposed towers and facilities within a four mile radius within the site search area, or within any other area from which use of the proposed towers might be feasible from a location standpoint for purposes of the application;	Exhibit I
(P) A description of efforts to share existing towers, or consolidate telecommunications antennas of public and private services onto the proposed facility including efforts to offer tower space, where feasible, at no charge for space for municipal antennas;	V. Site Selection and Tower Sharing, pages 8-10 Exhibit C, Site Plans
(Q) A description of the technological alternatives and a statement containing justification for the proposed facility;	IV.C. Technological Alternatives, page 8
(R) A description of rejected sites with a U.S.G.S. topographic quadrangle map (scale 1 inch= 2,000 feet) marked to show the location of rejected sites;	V. Site Selection and Tower Sharing, pages 8-10 Exhibit J, Site Selection Analysis and Rejected Sites
(S) A detailed description and justification for the site(s) selected, including a description of siting criteria and the narrowing process by which other possible sites were considered and eliminated, including, but not limited to, environmental	V. Site Selection and Tower Sharing, pages 8-10 Exhibit H, T-Mobile's Radio Frequency Coverage Plots

Application Guideline	Location in Application
effects, cost differential, coverage lost or gained, potential interference with other facilities, and signal loss due to geographical features compared to the proposed site(s);	Exhibit J, Site Selection Analysis and Map of Rejected Sites
(T) A statement describing hazards to human health, if any, with such supporting data and references to regulatory standards;	VII.C. MPE Limits/Power Density Analysis, page 15 Exhibit O, Power Density Analysis Bulk Filing
(U) A statement of estimated costs for site acquisition, construction, and equipment for a facility at the various proposed sites of the facility, including all candidates referred to in the application;	X.A. Overall Estimated Cost, page 25
(V) A schedule showing the proposed program of site acquisition, construction, completion, operation and relocation or removal of existing facilities for the named sites;	X.B. Overall Scheduling, pages 25-26
(W) A statement indicating that, weather permitting, the applicant will raise a balloon with a diameter of at least three feet, at the sites of the various proposed sites of the facility, including all candidates referred to in the application, on the day of the Council's first hearing session on the application or at a time otherwise specified by the Council. For the convenience of the public, this event shall be publicly noticed at least 30 days prior to the hearing on the application as scheduled by the Council; and	VII.A. Visual Assessment, pages 12-14
(X) Such information as any department or agency of the state exercising environmental controls may, by regulation, require including: (1) A listing of any federal, State, regional, district, and municipal agencies, including but not limited to the Federal Aviation Administration; Federal Communications Commission; State Historic Preservation Officer; State Department of Environmental Protection;	VII.B. Solicitation of State Agency Comments, page 14 VII.C. MPE Limits/Power Density Analysis, page 15 VII.D. Other Environmental Factors, pages 15-17 IX. Consultation with Local, State and Federal Officials, pages 20-25

Application Guideline	Location in Application
and local conservation, inland wetland, and planning and zoning commissions with	
which reviews were conducted concerning the facility, including a copy of any agency position or decision with respect to the facility; and (2) The most recent conservation, inland wetland, zoning, and plan of development documents of the municipality, including a description of the zoning classification of the site and surrounding areas, and a narrative summary of the consistency of the project with the Town's regulations and plans.	VIII. Consistency with the Trumbull Land Use Regulations, pages 17-19 Exhibit N, State Agency Correspondence Exhibit O, RF Emissions Report (power density) Exhibit P, NEPA Summary Report Exhibit Q, Municipal Consult Exhibit R, FAA Letter Bulk Filing
(Y) Description of proposed site clearing for access road and compound including type of vegetation scheduled for removal and quantity of trees greater than six inches diameter at breast height and involvement with wetlands;	Exhibit C, Site Plan
(Z) Such information as the applicant may consider relevant.	Exhibit L, Residential Structures within 1000 feet of the Facility

EXHIBIT B

SITE LEASE WITH OPTION

THIS SITE LEASE WITH OPTION (this "Lease") is by and between Town of Trumbull, a(n) a municpal corporation ("Landlord") and T-Mobile Northeast LLC, a Delaware limited liability company ("Tenant").

1. Option to Lease.

(a) In consideration of the payment of [redacted] (the "Option Fee") by Tenant to Landlord, Landlord hereby grants to Tenant an option to lease a portion of the real property described in the attached Exhibit A (the "Property"), on the terms and conditions set forth herein (the "Option"). The Option shall be for an initial term of twelve (12) months, commencing on the Effective Date (as defined below) (the "Option Period"). The Option Period may be extended by Tenant for an additional twelve (12) months upon written notice to Landlord and payment of the sum of [redacted] ("Additional Option Fee") at any time prior to the end of the Option Period.

(b) During the Option Period and any extension thereof, and during the Initial Term and any Renewal Term (as those terms are defined below) of this Lease, Landlord agrees to cooperate with Tenant in obtaining, at Tenant's expense, all licenses and permits or authorizations required for Tenant's use of the Premises (as defined below) from all applicable government and/or regulatory entities (including, without limitation, zoning and land use authorities, and the Federal Communications Commission ("FCC") ("Governmental Approvals"), including all land use and zoning permit applications, and Landlord agrees to cooperate with and to allow Tenant, at no cost to Landlord, to obtain a title report, zoning approvals and variances, land-use permits. Landlord expressly grants to Tenant a right of access to the Property to perform any surveys, soil tests, and other engineering procedures or environmental investigations ("Tests") on the Property deemed necessary or appropriate by Tenant to evaluate the suitability of the Property for the uses contemplated under this Lease. During the Option Period and any extension thereof, and during the Initial Term or any Renewal Term of this Lease, Landlord agrees that it will not interfere with Tenant's efforts to secure other licenses and permits or authorizations that relate to other property. During the Option Period and any extension thereof, Tenant may exercise the Option by so notifying Landlord in writing, at Landlord's address in accordance with Section 12 hereof.

(c) If Tenant exercises the Option, then Landlord hereby leases to Tenant that portion of the Property sufficient for placement of the Antenna Facilities (as defined below), together with all necessary space and easements for access and utilities, as generally described and depicted within the green lines on the plans attached as Exhibit B (collectively referred to hereinafter as the "Premises"). The Premises are located at **158 Edison Road, Trumbull, Fairfield County, Connecticut 06611.** For the avoidance of doubt, the spaces marked "Future" and "Future Carrier" on Exhibit B are not included within the Premises.

2. Term. The initial term of this Lease shall be five (5) years commencing on the date of exercise of the Option (the "Commencement Date"), and terminating at midnight on the last day of the initial term (the "Initial Term").

3. Renewal. Tenant shall have the right to extend this Lease for four (4) additional and successive five-year terms (each a "Renewal Term") on the same terms and conditions as set forth herein. This Lease shall automatically renew for each successive Renewal Term unless Tenant notifies Landlord, in writing, of Tenant's intention not to renew this Lease, at least thirty (30) days prior to the expiration of the Initial Term or any Renewal Term. If Tenant shall remain in possession of the Premises at the expiration of this Lease or any Renewal Term without a written agreement, such tenancy shall be deemed a month-to-month tenancy under the same terms and conditions of this Lease.

4. Rent.

(a) From and after the Commencement Date, Tenant shall pay Landlord or designee, as rent, [redacted] per month ("Rent"). The first payment of Rent shall be due within twenty (20) days following the Commencement Date and shall be prorated based on the days remaining in the month following the Commencement Date, and thereafter Rent will be payable monthly in advance by the fifth day of each month to Landlord at the address specified in Section 12 below. If this Lease is terminated for any reason (other than a default by Tenant) at a time other than on the last day of a month, Rent shall be prorated as of the date of termination and all prepaid Rent shall be immediately refunded to Tenant. Landlord, its successors, assigns and/or designee, if any, will submit to Tenant any documents required by Tenant in connection with the payment of Rent, including, without limitation, an IRS Form W-9.

(b) During the Initial Term and any Renewal Terms, monthly Rent shall be adjusted, effective on the first day of each year of the Initial or Renewal Term, and on each such subsequent anniversary thereof, to an amount equal to [redacted] of the monthly Rent in effect immediately prior to the adjustment date.

(c) If any installment of Rent is not received by Landlord within ten (10) days after it is due; Tenant shall pay to Landlord as a late charge ten percent (10%) of the amount of rent overdue.

(d) Rent Abatement. Notwithstanding the above, Tenant shall abate [redacted] ("Rent Abatement") from the Rent commencing on the Commencement Date through the end of the ninety-sixth (96th) month, which shall occur at the end of the third year of the Second Renewal Term ("Rent Abatement Period"). Said Rent Abatement shall total [redacted], which represents Tenant's upfront costs for Landlord's equipment, installation of Landlord's equipment, Landlord's fees for a third party consultant and the removal of the current tower that is located on the Property. Upon the expiration of the ninety-sixth month, Tenant shall pay Landlord Rent in accordance with the terms as set forth above.

TMN LLC

5. Permitted Use. The Premises may be used by Tenant for the transmission and reception of radio communication signals and for the construction, installation, operation, maintenance, repair, removal or replacement of related facilities, including, without limitation, tower and base, antennas, microwave dishes, equipment shelters and/or cabinets and related activities.

Notwithstanding any language to the contrary which may be contained in this agreement, the Tenant shall either permit to be installed, or at the option of the governmental entities, to install such radio transmitting, repeating, and/or receiving equipment as may be determined to be necessary for the public health, safety and welfare by the Landlord, State of Connecticut, County of Fairfield, Town of Trumbull and any similar governmental entity providing emergency services ("Governmental Emergency Services Entity"). Said installation of the Governmental Emergency Services Entity by Tenant shall be limited to a one (1) time only initial installation. Furthermore, said installation shall only be conducted upon Tenant's written consent, which shall not be unreasonably withheld, conditioned or delayed. If this installation is installed subsequent to Tenant's installation, then such installation shall not interfere with Tenant's operations pursuant to Section 6 herein.

6. Interference; Pre-Construction Testing and Operational Use.

(a) Tenant shall provide in writing: (1) a full listing of all proposed frequencies to be deployed by Tenant at the Premises (the "Proposed Frequencies"); and (2) an RF engineering study (the "RF Engineering Study"), prepared by a Landlord-approved third party, including a determination that the deployment of the Proposed Frequencies will not cause Interference to the Public Safety Communications Equipment.

(b) The RF Engineering Study will include the following:

(1) An intermodulation study; and

(2) A study on the impact on co channel and adjacent channel selectivity and desensitization. Receive frequencies will not be impacted to a level below –110 dBm sensitivity by Tenant's transmissions.

(c) Tenant will exclude from use at the Premises the public safety and commercial use frequencies listed on Exhibit C, attached hereto, and both the lower and upper adjacent channels.

(d) Tenant shall not commence any work related to the construction, installation or erection of the Combined Use Facility on the Premises until the RF Engineering Study is approved in writing by Landlord, which approval shall not be unreasonably withheld, conditioned, denied or delayed. Landlord shall signify approval by signing off on the RF engineering study and shall signify disapproval by sending Tenant written notice of such disapproval. Any notice of such disapproval must state with specificity the reasons for Landlord's objections and what Tenant must do to make the RF engineering study approvable by Landlord. Landlord shall have ten (10) days from the date of receipt of the RF engineering study or any modified RF engineering study to approve or disapprove same or the RF engineering study shall be deemed approved.

(e) If, at any time during the Initial Term or any Renewal Term, Tenant wishes to add frequencies to the list of Proposed Frequencies, Tenant shall notify Landlord in writing in advance and deliver to Landlord an updated RF Engineering Study that complies with Section 6(b) prior to initiating use of those additional frequencies

(f) The expenses charged by the Landlord-approved third party for the initial RF Engineering Study and any follow-up RF Engineering Study pursuant to Section 6(e) shall be commercially reasonable.

(g) Following the completion of construction, Tenant shall operate the Antenna Facilities in a manner that will not cause Interference to the Public Safety Communications Equipment. All operations by Tenant shall be in compliance with applicable Federal Communications Commission ("FCC") requirements. If the Antenna Facilities cause Interference with the Public Safety Communications Equipment, Tenant shall, promptly upon receipt of written notice, take all necessary steps to identify and eliminate the source of the Interference. Tenant shall be permitted to operate a cell on wheels ("COW") during the time period during which it is investigating and eliminating the Interference, provided that the COW does not cause Interference with the Public Safety Communications Equipment. If Tenant fails to cause the Interference to be identified and eliminated, Landlord may pursue any remedies available under this Lease, at law, and/or equity or terminate this Lease immediately upon written notice. Notwithstanding anything in this Section 6(g) to the contrary, in the event of Dangerous Interference, Landlord's notice to Tenant shall include a statement referring to the imminent danger and Tenant shall, if requested by Landlord, immediately discontinue all commercial use of the Antenna Facilities until such time as the source of the Dangerous Interference is identified and eliminated.

(h) Subsequent to the installation of the Public Safety Communications Equipment, Landlord shall not permit itself, its tenants or licensees to install new equipment ("New Landlord Equipment") on the Property or property contiguous thereto owned or controlled by Landlord, if such New Landlord Equipment is likely to cause Interference with Tenant's operations. Such Interference shall be deemed a material breach by Landlord. In the event Interference occurs due to Landlord's installation of New Landlord

Equipment, Landlord agrees to take all action necessary to identify the source of such Interference and eliminate such Interference within thirty (30) days of receipt of written notice thereof. If Landlord fails to comply with this Section 6(h), Tenant may terminate this Lease, and/or pursue any other remedies available under this Lease at law, and/or at equity. Landlord shall, however, have the right to install and maintain a video camera similar in size to the camera currently located on the Property for the purpose of monitoring traffic provided that equipment does not cause Interference with Tenant's operations.

(i) As used in this Section 6, "Interference" means and includes any performance degradation, misinterpretation, or loss of information to a radio communications system caused by (i) unwanted energy emissions, radiations, or inductions, or (ii) physical barriers including, but not limited to, walls, metal frames or other structures. "Interference" shall not include permissible interference, as defined by the FCC. For the purposes of this Section 6, "Dangerous Interference" means Interference that is so severe as, in Landlord's reasonable judgment, to pose an imminent danger to the health or safety of the public, police, fire or emergency services personnel.

(j) Tenant shall indemnify and hold Landlord harmless from any and all claims (including attorney's fees, costs and expenses of defending such claims) arising from its failure to fulfill its obligations under this Section 6, unless such claims are a result of Landlord's negligence or willful misconduct.

7. Improvements; Utilities; Access.

(a) Tenant shall have the right, at its expense, to erect and maintain on the Premises improvements, personal property and facilities necessary to operate its communications system, including, without limitation, radio transmitting and receiving antennas, microwave dishes, tower and base, equipment shelters and/or cabinets and related cables and utility lines and a location based system, as such location based system may be required by any county, state or federal agency/department, including, without limitation, additional antenna(s), coaxial cable, base units and other associated equipment (collectively, the "Antenna Facilities"). Tenant shall have the right to alter, replace, expand, enhance and upgrade the Antenna Facilities at any time during the term of this Lease. Tenant shall cause all construction to occur lien-free and in compliance with all applicable laws and ordinances. Landlord acknowledges that it shall neither interfere with any aspects of construction nor attempt to direct construction personnel as to the location of or method of installation of the Antenna Facilities and the Easements (as defined below). The Antenna Facilities shall remain the exclusive property of Tenant and shall not be considered fixtures. Subject to Section 7(c) herein, Tenant shall have the right to remove the Antenna Facilities at any time during and upon the expiration or termination of this Lease.

(b) Tenant, at its expense, may use any and all appropriate means of restricting access to the Antenna Facilities, including, without limitation, the construction of a fence.

(c) Tenant shall, at Tenant's expense, keep and maintain the Antenna Facilities now or hereafter located on the Property in commercially reasonable condition and repair during the term of this Lease, normal wear and tear and casualty excepted. Upon termination or expiration of this Lease, the Premises shall be returned to Landlord in good, usable condition, normal wear and tear and casualty excepted. Within thirty (30) days from the expiration or termination of this Lease, Landlord shall provide written notice to the Tenant instructing Tenant to either remove the tower or turn over ownership of the tower to the Landlord for the cost of [redacted]. In the event Landlord notifies Tenant that it chooses to obtain ownership of the tower, Tenant shall transfer ownership of the tower to Landlord and shall remove its improvements, equipment, fixtures (not including the tower), and all other property from the Premises within ninety (90) days from the termination or expiration of the Lease, except for the tower, which shall remain on the Premises. In the event Landlord does not choose to retain ownership of the tower, Tenant shall remove all improvements as set forth herein, including the tower and the removal of the tower foundation a minimum of one and a half (1 ½) feet below grade. In the event Tenant fails to remove the Antenna Facilities and all related personal property and fixtures, the Landlord shall have the right, but not the obligation, to remove all such items from the Property and to obtain reimbursement from the Tenant for all costs and expenses associated with such removal. In addition, Tenant shall be obligated to continue to pay Rent, [redacted] of the amount of Rent existing at the time of termination, for the period of time during which the Tenant or Landlord is involved in removing those items left by the Tenant on the Property.

(d) Tenant shall have the right to install utilities, at Tenant's expense, and to improve the present utilities on the Property. Landlord agrees to use reasonable efforts in assisting Tenant to acquire necessary utility service. Tenant shall, wherever practicable, install separate meters for utilities used on the Property by Tenant. In the event separate meters are not installed, Tenant shall pay the periodic charges for all utilities attributable to Tenant's use, at the rate charged by the servicing utility. Landlord shall diligently correct any variation, interruption or failure of utility service.

(e) As partial consideration for Rent paid under this Lease, Landlord hereby grants Tenant easements on, under and across the Property for ingress, egress, utilities and access (including access for the purposes described in Section 1) to the Premises adequate to install and maintain utilities, including, but not limited to, the installation of power and telephone service cable, and to service the Premises and the Antenna Facilities at all times during the Initial Term of this Lease and any Renewal Term (collectively, the "Easements"). The Easements provided hereunder shall have the same term as this Lease.

(f) Tenant shall have 24-hours-a-day, 7-days-a-week access to the Premises at all times during the Initial Term of this Lease and any Renewal Term, at no charge to Tenant. Upon prior notice to Tenant, Landlord shall have access to its equipment located on the tower to maintain, repair and upgrade Landlord's communications equipment. Such notice shall not be required in the event of an emergency, but notice shall be given to Tenant as soon thereafter as practicable.

(g) Landlord shall maintain and repair all access roadways from the nearest public roadway to the Premises in a manner sufficient to allow vehicular and pedestrian access at all times, at its sole expense, except for any damage to such roadways caused by Tenant.

8. Termination. Except as otherwise provided herein, this Lease may be terminated, without any penalty or further liability as follows:

(a) upon thirty (30) days' written notice by Landlord if Tenant fails to cure a default for payment of amounts due under this Lease within such thirty (30) day period;

(b) immediately upon written notice by Tenant if Tenant notifies Landlord of any unacceptable results of any Tests prior to Tenant's installation of the Antenna Facilities on the Premises, provided Tenant's use, investigations, or presence on the Premises did not contribute to the unacceptable results or if Tenant through no fault of its own is unable to obtain, maintain, or otherwise forfeits or cancels any license (including, without limitation, an FCC license), permit or any Governmental Approval necessary to the installation and/or operation of the Antenna Facilities or Tenant's business; In the event Tenant voluntarily elects not to obtain, maintain, or otherwise forfeits or cancels any license (including without limitation an FCC license), permit or any Governmental Approval necessary to the installation and/or operation of the Antenna Facilities or Tenant's business, and thereafter seeks to terminate this Lease, such termination shall be upon thirty (30) days' written notice and payment of liquidated damages in the amount of six (6) months of the then current rent to Landlord;

(c) upon thirty (30) days' written notice by Tenant if Tenant determines that the Property or the Antenna Facilities are inappropriate or unnecessary for Tenant's operations for economic or technological reasons, provided Tenant pays Landlord liquidated damages in the amount of six (6) months then current Rent;

(d) immediately upon written notice by Tenant if the Premises or the Antenna Facilities are destroyed or damaged so as in Tenant's reasonable judgment to substantially and adversely affect the effective use of the Antenna Facilities. In such event, all rights and obligations of the parties shall cease as of the date of the damage or destruction, and Tenant shall be entitled to the reimbursement of any Rent prepaid by Tenant. If Tenant elects to continue this Lease, then all Rent shall abate until the Premises and/or the Antenna Facilities are restored to the condition existing immediately prior to such damage or destruction; or

(e) at the time title to the Property transfers to a condemning authority pursuant to a taking of all or a portion of the Property sufficient in Tenant's determination to render the Premises unsuitable for Tenant's use. Landlord and Tenant shall each be entitled to pursue their own separate awards with respect to such taking. Sale of all or part of the Property to a purchaser with the power of eminent domain in the face of the exercise of the power shall be treated as a taking by condemnation.

9. Default and Right to Cure. Notwithstanding anything contained herein to the contrary and without waiving any other rights granted to it at law or in equity, each party shall have the right, but not the obligation, to terminate this Lease on written notice pursuant to Section 12 hereof, to take effect immediately, if the other party fails to perform any covenant or commits a material breach of this Lease and fails to diligently pursue a cure thereof to its completion after thirty (30) days' written notice specifying such failure of performance or default.

10. Taxes. Tenant shall pay any personal property tax, real property tax or any other tax or fee which is directly attributable to the presence or installation of Tenant's Antenna Facilities, only for so long as this Lease remains in effect. If Landlord receives notice of any personal property or real property tax assessment against Landlord, which may affect Tenant and is directly attributable to Tenant's installation, Landlord shall provide timely notice of the assessment to Tenant sufficient to allow Tenant to consent to or challenge such assessment, whether in a Court, administrative proceeding, or other venue, on behalf of Landlord and/or Tenant. Further, Landlord shall provide to Tenant any and all documentation associated with the assessment and shall execute any and all documents reasonably necessary to effectuate the intent of this Section 10. In the event real property taxes are assessed against Landlord or Tenant for the Premises or the Property, Tenant shall have the right, but not the obligation, to terminate this Lease without further liability after thirty (30) days' written notice to Landlord, provided Tenant pays any real property taxes assessed as provided herein.

11. Insurance and Subrogation and Indemnification.

(a) Tenant will maintain Commercial General Liability Insurance in amounts of [redacted] per occurrence and [redacted] aggregate. Tenant may satisfy this requirement by obtaining the appropriate endorsement to any master policy of liability insurance Tenant may maintain.

(b) Landlord and Tenant hereby mutually release each other (and their successors or assigns) from liability and waive all right of recovery against the other for any loss or damage covered by their respective first party property insurance policies for all perils insured thereunder. In the event of such insured loss, neither party's insurance company shall have a subrogated claim against the other.

(c) Subject to the property insurance waivers set forth in subsection 11(b), Landlord and Tenant each agree to indemnify and hold harmless the other party from and against any and all claims, damages, costs and expenses, including reasonable attorney fees, to the extent caused by or arising out of the negligent acts or omissions or willful misconduct in the operations or activities on the Property by the indemnifying party or the employees, agents, contractors, licensees, tenants and/or subtenants of the indemnifying party, or a breach of any obligation of the indemnifying party under this Lease. The indemnifying party's obligations under this section are contingent upon its receiving prompt written notice of any event giving rise to an obligation to indemnify the other party and the indemnified party's granting it the right to control the defense and settlement of the same.

(d) Notwithstanding anything to the contrary in this Lease, the parties hereby confirm that the provisions of this Section 11 shall survive the expiration or termination of this Lease.

(e) Tenant shall not be responsible to Landlord, or any third-party, for any claims, costs or damages (including, fines and penalties) attributable to any pre-existing violations of applicable codes, statutes or other regulations governing the Property.

12. Notices. All notices, requests, demands and other communications shall be in writing and are effective three (3) days after deposit in the U.S. mail, certified and postage paid, or upon receipt if personally delivered or sent by next-business-day delivery via a nationally recognized overnight courier to the addresses set forth below. Landlord or Tenant may from time to time designate any other address for this purpose by providing written notice to the other party.

If to Tenant, to:
T-Mobile USA, Inc,
12920 SE 38th Street
Bellevue, WA 98006
Attn: PCS Lease Administrator

With a copy to:
Attn: Legal Dept.

And with a copy to:
T-Mobile Northeast LLC
4 Sylvan Way
Parsippany, NJ 07054
Attn: Lease Administration Manager

With a copy to:
Attn: Legal Dept.

If to Landlord, to:
Town of Trumbull
5866 Main Street
Trumbull, CT 06611
Attention: First Selectman

And with a copy to:
Town of Trumbull
158 Edison Road
Trumbull, CT 06611
Attention: Chief of Police

Send Rent payments to:
Town of Trumbull
5866 Main Street
Trumbull, CT 06611
Attention: Director of Finance

13. Quiet Enjoyment, Title and Authority. As of the Effective Date and at all times during the Initial Term and any Renewal Terms of this Lease, Landlord covenants and warrants to Tenant that (i) Landlord has full right, power and authority to execute and perform this Lease; (ii) Landlord has good and unencumbered fee title to the Property free and clear of any liens or mortgages, except those heretofore disclosed in writing to Tenant and which will not interfere with Tenant's rights to or use of the Premises; (iii) execution and performance of this Lease will not violate any laws, ordinances, covenants, or the provisions of any mortgage, lease, or other agreement binding on Landlord; and (iv) Tenant's quiet enjoyment of the Premises or any part thereof shall not be disturbed as long as Tenant is not in default beyond any applicable grace or cure period.

14. Environmental Laws. Landlord represents that it has no knowledge of any substance, chemical or waste (collectively, "Hazardous Substance") on the Property that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. Landlord and Tenant shall not introduce or use any Hazardous Substance on the Property in violation of any applicable law. Landlord shall be responsible for, and shall promptly conduct any investigation and remediation as required by any applicable environmental laws, all spills or other releases of any Hazardous Substance not caused solely by Tenant, that have occurred or which may occur on the Property. Each party agrees to defend, indemnify and hold harmless the other from and against any and all administrative and judicial actions and rulings, claims, causes of action, demands and liability (collectively, "Claims") including, but not limited to, damages, costs, expenses, assessments, penalties, fines, losses, judgments and reasonable attorney fees that the indemnitee may suffer or incur due to the existence of any Hazardous Substances on the Property or the migration of any Hazardous Substance to other properties or the release of any Hazardous Substance into the environment (collectively, "Actions"), that relate to or arise from the indemnitor's activities on the Property. Landlord agrees to defend, indemnify and hold Tenant harmless from Claims resulting from Actions on the Property not caused by Landlord or Tenant prior to and during the Initial Term and any Renewal Term. The indemnifications in this section specifically include, without limitation, costs incurred in connection with any investigation of site conditions or any cleanup, remedial, removal or restoration work required by any governmental authority. This Section 14 shall survive the termination or expiration of this Lease.

15. Assignment and Subleasing. Tenant shall have the right to assign or otherwise transfer this Lease and the Easements (as defined above). to any person or business entity which: (i) is FCC licensed to operate a wireless communications business; (ii) is a parent, subsidiary or affiliate of Tenant or Tenant's parent; (iii) is merged or consolidated with Tenant; (iv) acquires more than [redacted] of either an ownership interest in Tenant or the assets of Tenant in the "Metropolitan Trading Area" or "Basic Trading Area" (as those terms are defined by the FCC) in which the Property is located; and/or (v) any entity or company whose primary business function is the management or operation of wireless communications real estate or leases. Upon such assignment, Tenant shall be relieved of all liabilities and obligations hereunder and Landlord shall look solely to the assignee for performance under this Lease and all obligations hereunder. Tenant may otherwise assign this Lease upon written approval of Landlord, which approval shall not be unreasonably delayed, withheld, conditioned or denied.

Upon written notice to Landlord, Tenant may sublease the Premises to subsequent third-party users ("Subsequent User"). Upon the execution of any sublease, Landlord shall be entitled to receive an amount equal to [redacted] of the Subsequent User's monthly rent as additional rent from Tenant until the expiration or earlier termination of the sublease.

TMN LLC

Landlord shall have the right to assign or otherwise transfer this Lease and the Easements granted herein, upon written notice to Tenant except for the following; any assignment or transfer of this Lease which is separate and distinct from a transfer of Landlord's entire right, title and interest in the Property, shall require the prior written consent of Tenant which may be withheld in Tenant's sole discretion. Upon Tenant's receipt of (i) an executed deed or assignment and (ii) an IRS Form W-9 from assignee, and subject to Tenant's consent, if required, Landlord shall be relieved of all liabilities and obligations hereunder and Tenant shall look solely to the assignee for performance under this Lease and all obligations hereunder.

Additionally, notwithstanding anything to the contrary above, Landlord or Tenant may, upon notice to the other, grant a security interest in this Lease (and as regards the Tenant, in the Antenna Facilities), and may collaterally assign this Lease (and as regards the Tenant, in the Antenna Facilities) to any mortgagees or holders of security interests, including their successors or assigns (collectively "Secured Parties"). In such event, Landlord or Tenant, as the case may be, shall execute such consent to leasehold financing as may reasonably be required by Secured Parties.

16. Successors and Assigns. This Lease and the Easements granted herein shall run with the land, and shall be binding upon and inure to the benefit of the parties, their respective successors, personal representatives and assigns.

17. Waiver of Landlord's Lien. Landlord hereby waives any and all lien rights it may have, statutory or otherwise, concerning the Antenna Facilities or any portion thereof, which shall be deemed personal property for the purposes of this Lease, whether or not the same is deemed real or personal property under applicable laws, and Landlord gives Tenant and Secured Parties the right to remove all or any portion of the same from time to time, whether before or after a default under this Lease, in Tenant's and/or Secured Party's sole discretion and without Landlord's consent.

18. Tower Marking and Lighting Requirements.

The following definitions will apply for the purposes of Section 6, Section 18 and Section 19. "Public Safety Communications Equipment" means those certain police, fire and emergency medical service communications systems installed by the Tenant at the direction of the Landlord pursuant to Section 5. "Combined Use Facility" means and includes the Antenna Facilities and the Public Safety Communications Equipment. By way of illustration and without limiting the meaning of the preceding definitions, the Combined Use Facility will include both the police, fire and EMS antennae used by Landlord and located at the top of the tower and the commercial carrier antennae located at various intervals below.

Tenant acknowledges that it, and not Landlord, shall be responsible for compliance with all tower marking and lighting requirements of the Federal Aviation Administration ("FAA") and the FCC directly attributable to the Combined Use Facility. Tenant shall indemnify and hold Landlord harmless from any fines or other liabilities caused by Tenant's failure to comply with such requirements. If Landlord is cited by either the FCC or FAA because the Combined Use Facility is not in compliance and if Tenant fails to cure the conditions of noncompliance within the time frame allowed by the citing agency, Landlord may cure the conditions of noncompliance at Tenant's sole expense, which amounts, together with all Landlord's directly related out-of-pocket expenses including its reasonable attorneys fees, shall be paid by Tenant within thirty (30) days after written demand therefore and shall become an additional obligation of Tenant under this Lease. The provisions of this Section 18 shall apply to any modification of the Premises made by the Tenant during the initial or any Renewal Term of this Lease.

19. Human Exposure to RF Emissions.

Tenant represents and warrants that Tenant will comply with any and all rules, regulations and policies of the FCC and the Connecticut Siting Council governing human exposure to radio-frequency ("RF") emissions and that, at no time, during the operation of the Antenna Facilities, will the RF emissions exceed FCC standards. Tenant shall have the right to cure any default under this provision in the time periods set forth in Paragraph 9, or within such time period as may be extended pursuant to an order of a court of competent jurisdiction. Tenant shall not commence the construction, installation or erection of a communications tower on the Premises unless and until Tenant has satisfied the requirements of this Section 19.

20. Miscellaneous.

(a) The prevailing party in any litigation arising hereunder shall be entitled to reimbursement from the other party of its reasonable attorneys' fees and court costs, including appeals, if any.

(b) This Lease constitutes the entire agreement and understanding of the parties, and supersedes all offers, negotiations and other agreements with respect to the subject matter and property covered by this Lease. Any amendments to this Lease must be in writing and executed by both parties.

(c) Landlord agrees to cooperate with Tenant in executing any documents necessary to protect Tenant's rights in or use of the Premises. A Memorandum of Lease in substantially the form attached hereto as Exhibit D may be recorded in place of this Lease by Tenant.

(d) In the event the Property is encumbered by a mortgage or deed of trust, Landlord agrees, upon request of Tenant, to obtain and furnish to Tenant a non-disturbance and attornment agreement for each such mortgage or deed of trust, in a form reasonably acceptable to Tenant.

(e) Tenant may obtain title insurance on its interest in the Premises. Landlord agrees to execute such documents as the title company may require in connection therewith.

(f) This Lease shall be construed in accordance with the laws of the state in which the Property is located, without regard to the conflicts of law principles of such state.

(g) If any term of this Lease is found to be void or invalid, the remaining terms of this Lease shall continue in full force and effect. Any questions of particular interpretation shall not be interpreted against the drafter, but rather in accordance with the fair meaning thereof. No provision of this Lease will be deemed waived by either party unless expressly waived in writing by the waiving party. No waiver shall be implied by delay or any other act or omission of either party. No waiver by either party of any provision of this Lease shall be deemed a waiver of such provision with respect to any subsequent matter relating to such provision.

(h) The persons who have executed this Lease represent and warrant that they are duly authorized to execute this Lease in their individual or representative capacities as indicated.

(i) This Lease may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute a single instrument.

(j) All Exhibits referred to herein and any Addenda are incorporated herein for all purposes. The parties understand and acknowledge that Exhibits A and B may be attached to this Lease and the Memorandum of Lease, in preliminary form. Accordingly, the parties agree that upon the preparation of final, more complete exhibits, Exhibits A and/or B, as the case may be, may be replaced by Tenant with such final, more complete exhibit(s).

(k) If either party is represented by any broker or any other leasing agent, such party is responsible for all commission fee or other payment to such agent, and agrees to indemnify and hold the other party harmless from all claims by such broker or anyone claiming through such broker.

The effective date of this Lease is the date of execution by the last party to sign (the "Effective Date").

LANDLORD: Town of Trumbull

By: _____

Printed Name: Raymond C. Baldwin, Jr.

Title: First Selectman

Date: October 30, 2009

TENANT: T-Mobile Northeast LLC

By: _____

Printed Name: _____ Chris Fitzgerald

Title: _____ VP, NE Region

Date: _____ Engineering & Operations

T-Mobile Legal Approval

EXHIBIT A
Legal Description

The Property is legally described as follows:

ALL THAT CERTAIN piece or parcel of land, together with the buildings and improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, bounded and described as follows, to wit:

NORTHERLY:	on highway, called Depot Road, two hundred fifty (250) feet; by a new street line shown on hereinafter referenced map;
EASTERLY:	on land now or formerly of Francis E. Beach, four hundred (400) feet;
SOUTHERLY:	on land now or formerly of Francis E. Beach, two hundred fifty (250) feet;
WESTERLY:	on land now or formerly of Francis E. Beach, two hundred fifty (250) feet.

Being shown as Parcel "A" on a certain map entitled, "Map of Property in Trumbull, Connecticut, for Francis E. Beach", dated March 13, 1929, made by A.D. Fuller, Civil Engineer, and recorded in the Town Clerk's Office in said Town of Trumbull as Map No. 121, to which reference may be had for a more particular description of said premises.

EXHIBIT B

The location of the Premises within the Property (together with access and utilities) is more particularly described and depicted as follows:

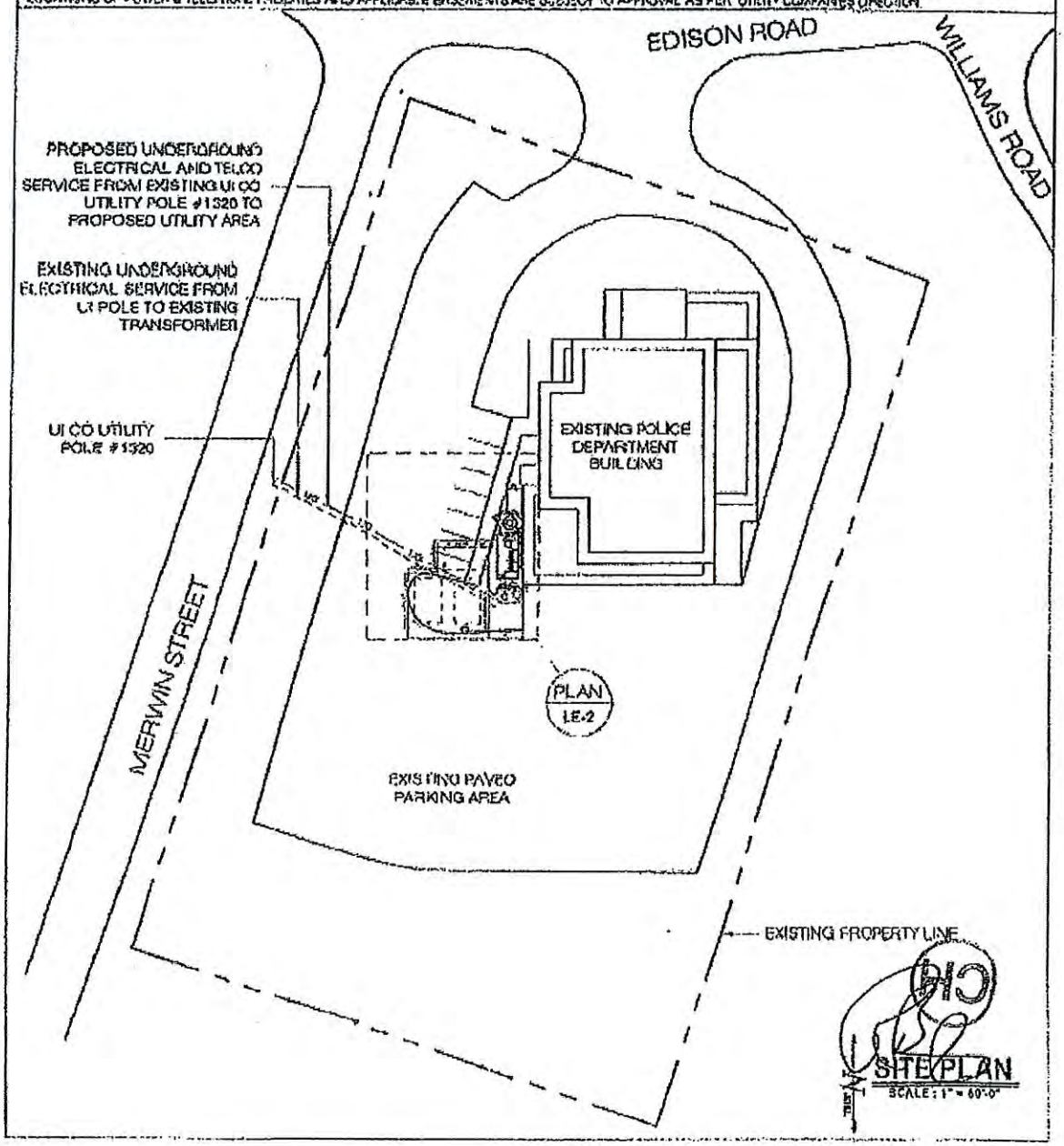
SEE ATTACHED.

TMN LLC

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT, 06419
PHONE: (860) 663-1697
FAX: (860) 663-0935
www.allpointstech.com

APT FILING NUMBER: CT-255T-460		T-Mobile	T-MOBILE SITE NUMBER: CTFF481
LE-1			
SCALE: AS NOTED	DRAWN BY: AAJ	35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
DATE: 04/01/09	CHECKED BY: SMO		

NOTE:
PER FCC MANDATE, ENHANCED EMERGENCY (911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. OMNIPOINT COMMUNICATIONS INC. IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO T1 & BTS RADIO CABINETS. OMNIPOINT COMMUNICATIONS INC. RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.
ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY OMNIPOINT COMMUNICATIONS, STRUCTURAL & RF ENGINEERS
LOCATIONS OF POWER & TELEPHONE FACILITIES AND APPLICABLE EASEMENTS ARE SUBJECT TO APPROVAL AS PER UTILITY COMPANIES DIRECTION



ALL-POINTS TECHNOLOGY CORPORATION, P.C. 3 SADDLEBROOK DRIVE KILLINGWORTH, CT, 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	APT FILING NUMBER: CT-255T-460	T-Mobile	T-MOBILE SITE NUMBER: CTFF481
	LE-2	35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 156 EDISON ROAD TRUMBULL, CT 06611-4139
	SCALE: AS NOTED / DRAWN BY: AAJ		
	DATE: 04/01/09 / CHECKED BY: SMC		

NOTE:
PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. OMNIPOINT COMMUNICATIONS INC. IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. OMNIPOINT COMMUNICATIONS INC. RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.
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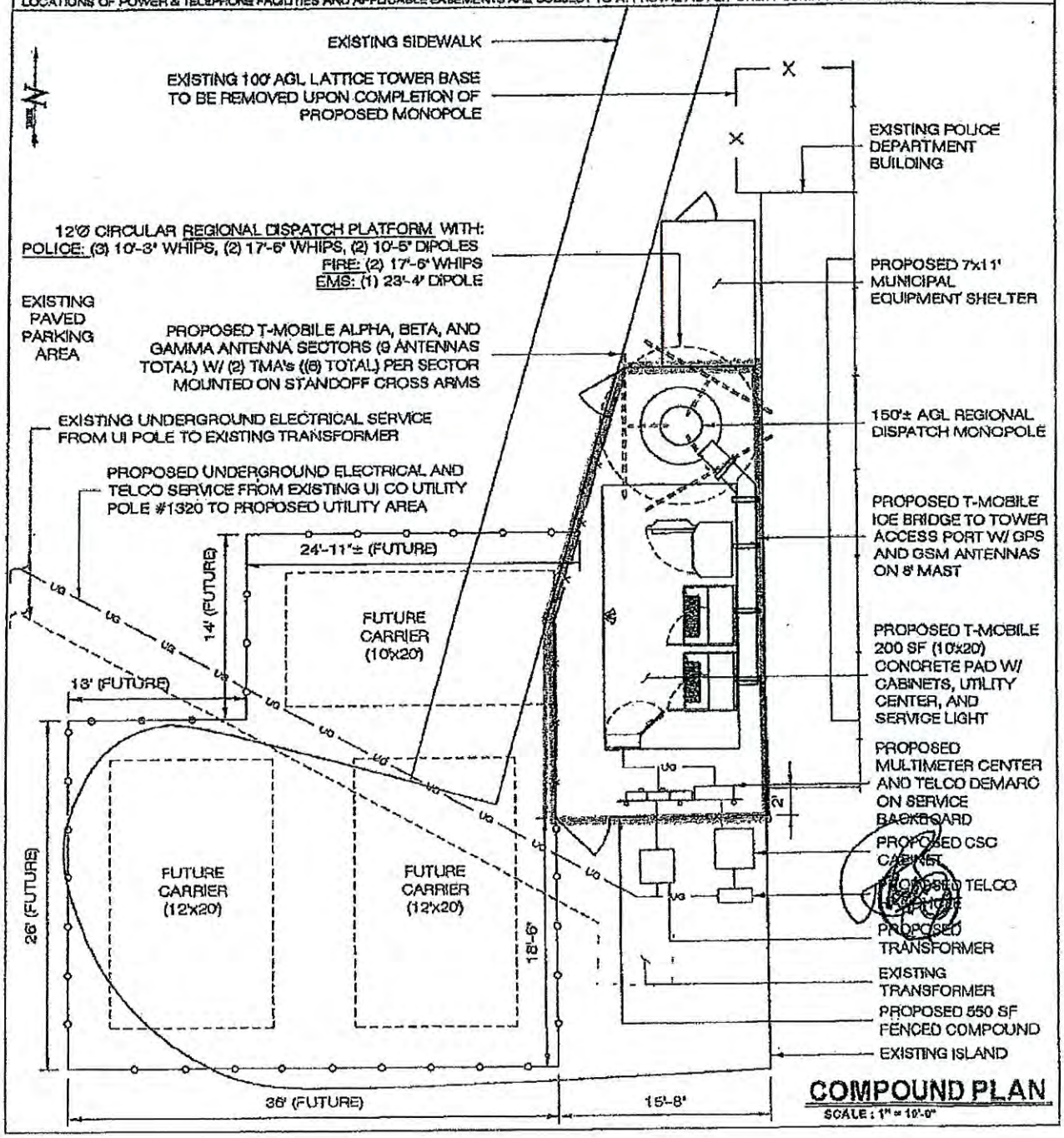

ALL-POINTS TECHNOLOGY CORPORATION, P.C.	APT FILING NUMBER: CT-255T-460	T-Mobile	T-MOBILE SITE NUMBER: CTFF481
3 SADDLEBROOK DRIVE KILLINGWORTH, CT. 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	LE-3	35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
	SCALE: AS NOTED / DRAWN BY: AAJ		
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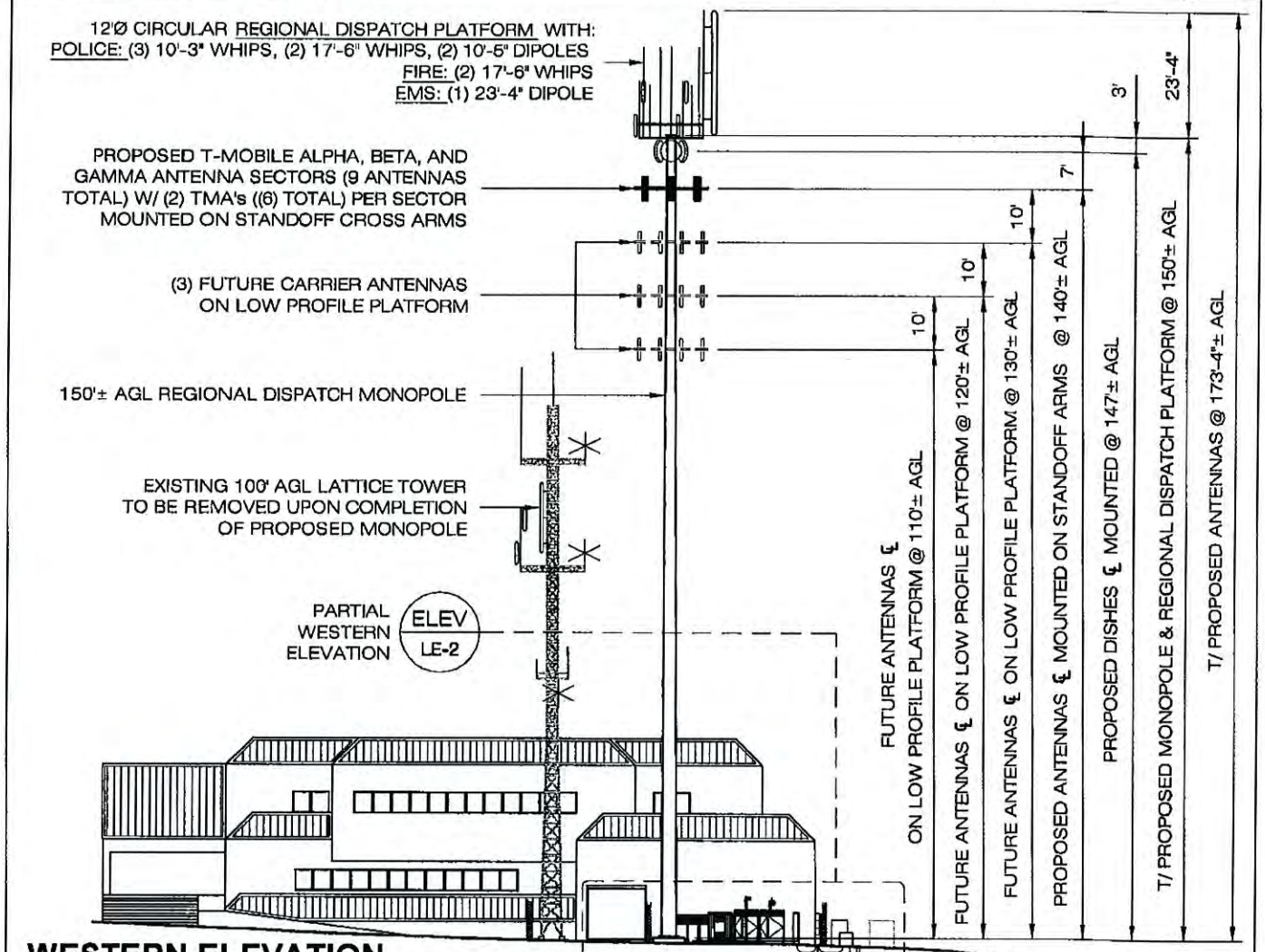
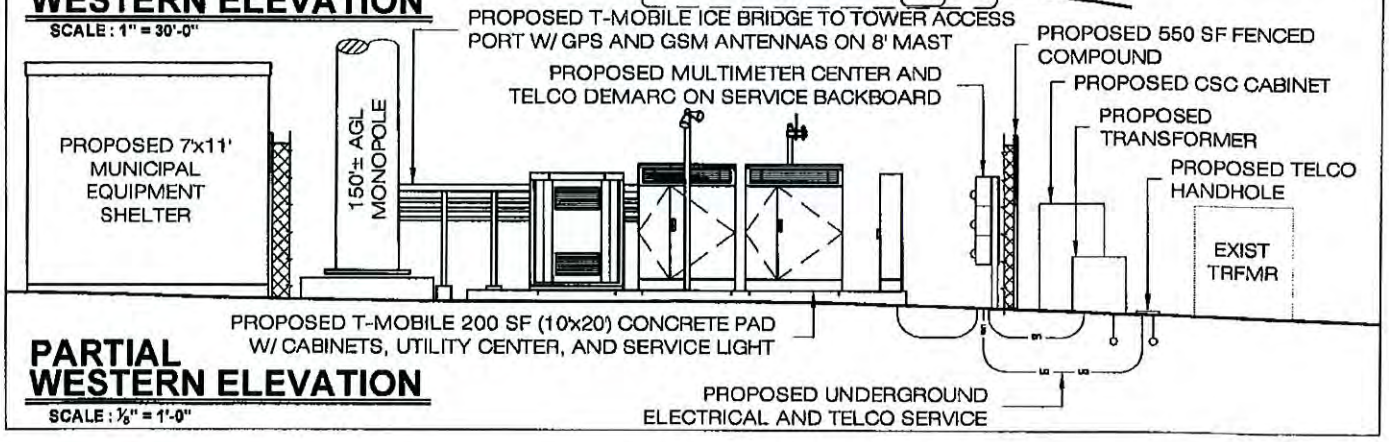


WESTERN ELEVATION
SCALE: 1" = 30'-0"



PARTIAL WESTERN ELEVATION
SCALE: ⅛" = 1'-0"

EXHIBIT C

A list of Landlord's public safety and commercial use frequencies and both the lower and upper adjacent channels.

Frequency	License	Type	Tone	Alpha Tag	Description	Mode	Tag
33.66000	KCD806	BM	CSQ	Trmbl FD	Fire	FM	Fire Dispatch
33.76000		BM	CSQ	Trmbl FD 2	Fire Ch. 2	FM	Fire-Tac
33.86000	KCC996	BM	CSQ	Trmbl FD 3	Fire Ch. 3	FM	Fire-Tac
153.80500	KIB545	BM	114.8 PL	Trmbl EMS	EMS	FM	EMS Dispatch
857.26250	812.26250	RM	606 DPL	Trmbl PD	Police	FM	Law Dispatch
853.98750	WPLX717	M	025 DPL	Trmbl PD 3	Police Ch 3	FM	Law Tac
39.46	39.46	B	110.9 PL	CSP Hot Line	CSP Hot Line	FM	Law Dispatch
45.84000	WQAI394	BM	146.2 PL	Trmbl Highway	Highway Department	FM	Public Works
154.05500	KNDT240	BM	173.8 PL	Trmbl Svcs	Services	FM	Public Works

Frequency	Input	License	Type	Tone	Alpha Tag	Description	Mode	Tag
154.10000	158.92500	WDM708	RM	179.9 PL		Countywide Police Hotline - Upper County	FM	Law Tac
154.10000	158.92500	WDM708	RM	151.4 PL		Countywide Police Hotline - Lower County	FM	Law Tac

Frequency	Input	License	Type	Tone	Alpha Tag	Description	Mode	Tag
866.01250	821.01250		RM	156.7 PL	CALL R	Interagency Calling	FM	Interop
866.01250	866.01250		M	156.7 PL	CALL S	Interagency Calling	FM	Interop
866.51250	821.51250		RM	156.7 PL	ITAC 1	Interagency Tactical 1	FM	Interop
866.51250	866.51250		M	156.7 PL	ITAC 1S	Interagency Tactical 1	FM	Interop
867.01250	822.01250		RM	156.7 PL	ITAC 2	Interagency Tactical 2	FM	Interop
867.01250	867.01250		M	156.7 PL	ITAC 2S	Interagency Tactical 2	FM	Interop
867.51250	822.51250		RM	156.7 PL	ITAC 3	Interagency Tactical 3	FM	Interop
867.51250	867.51250		M	156.7 PL	ITAC 3S	Interagency Tactical 3	FM	Interop
868.01250	823.01250		RM	156.7 PL	ITAC4	Interagency Tactical 3	FM	Interop
868.01250	868.01250		M	156.7 PL	ITAC 4S	Interagency Tactical 4	FM	Interop
858.26250	813.26625		M	156.7 PL	C-SPERN	State Police Emergency Radio Network	FM	Emergency

TMN LLC

EXHIBIT D

Memorandum of Lease

MEMORANDUM OF LEASE
Assessor's Parcel Number: Map E10, Block 304
Between Town of Trumbull ("Landlord") and T-Mobile Northeast LLC ("Tenant")

NAME AND ADDRESS OF LANDLORD: Town of Trumbull
5866 Main Street
Trumbull, CT 06611

NAME AND ADDRESS OF TENANT: T-Mobile Northeast LLC
4 Sylvan Way
Parsippany, NJ 07054
Attn: Lease Administration Manager

LEASE DATE OF EXECTUION: _____

SITE LEASE WITH OPTION: A Site Lease with Option (the "Lease") by and between Town of Trumbull, a municipal corporation,("Landlord") and T-Mobile Northeast LLC, a Delaware corporation ("Tenant") was made regarding a portion of the property described below (the "Leased Premises").

DESCRIPTION OF LEASED PREMSIES: The Leased Premises consists of a portion of the property (the "Property") known by the street address158 Edison Road, Town of Trumbull, County of Fairfield, State of Connecticut, which is sufficient for the placement of Antenna Facilities together with easements for access and utilities. A metes and bounds description of the Property is incorporated herein as Exhibit "A."

TERM OF THE LEASE: The term of the Lease is for five (5) years, commencing on the date of the exercise of the Option (the "Commencement Date") and expiring on midnight on the last day of the Initial or Renewal Term (the "Expiration Date").

OPTION TO EXTEND: Tenant has an option to extend the term of the Lease for four (4) successive periods of five (5) years each. This Lease shall automatically renew for each successive Renewal Term, unless Tenant notifies Landlord, in writing, of Tenant's intention not to renew this Lease, at least thirty (30) days prior to the expiration of the Initial Term or any Renewal Term.

TERMS OF THE LEASE GOVERN: The rights, obligations and remedies of Landlord and Tenant, respectively, with reference to each other and the Leased Premises shall be fixed, determined and governed solely by the terms of the Lease, this being a Memorandum of Lease executed by the parties hereto for the purpose of providing an instrument in lieu of recording the Lease.

The parties hereto have executed and delivered this Memorandum of Lease for the purpose of giving notice of the Lease to whomever it may concern. Fro a statement of the rights, privileges and obligations created under the Lease and of the options, terms, covenants and conditions contained therein, reference should be made to the Lease.

IN WITNESS WHEREOF, the parties hereto have respectively executed this memorandum effective as of the date of the last party to sign.

LANDLORD: Town of Trumbull

By: _____
Printed Name: _____
Title: _____
Date: _____

TENANT: T-Mobile Northeast LLC

By: _____
Printed Name: Mark Appel
Title: Area Director
Date: _____

TMN LLC

STATE OF CONNECTICUT)
) ss.
COUNTY OF _____)

On the _____ day of _____ in the year _____ before me, the undersigned, personally appeared _____ Personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to be within instrument and acknowledged to me that he/she/they executed the same in his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Dated: _____

_____
Notary Public
Print Name _____
My commission expires _____

(Use this space for notary stamp/seal)

[Notary block for Tenant]

STATE OF MASSACHUSETTS)
) ss.
COUNTY OF BRISTOL)

I certify that I know or have satisfactory evidence that MARK APPEL is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the AREA DIRECTOR of T-MOBILE NORTHEAST LLC, a Delaware limited liability company, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated: _____

_____
Notary Public
Print Name _____
My commission expires _____

(Use this space for notary stamp/seal)

Memorandum of Lease Exhibit A
Legal Description

The Property is legally described as follows:

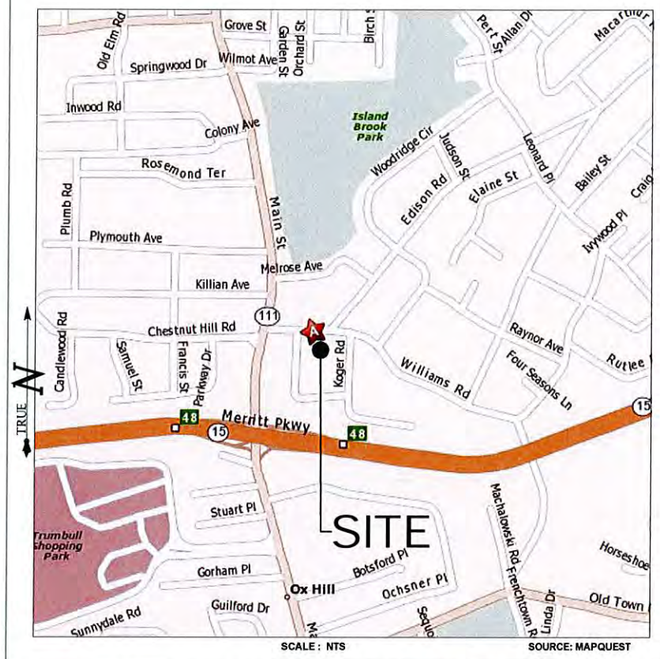
ALL THAT CERTAIN piece or parcel of land, together with the buildings and improvements thereon, situated in the Town of Trumbull, County of Fairfield, and State of Connecticut, bounded and described as follows, to wit:

NORTHERLY:	on highway, called Depot Road, two hundred fifty (250) feet; by a new street line shown on hereinafter referenced map;
EASTERLY:	on land now or formerly of Francis E. Beach, four hundred (400) feet;
SOUTHERLY:	on land now or formerly of Francis E. Beach, two hundred fifty (250) feet;
WESTERLY:	on land now or formerly of Francis E. Beach, two hundred fifty (250) feet.

Being shown as Parcel "A" on a certain map entitled, "Map of Property in Trumbull, Connecticut, for Francis E. Beach", dated March 13, 1929, made by A.D. Fuller, Civil Engineer, and recorded in the Town Clerk's Office in said Town of Trumbull as Map No. 121, to which reference may be had for a more particular description of said premises.

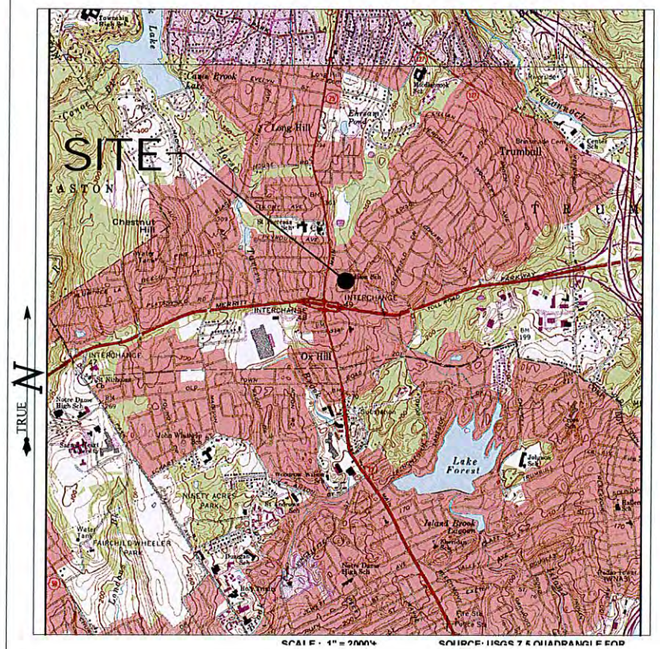
EXHIBIT C

LOCATION MAP



SCALE : NTS SOURCE: MAPQUEST

USGS TOPOGRAPHIC MAP



SCALE : 1" = 2000' SOURCE: USGS 7.5 QUADRANGLE FOR

T-Mobile

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002

OFFICE: (860)-692-7100
FAX: (860)-692-7159

DRAWING INDEX

T-1 TITLE SHEET & INDEX

A-1 ABUTTERS MAP

SP-1 SITE PLAN

SP-2 COMPOUND PLAN AND TOWER ELEVATION

AE-1 AERIAL MAP

*SITE INFORMATION:

-SITE NAME:	POLICE STA. EDISON RD	-ZONE:	RESIDENCE ZONE A
-SITE ID NUMBER:	CTFF481	-LATITUDE:	41° 14' 03.67" N
-SITE ADDRESS:	158 EDISON ROAD TRUMBULL, CT 06611	-LONGITUDE:	73° 13' 07.54" W
		-ELEVATION:	322'± AMSL
		-FEMA/FIRM DESIGNATION:	ZONE 'X'
-MAP:	E10	-ACREAGE:	2.30 Ac
-BLOCK:	304		
-LOT:	000		

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT. 06419
PHONE: (860)-663-1697
FAX: (860)-663-0935
www.allpointstech.com

CONTACT PERSONNEL

APPLICANT:
T-MOBILE NORTHEAST, LLC
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002

LANDLORD
TOWN OF TRUMBULL
5866 MAIN STREET
TRUMBULL, CT 06611

T-MOBILE PROJECT MANAGER:

PAUL SAENZ (914) 447-3581

T-MOBILE PROJECT ATTORNEY:

JULIE D. KOHLER, ESQ.
COHEN AND WOLF, P.C.
1115 BROAD STREET
BRIDGEPORT, CT 06604
203-368-0211

POWER PROVIDER:

UI: (800) 722-5584
UTILITY CONSULT PENDING

TELCO PROVIDER:

AT&T: (800)-727-8368

CALL BEFORE YOU DIG:

(800) 922-4455

GOVERNING CODES:

2005 CONNECTICUT BUILDING CODE (2003 IBC BASIS)
NATIONAL ELECTRIC CODE
EIA/TIA 222F

SITE INFORMATION

CTFF481

POLICE STA. EDISON RD
158 EDISON ROAD
TRUMBULL. CT 06611

PERMITTING DOCUMENTS POLICE STA. EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611	TITLE SHEET AND INDEX
DESIGN TYPE: RAW LAND	APT FILING NUMBER: CT-255T-460 APT DRAWING NUMBER: CTFF481 T-1.DWG DRAWN BY: RCB / SCALE: AS NOTED CHECKED BY: SMC / DATE: 11/25/09
REVISIONS: REV.0: 11/25/09: FOR REVIEW: SMC REV.1: 12/16/09: FOR TECH REPORT: SMC REV.2: 05/12/10: FOR TECH REPORT: SMC REV.3: 01/07/11: FOR CSC: SMC REV.4: 06/16/11: UPDATE ABUTTERS & TWR: SMC	SHEET NUMBER: T-1

STATE OF CONNECTICUT — SCOTT M. CHASE — No.19722 — LICENSED PROFESSIONAL ENGINEER

MAP ID: E10-340
33 MERWIN STREET
LAND NOW OR FORMERLY OF
CARLOS RIVERA, ELENA D. RIVERA, &
CARLOS R. RIVERA, Jr.
33 MERWIN STREET
TRUMBULL, CT 06611

MAP ID: E10-341
35 MERWIN STREET
LAND NOW OR FORMERLY OF
ALFREDO SERRANO & CARMEN SERRANO
35 MERWIN STREET
TRUMBULL, CT 06611

MAP ID: E10-342
65 MERWIN STREET
LAND NOW OR FORMERLY OF
MICHAEL K. OBEID & ALISS OBEID
65 MERWIN STREET
TRUMBULL, CT 06611

MAP ID: E10-303
142 EDISON ROAD
LAND NOW OR FORMERLY OF
MICHAEL A. GUARNA & ROSA GUARNA
142 EDISON ROAD TRUMBULL, CT 06611
WELLS FARGO BANK (C/O HUNT LEIBERT JACOBSON, P.C)
50 WESTON ST
HARTFORD, CT 06120

MAP ID: E10-301
147 EDISON ROAD
LAND NOW OR FORMERLY OF
ABRAHAM M. HOFFMANN & JAYNE I. HOFFMANN
147 EDISON ROAD
TRUMBULL, CT 06611

BASE MAPPING FROM:

1. "BOUNDARY AND PARTIAL TOPOGRAPHIC SURVEY, PROPERTY SITUATE 158 EDISON ROAD, TRUMBULL, CONNECTICUT" PREPARED BY BARRETT BONACCI & VAN WEELE, INC. OF BRANFORD, CONNECTICUT DATED NOVEMBER 9, 2009.

2. TOWN OF TRUMBULL ASSESSMENT MAPPING

3. DIGITAL GLOBAL 2010 DIGITAL ORTHOPHOGRAPHS.

MERWIN STREET

MAP ID: E10-300
153 EDISON ROAD
LAND NOW OR FORMERLY OF
JOHN C. KEKLIK & JUDITH KEKLIK
153 EDISON ROAD
TRUMBULL, CT 06611

400.00'

UG

PROPERTY LINE (TYP)

MAP ID: E10-333
20 MERWIN STREET
LAND NOW OR FORMERLY OF
MICHAEL W. GILLERN &
LOIS C. GILLERN
20 MERWIN STREET
TRUMBULL, CT 06611

PROPOSED T-MOBILE 490± SF
IRREGULARLY SHAPED FENCED
COMPOUND AREA WITH 150± AGL
MONOPOLE

EDISON ROAD

MAP ID: E10-299
159 EDISON ROAD
LAND NOW OR FORMERLY OF
HERBERT BENDOLPH &
DORETHA BENDOLPH
159 EDISON ROAD
TRUMBULL, CT 06611

260.00'

MAP ID: E10-332
16 MERWIN STREET
LAND NOW OR FORMERLY OF
ELIZABETH M. CRAINICH
& ROBERT J. CRAINICH &
JASON J. CRAINICH
16 MERWIN STREET
TRUMBULL, CT 06611

EXISTING POLICE
DEPARTMENT
BUILDING

SUBJECT SITE
MAP ID: E10-304
158 EDISON ROAD
LAND NOW OR FORMERLY OF
TOWN OF TRUMBULL
5866 MAIN STREET
TRUMBULL, CT 06611
2.30 ACRES

EXISTING PAVED
PARKING AREA

MAP ID: E10-NO LOT #
UNKNOWN ADDRESS
LAND NOW OR FORMERLY OF
STATE OF CONNECTICUT
2800 BERLIN TURNPIKE
NEWINGTON, CT 06111

MAP ID: E10-298
171 EDISON ROAD
LAND NOW OR FORMERLY OF
JOE E. BEAN & ROSE M. BEAN
171 EDISON ROAD
TRUMBULL, CT 06611

MAP ID: E10-NO LOT #
UNKNOWN ADDRESS
LAND NOW OR FORMERLY OF
TOWN OF TRUMBULL
5866 MAIN ST
TRUMBULL, CT 06611

400.00'

WILLIAMS ROAD

MAP ID: E10-297
183 EDISON ROAD
LAND NOW OR FORMERLY OF
FRANK J. MACPHAIL & KRISTINA L. VALDEGAS
N.K.A. KRISTINA MACPHAIL
183 EDISON ROAD
TRUMBULL, CT 06611

MAP ID: E10-331
12 MERWIN STREET
LAND NOW OR FORMERLY OF
SUSAN M. TIERNEY
12 MERWIN STREET
TRUMBULL, CT 06611

MAP ID: E10-325
14 KOGER ROAD
LAND NOW OR FORMERLY OF
MARIUSZ P. MIERZEJEWSKI &
TERESA MIERZEJEWSKI
(AKA TERESA MIERZEJEWSKA)
14 KOGER ROAD
TRUMBULL, CT 06611

MAP ID: E10-326
10 KOGER ROAD
LAND NOW OR FORMERLY OF
KATHLEEN J. THOPSEY
10 KOGER ROAD
TRUMBULL, CT 06611

MAP ID: E10-327
8 KOGER ROAD
LAND NOW OR FORMERLY OF
TAMMY McGEE & KEVIN McGEE
8 KOGER ROAD
TRUMBULL, CT 06611

MAP ID: E10-328
6 KOGER ROAD
LAND NOW OR FORMERLY OF
JOANNE M. DAVIES
6 KOGER ROAD
TRUMBULL, CT 06611

MAP ID: E10-329
2 KOGER ROAD
LAND NOW OR FORMERLY OF
RICHARD CAMMARANO
2 KOGER ROAD
TRUMBULL, CT 06611

MAP ID: E10-305
180 EDISON ROAD
LAND NOW OR FORMERLY OF
JOSE GONZALES-CARDENTEY
(AKA JOSE GONZALES & JOSE
CARDENTEY) & XIMENA
GONZALES-CARDENTEY (AKA
XIMENA GONZALES & XIMENA
CARDENTEY)
180 EDISON ROAD
TRUMBULL, CT 06611

MAP ID: E10-324
18 KOGER ROAD
LAND NOW OR FORMERLY OF
CLAIRE G. VITOLA & JEAN A. ESPOSITO
ADDITIONAL MAILING:
C/O JEAN ESPOSITO
142 COTTAGE ST
TRUMBULL, CT 06611
ADDITIONAL MAILING:
C/O CLAIRE G. VITOLA
18 KOGER ROAD
TRUMBULL, CT 06611

KOGER ROAD

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

ABUTTERS MAP

SCALE: 1" = 30'

TRUE N

T-MOBILE SITE NUMBER:
CTFF481

APT FILING NUMBER:
CT-255T-460

T-Mobile
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002
OFFICE: (860)-692-7100

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
PHONE: (860)-663-1697
FAX: (860)-663-0935

PERMITTING DOCUMENTS

POLICE STA. EDISON RD
158 EDISON ROAD
TRUMBULL, CT 06611

DESIGN TYPE:

RAW LAND

REVISIONS:

REV.0: 11/25/09: FOR REVIEW: SMC
REV.1: 12/16/09: FOR TECH REPORT: SMC
REV.2: 05/12/10: FOR TECH REPORT: SMC
REV.3: 01/07/11: FOR CSC: SMC
REV.4: 06/16/11: UPDATE ABUTTERS & TWR: SMC

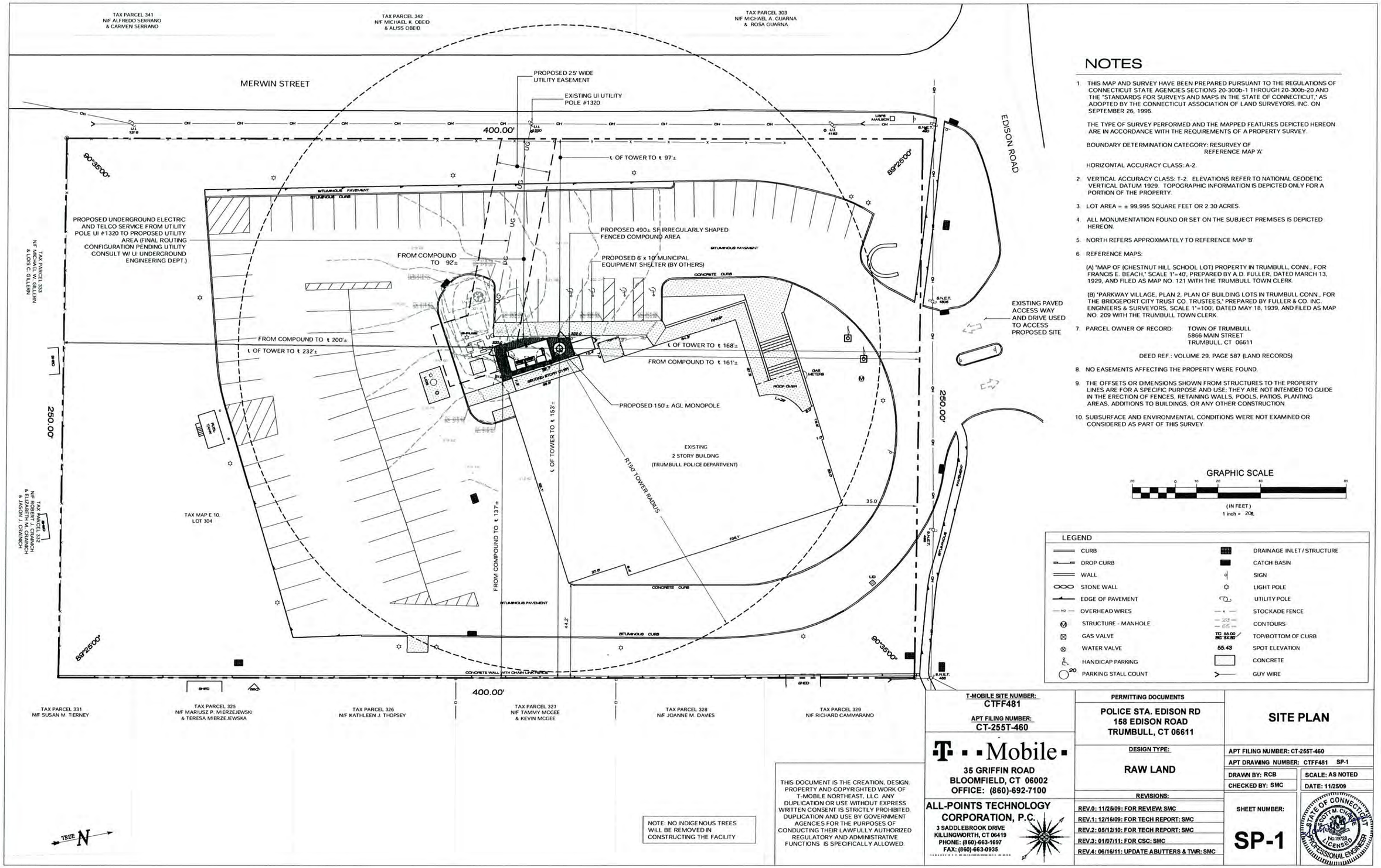
ABUTTERS MAP

APT FILING NUMBER: CT-255T-460
APT DRAWING NUMBER: CTFF481
DRAWN BY: RCB
SCALE: AS NOTED
CHECKED BY: SMC
DATE: 11/25/09

SHEET NUMBER:

A-1

STATE OF CONNECTICUT
SCOTT M. CHASE
No.19728
LICENSED
PROFESSIONAL ENGINEER



NOTES

1. THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT," AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

   THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A PROPERTY SURVEY.

   BOUNDARY DETERMINATION CATEGORY: RESURVEY OF REFERENCE MAP 'A'

   HORIZONTAL ACCURACY CLASS: A-2.

2. VERTICAL ACCURACY CLASS: T-2. ELEVATIONS REFER TO NATIONAL GEODETIC VERTICAL DATUM 1929. TOPOGRAPHIC INFORMATION IS DEPICTED ONLY FOR A PORTION OF THE PROPERTY.

3. LOT AREA = ± 99,995 SQUARE FEET OR 2.30 ACRES.

4. ALL MONUMENTATION FOUND OR SET ON THE SUBJECT PREMISES IS DEPICTED HEREON.

5. NORTH REFERS APPROXIMATELY TO REFERENCE MAP 'B'.

6. REFERENCE MAPS:

   (A) "MAP OF (CHESTNUT HILL SCHOOL LOT) PROPERTY IN TRUMBULL, CONN., FOR FRANCIS E. BEACH," SCALE 1"=40', PREPARED BY A.D. FULLER, DATED MARCH 13, 1929, AND FILED AS MAP NO. 121 WITH THE TRUMBULL TOWN CLERK.

   (B) "PARKWAY VILLAGE, PLAN 2, PLAN OF BUILDING LOTS IN TRUMBULL CONN., FOR THE BRIDGEPORT CITY TRUST CO. TRUSTEES," PREPARED BY FULLER & CO. INC. ENGINEERS & SURVEYORS, SCALE 1"=100', DATED MAY 18, 1939, AND FILED AS MAP NO. 209 WITH THE TRUMBULL TOWN CLERK.

7. PARCEL OWNER OF RECORD: TOWN OF TRUMBULL
   5866 MAIN STREET
   TRUMBULL, CT 06611

   DEED REF : VOLUME 29, PAGE 587 (LAND RECORDS)

8. NO EASEMENTS AFFECTING THE PROPERTY WERE FOUND.

9. THE OFFSETS OR DIMENSIONS SHOWN FROM STRUCTURES TO THE PROPERTY LINES ARE FOR A SPECIFIC PURPOSE AND USE; THEY ARE NOT INTENDED TO GUIDE IN THE ERECTION OF FENCES, RETAINING WALLS, POOLS, PATIOS, PLANTING AREAS, ADDITIONS TO BUILDINGS, OR ANY OTHER CONSTRUCTION.

10. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20ft.

LEGEND

CURB	DRAINAGE INLET / STRUCTURE
DROP CURB	CATCH BASIN
WALL	SIGN
STONE WALL	LIGHT POLE
EDGE OF PAVEMENT	UTILITY POLE
OVERHEAD WIRES	STOCKADE FENCE
STRUCTURE - MANHOLE	CONTOURS
GAS VALVE	TOP/BOTTOM OF CURB
WATER VALVE	SPOT ELEVATION
HANDICAP PARKING	CONCRETE
PARKING STALL COUNT	GUY WIRE

NOTE: NO INDIGENOUS TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY.

T-MOBILE SITE NUMBER: CTFF481

APT FILING NUMBER: CT-255T-460

T-Mobile
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002
OFFICE: (860)-692-7100

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
PHONE: (860)-663-1697
FAX: (860)-663-0935

PERMITTING DOCUMENTS

POLICE STA. EDISON RD
158 EDISON ROAD
TRUMBULL, CT 06611

DESIGN TYPE:

RAW LAND

REVISIONS:

REV.0: 11/25/09: FOR REVIEW: SMC
REV.1: 12/16/09: FOR TECH REPORT: SMC
REV.2: 05/12/10: FOR TECH REPORT: SMC
REV.3: 01/07/11: FOR CSC: SMC
REV.4: 06/16/11: UPDATE ABUTTERS & TWR: SMC

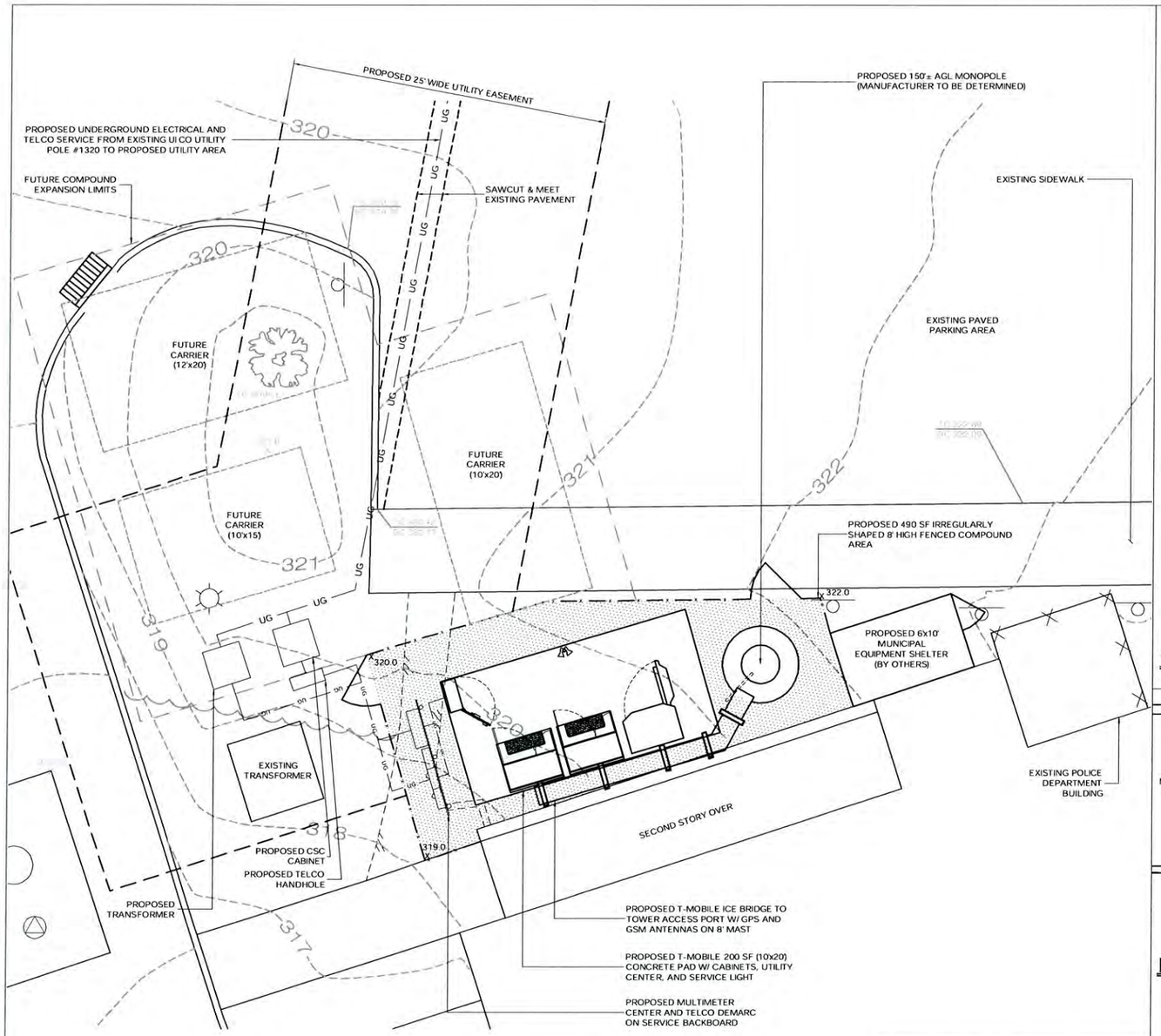
SITE PLAN

APT FILING NUMBER: CT-255T-460
APT DRAWING NUMBER: CTFF481 SP-1
DRAWN BY: RCB
SCALE: AS NOTED
CHECKED BY: SMC
DATE: 11/25/09

SHEET NUMBER:

SP-1

STATE OF CONNECTICUT
SCOTT M. CHAFFEE
No. 19728
LICENSED
PROFESSIONAL ENGINEER



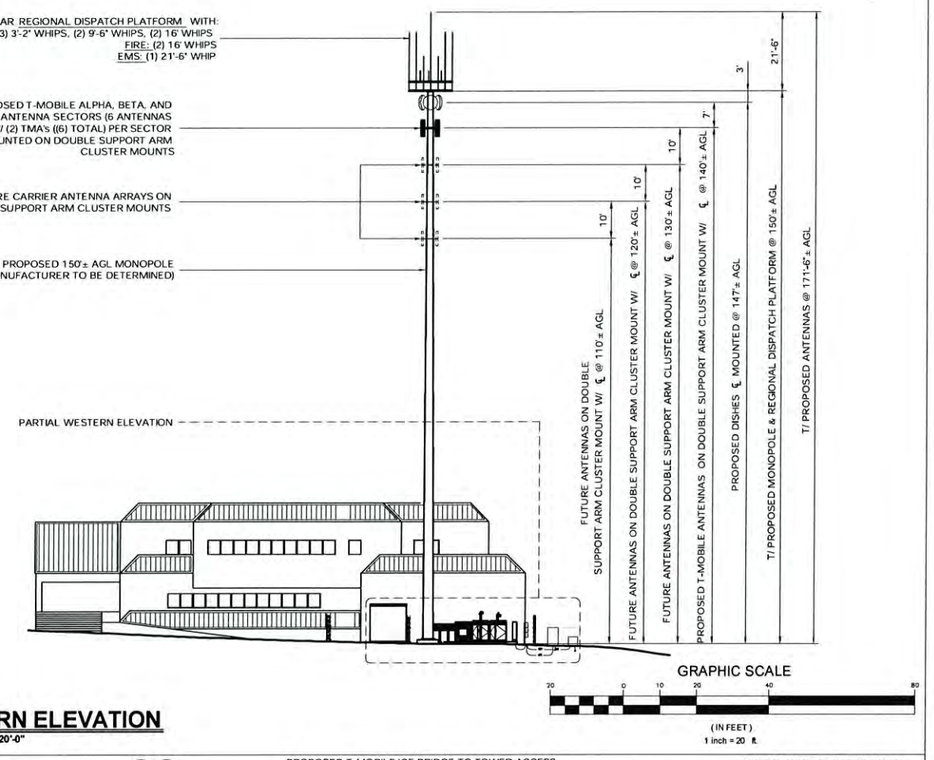
GRAPHIC SCALE

5 0 2.5 5 10 20

(IN FEET)
1 inch = 5 ft.

TRUE N

COMPOUND PLAN
SCALE : 1" = 5'-0"

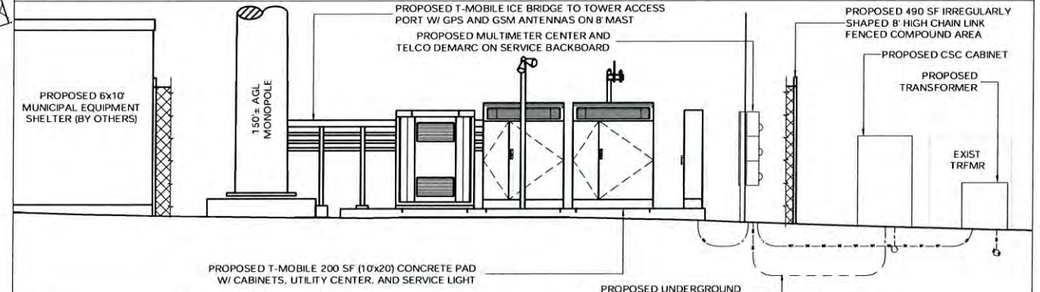


GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

WESTERN ELEVATION
SCALE : 1" = 20'-0"



GRAPHIC SCALE

4 0 2 4 8 16

(IN FEET)
1 inch = 4 ft.

PARTIAL WESTERN ELEVATION
SCALE : ¼" = 1'-0"

ENGINEERING ANALYSIS AND CERTIFICATION

IN ACCORDANCE WITH THE 2005 CONNECTICUT STATE BUILDING CODE AND THE ELECTRONIC INDUSTRIES ASSOCIATION STANDARD EIA/TIA-222-F "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORT STRUCTURES" FOR FAIRFIELD COUNTY, THE TOWER WOULD BE DESIGNED TO WITHSTAND PRESSURES EQUIVALENT TO A MAXIMUM 110 MPH WIND. THE FOUNDATION DESIGN WOULD BE BASED ON SOIL CONDITIONS AT THE SITE.

SITE AREAS & VOLUMES OF EARTHWORK

SITEWORK SHALL ENTAIL APPROXIMATELY 40 CUBIC YARDS OF CUT AND 40 CY FILL. APPROXIMATELY 10 CUBIC YARDS OF CRUSHED STONE SHALL BE BORROWED TO CONSTRUCT THE COMPOUND.

WORK AREA SLOPES:
EXISTING - 12%
PROPOSED - 8%

TOTAL AREA OF DISTURBANCE =2,000±SF

STORMWATER VELOCITY:
PRIOR TO GROUND COVER = 6 FT/SEC
FOLLOWING GROUND COVER = 5.5 FT/SEC

GROUND COVER TO BE ESTABLISHED AS FOLLOWS:
- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

T-MOBILE SITE NUMBER: CTFF481

APT FILING NUMBER: CT-255T-460

T-Mobile

35 GRIFFIN ROAD
BLOOMFIELD, CT 06002
OFFICE: (860)-692-7100

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
PHONE: (860)-663-1697
FAX: (860)-663-0935

PERMITTING DOCUMENTS

POLICE STA. EDISON RD
158 EDISON ROAD
TRUMBULL, CT 06611

DESIGN TYPE:

RAW LAND

REVISIONS:

REV.0: 11/25/09: FOR REVIEW: SMC
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REV.3: 01/07/11: FOR CSC: SMC
REV.4: 06/16/11: UPDATE ABUTTERS & TWR: SMC

COMPOUND PLAN & TOWER ELEVATION

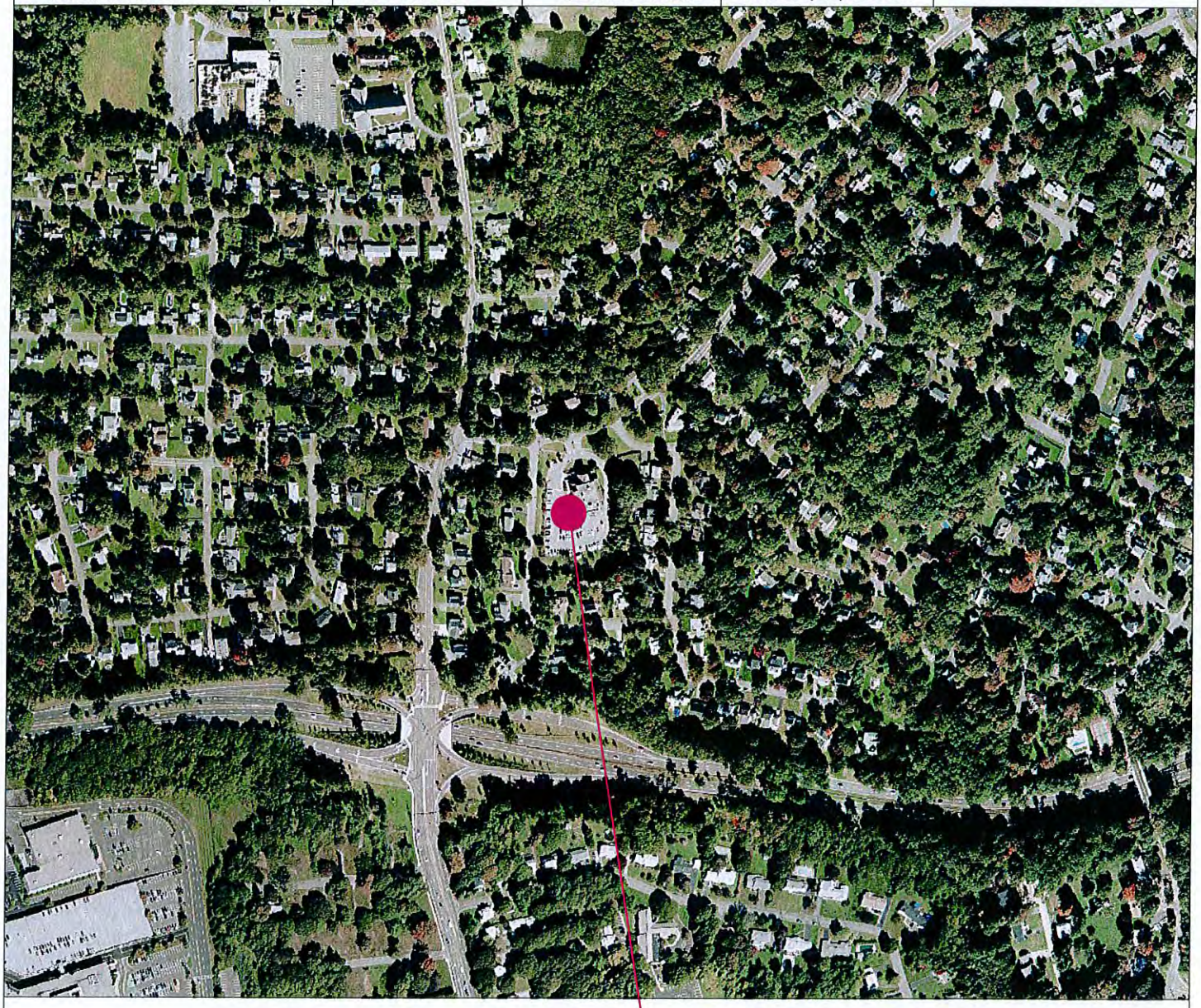
APT FILING NUMBER: CT-255T-460
APT DRAWING NUMBER: CTFF481
DRAWN BY: RCB
SCALE: AS NOTED
CHECKED BY: SMC
DATE: 11/25/09

SHEET NUMBER:

SP-2

STATE OF CONNECTICUT — SCOTT M. CRAMER — No.19728 — LICENSED PROFESSIONAL ENGINEER

ALL-POINTS TECHNOLOGY CORPORATION, P.C.	APT FILING NUMBER: CT-255T-460	T-Mobile	T-MOBILE SITE NUMBER
3 SADDLEBROOK DRIVE KILLINGWORTH, CT. 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	AERIAL MAP	35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	CTFF481
	SCALE: AS NOTED / DRAWN BY: RCB		POLICE STA. EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
	DATE: 11/25/09 / CHECKED BY: SMC		



AERIAL MAP

SCALE : 1" = 500'-0"

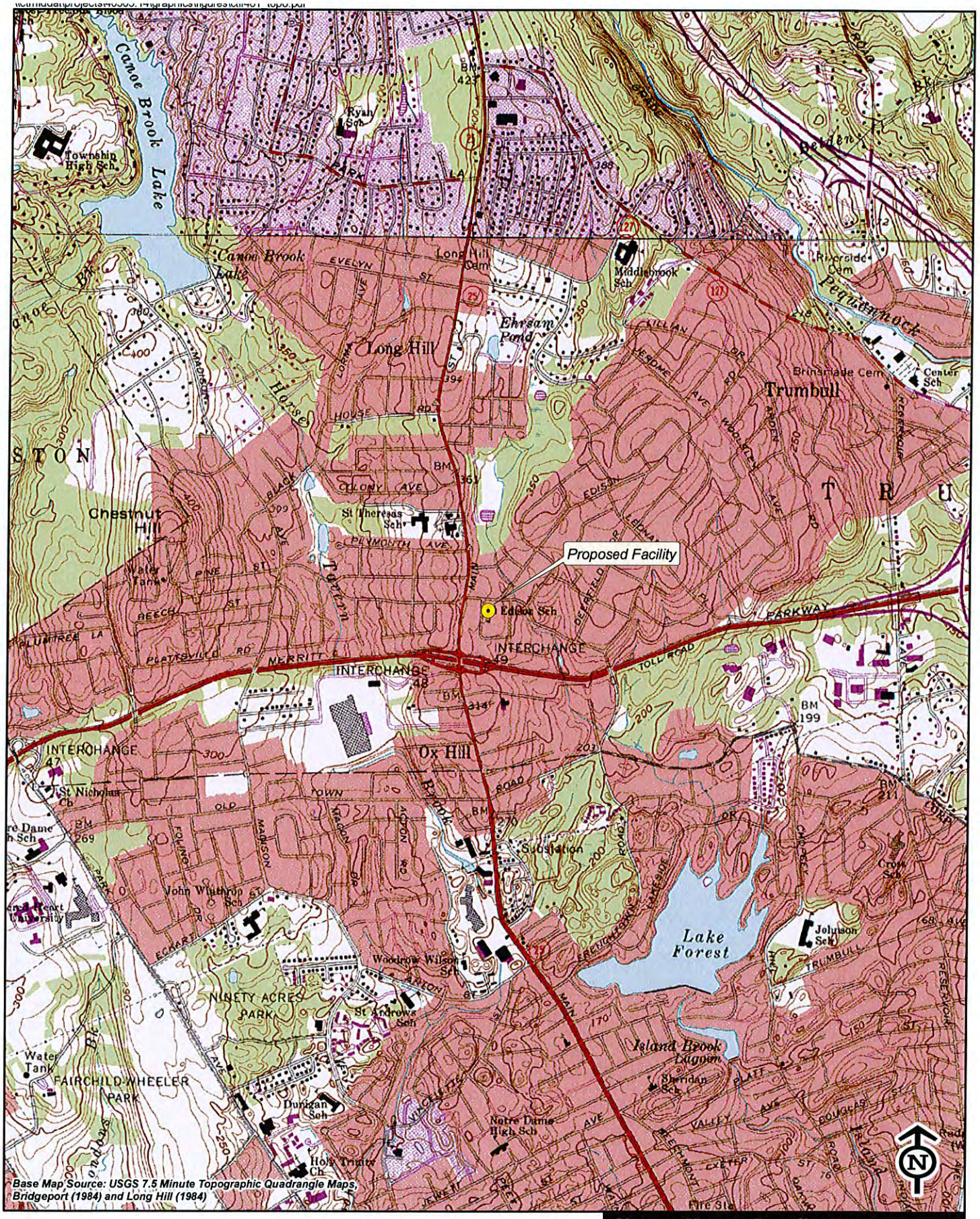
GRAPHIC SCALE

500 0 250 500 1000 2000

(IN FEET)

1 inch = 500 ft.

EXHIBIT D



Vanasse Hangen Brustlin, Inc.

USGS Topographic Map
Proposed T-Mobile Wireless Telecommunications Facility
CTFF481
158 Edison Road
Trumbull, Connecticut

T-Mobile

EXHIBIT E

CERTIFICATION OF SERVICE

I hereby certify that on this, the 1st day of August, 2011, copies of the Application and Attachments were sent by Federal Express to the following:

TRUMBULL TOWN OFFICIALS ***(General Statutes § 16-50l(b)(1))***

Timothy M. Herbst, First Selectman
Trumbull Town Hall
5866 Main Street, 2nd Floor
Trumbull, CT 06611

Planning & Zoning Commission
Gary Bean, Chairman
Trumbull Town Hall
5866 Main Street
Trumbull, CT 06611

Zoning Board of Appeals
Richard Pushkar, Chairman
Trumbull Town Hall
5866 Main Street
Trumbull, CT 06611

Conservation Commission
Mary Ellen Lemay, Chairman
Trumbull Town Hall
5866 Main Street
Trumbull, CT 06611

Inland Wetland & Watercourse Commission
Richard H. Girouard, Chairman
Trumbull Town Hall
5866 Main Street
Trumbull, CT 06611

Suzanne Burr Monaco, Town Clerk
Trumbull Town Hall
5866 Main Street, 1st Floor
Trumbull, CT 06611

ATTORNEY GENERAL ***(General Statutes § 16-50l(b)(2))***

Office of the Attorney General
State of Connecticut
Attorney General George C. Jepsen
55 Elm Street
Hartford, CT 06106

LEGISLATIVE MEMBERS ***(General Statutes § 16-50l(b)(3))***

United States Senator Joseph I. Lieberman
One Constitution Plaza, 7th Floor
Hartford, CT 06103

United States Senator Richard Blumenthal
30 Lewis Street, Suite 101
Hartford, CT 06103

United States Congressman Jim Himes
888 Washington Boulevard, 10th Floor
Stamford, CT 06901

Connecticut State Senator Anthony J. Musto
Legislative Office Building
300 Capital Avenue, Room 2000
Hartford, CT 06106

Connecticut State Representative Tony Hwang
Legislative Office Building
300 Capital Avenue, Room 4200
Hartford, CT 06106

Connecticut State Representative T.R. Rowe
Legislative Office Building
300 Capital Avenue, Room 4200
Hartford, CT 06106

FEDERAL AGENCIES ***(General Statutes § 16-50l(b)(4))***

Federal Communications Commission
Office of the Secretary
9300 East Hampton Drive
Capitol Heights, MD 20743

Federal Aviation Administration
New England Region
12 New England Executive Park
Burlington, MA 01803

STATE AGENCIES ***(General Statutes § 16-50l(b)(5))***

Greater Bridgeport Regional Planning Agency
c/o Brian Bidolli, Acting Executive Director
Bridgeport Transportation Center
525 Water Street
Bridgeport, CT 06604-4902

Connecticut Department of Environmental Protection
c/o Daniel C. Esty, Commissioner
79 Elm Street
Hartford, CT 06106-5127

Department of Public Health
c/o Dr. Jewel Mullen, Commissioner
410 Capitol Avenue
Hartford, CT 06134

Department of Agriculture
c/o Steven Reviczky, Commissioner
165 Capitol Avenue
Hartford, CT 06106

Connecticut Department of Public Utility Control
c/o Kevin M. DelGobbo, Chairman
Ten Franklin Square
New Britain, CT 06051

Office of Policy and Management
c/o Secretary Benjamin Barnes
450 Capitol Avenue
Hartford, CT 06106-1379

Department of Economic & Community Development
c/o Catherine Smith, Commissioner
505 Hudson Street
Hartford, CT 06106

Connecticut Department of Transportation
c/o James P. Redeker, Acting Commissioner
2800 Berlin Turnpike
Newington, CT 06111

Connecticut Council on Environmental Quality
c/o Karl J. Wagener, Executive Director
79 Elm Street
Hartford, CT 06106

Connecticut Commission on Culture & Tourism –
Historic Preservation and Museum Division
c/o David Bahlman, Division Director
One Constitution Plaza, Second Floor
Hartford, CT 06103

Connecticut Department of Emergency Management & Homeland Security
c/o Peter J. Boynton, Commissioner
25 Sigourney Street, 6th Floor
Hartford, CT 06106-5042

Connecticut Siting Council
c/o Richard Stein, Chairman
Ten Franklin Square
New Britain, CT 06051

Respectfully submitted,

T-MOBILE NORTHEAST LLC

By: _____

Julie D. Kohler, Esq.
Jesse A. Langer, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604
Tel. (203) 368-0211
Fax (203) 394-9901
jkohler@cohenandwolf.com
jlanger@cohenandwolf.com

EXHIBIT F

CONNECTICUT POST

410 State Street • Bridgeport, CT 06604

COHEN & WOLF PC
1115 BROAD STREET
BRIDGEPORT CT 06604

CONNECTICUT POST
CERTIFICATE OF PUBLICATION

This is to certify that the attached advertisement was published in the Connecticut Post newspaper as stated below.

(Advertising Representative)

PUBLIC NOTICE

Pursuant to General Statutes § 16-50l and § 16-50l-1 of the Regulations of Connecticut State Agencies, notice is hereby given that T-Mobile Northeast LLC ("T-Mobile") will file an application with the Connecticut Siting Council ("Council"). T-Mobile will file an Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 158 Edison Road, Trumbull, Connecticut ("Application"). T-Mobile will file the Application on or about August 1, 2011. T-Mobile seeks to construct a new 150 foot monopole structure, with antennas, associated equipment and other site improvements necessary for the proposed facility ("Facility"). The Facility would also accommodate a regional dispatch platform for emergency services, which would sit atop the monopole with antennas that would reach a height of approximately 172 feet above grade level. The location, height and other features of the Facility are subject to review and change by the Council pursuant to General Statutes § 16-50g et seq. The Facility would provide wireless service in the Town of Trumbull, particularly along sections of Route 15 (Merritt Parkway), Main Street and Highgate Road, as well as the surrounding area. The Facility would also enhance municipal and regional emergency services. The Application will set forth the need, purpose and benefits of the Facility and will also describe the environmental impact, if any, of the Facility.

T-Mobile will conduct a balloon float at the proposed height of the Facility on the day of the public hearing on the Application as scheduled by the Council. The Council will provide notice of the public hearing date. The Council will conduct that public hearing in Trumbull. T-Mobile will conduct the baloon float from 12:00 pm until 5:00 pm or as set by the Council.

Interested parties and residents of the Town of Trumbull are invited to review the Application during normal business hours at and of the following offices:

Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Town Clerk
Town of Trumbull
5866 Main Street, 1st Floor
Trumbull, CT 06611

Subscribed and sworn to before me, on this 18th day of July, A.D. 2011

Notary Public
State Commission Expires 1/31/2013

PO Number

Amount
$955.20

Publication	Ad Number	Ad Caption	
Connecticut Post	0001660106-01	PUBLIC NOTICE	Pursuant to

Publication Schedule

7/16/2011, 7/18/2011

or at the offices of T-Mobile's legal counsel:
Julie D. Kohler, Esq.
Jesse A. Langer, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604
Tel. (203) 368-0211
Fax (203) 394-9901

All inquiries should be addressed to the Council or to T-Mobile's legal counsel as listed above.

PUBLIC NOTICE

Pursuant to General Statutes § 16-50*l* and § 16-50*l*-1 of the Regulations of Connecticut State Agencies, notice is hereby given that T-Mobile Northeast LLC ("T-Mobile") will file an application with the Connecticut Siting Council ("Council"). T-Mobile will file an Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 158 Edison Road, Trumbull, Connecticut ("Application"). T-Mobile will file the Application on or about August 1, 2011. T-Mobile seeks to construct a new 150 foot monopole structure, with antennas, associated equipment and other site improvements necessary for the proposed facility ("Facility"). The Facility would also accommodate a regional dispatch platform for emergency services, which would sit atop the monopole with antennas that would reach a height of approximately 172 feet above grade level. The location, height and other features of the Facility are subject to review and change by the Council pursuant to General Statutes § 16-50g *et seq*.

The Facility would provide wireless service in the Town of Trumbull, particularly along sections of Route 15 (Merritt Parkway), Main Street and Highgate Road, as well as the surrounding area. The Facility would also enhance municipal and regional emergency services. The Application will set forth the need, purpose and benefits of the Facility and will also describe the environmental impact, if any, of the Facility.

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10 Franklin Square
New Britain, CT 06051

Town Clerk
Town of Trumbull
5866 Main Street, 1st Floor
Trumbull, CT 06611

or at the offices of T-Mobile's legal counsel:

Julie D. Kohler, Esq.
Jesse A. Langer, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604
Tel. (203) 368-0211
Fax (203) 394-9901

All inquiries should be addressed to the Council or to T-Mobile's legal counsel as listed above.

EXHIBIT G

CERTIFICATION OF SERVICE TO ABUTTING PROPERTY OWNERS

I hereby certify that a copy of the foregoing letter was sent by certified mail, return receipt requested, to each of the following abutting landowners:

Richard Cammarano
2 Koger Road
Trumbull, CT 06611

Joanne M. Davies
6 Koger Road
Trumbull, CT 06611

Tammy McGee and
Kevin McGee
8 Koger Road
Trumbull, CT 06611

Kathleen J. Thopsey
10 Koger Road
Trumbull, CT 06611

Mariusz P. Mierzejewski and
Teresa Mierzejewski, aka Teresa Mierzejewska
14 Koger Road
Trumbull, CT 06611

Claire G. Vitola and
Jean A. Esposito
18 Koger Road
Trumbull, CT 06611

(Mailing Address:)
c/o Jean Esposito
142 Cottage Street
Trumbull, CT 06611

(Additional Mailing Address:)
c/o Claire G. Vitola
18 Koger Road
Trumbull, CT 06611

Susan M. Tierney
12 Merwin Street
Trumbull, CT 06611

Robert J. Crainich and
Elizabeth M. Crainich and
Jason J. Crainich
16 Merwin Street
Trumbull, CT 06611

Michael W. Gillern and
Lois C. Gillern
20 Merwin Street
Trumbull, CT 06611

Alfredo Serrano and
Carmen Serrano
35 Merwin Street
Trumbull, CT 06611

Michael K. Obeid and
Aliss Obeid
65 Merwin Street
Trumbull, CT 06611

Michael A. Guarna and
Rosa Guarna
142 Edison Road
Trumbull, CT 06611

John C. Keklik and
Judith Keklik
153 Edison Road
Trumbull, CT 06611

Herbert Bendolph and
Doretha Bendolph
159 Edison Road
Trumbull, CT 06611

Joe E. Bean and
Rose M. Bean
171 Edison Road
Trumbull, CT 06611

Jose Gonzales-Cardentey, aka
Jose Gonzales and Jose Cardentey, and
Ximena Gonzales-Cardentey, aka
Ximena Gonzales and Ximena Cardentey
180 Edison Road
Trumbull, CT 06611

Carlos Rivera and Elena D. Rivera
and Carlos R. Rivera, Jr.
33 Merwin Street
Trumbull, CT 06611

Abraham M. Hoffman and
Jayne I. Hoffman
147 Edison Road
Trumbull, CT 06611

Frank J. Macphail and
Kristina L. Valdegas n/k/a
Kristina Macphail
183 Edison Road
Trumbull, CT 06611

Town of Trumbull
5866 Main Street
Trumbull, CT 06611

State of Connecticut
2800 Berlin Turnpike
Newington, CT 06111

Dated: August 1, 2011

By: _____
Attorneys for the Applicant
Julie D. Kohler, Esq.
Jesse A. Langer, Esq.
COHEN AND WOLF, P.C.
1115 Broad Street
Bridgeport, CT 06604
Tel. (203) 368-0211
Fax (203) 394-9901
jkohler@cohenandwolf.com
jkohler@cohenandwolf.com

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COHEN and WOLF P.C.
ATTORNEYS AT LAW

JESSE A. LANGER

Please Reply To Bridgeport
E-Mail: jlanger@cohenandwolf.com

July 13, 2011

VIA CERTIFIED MAIL

Re: Proposed Telecommunications Facility
(158 Edison Road, Trumbull)

To Whom It May Concern:

This firm represents T-Mobile Northeast LLC ("T-Mobile"). T-Mobile intends to file an Application for a Certificate of Environmental Compatibility and Public Need ("Application") with the Connecticut Siting Council ("Council") regarding certain real property commonly known as 158 Edison Road, Trumbull ("Property"). T-Mobile seeks to construct, maintain and operate a telecommunications facility on the Property.

This letter serves as notice to you as an abutting property owner pursuant to General Statutes § 16-50*l*. T-Mobile will file the Application on or about August 1, 2011, and will request that the Council place the Application on some future agenda.

Please find enclosed a copy of the legal notice that will run in the "Connecticut Post" on Saturday, July 16, 2011 and Monday, July 18, 2011.

If you have any questions or concerns regarding this matter, please contact our office or the Council. The Council's address is included in the enclosed copy of the legal notice.

Very truly yours,

Jesse A. Langer

Enclosure

1115 Broad Street
P.O. Box 1821
Bridgeport, CT 06601-1821
Tel: (203) 368-0211
Fax: (203) 394-9901

158 Deer Hill Avenue
Danbury, CT 06810
Tel: (203) 792-2771
Fax: (203) 791-8149

320 Post Road West
Westport, CT 06880
Tel: (203) 222-1034
Fax: (203) 227-1373

657 Orange Center Road
Orange, CT 06477
Tel: (203) 298-4066
Fax: (203) 298-4068

PUBLIC NOTICE

Pursuant to General Statutes § 16-50*l* and § 16-50*l*-1 of the Regulations of Connecticut State Agencies, notice is hereby given that T-Mobile Northeast LLC ("T-Mobile") will file an application with the Connecticut Siting Council ("Council"). T-Mobile will file an Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 158 Edison Road, Trumbull, Connecticut ("Application"). T-Mobile will file the Application on or about August 1, 2011. T-Mobile seeks to construct a new 150 foot monopole structure, with antennas, associated equipment and other site improvements necessary for the proposed facility ("Facility"). The Facility would also accommodate a regional dispatch platform for emergency services, which would sit atop the monopole with antennas that would reach a height of approximately 172 feet above grade level. The location, height and other features of the Facility are subject to review and change by the Council pursuant to General Statutes § 16-50g *et seq*.

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New Britain, CT 06051

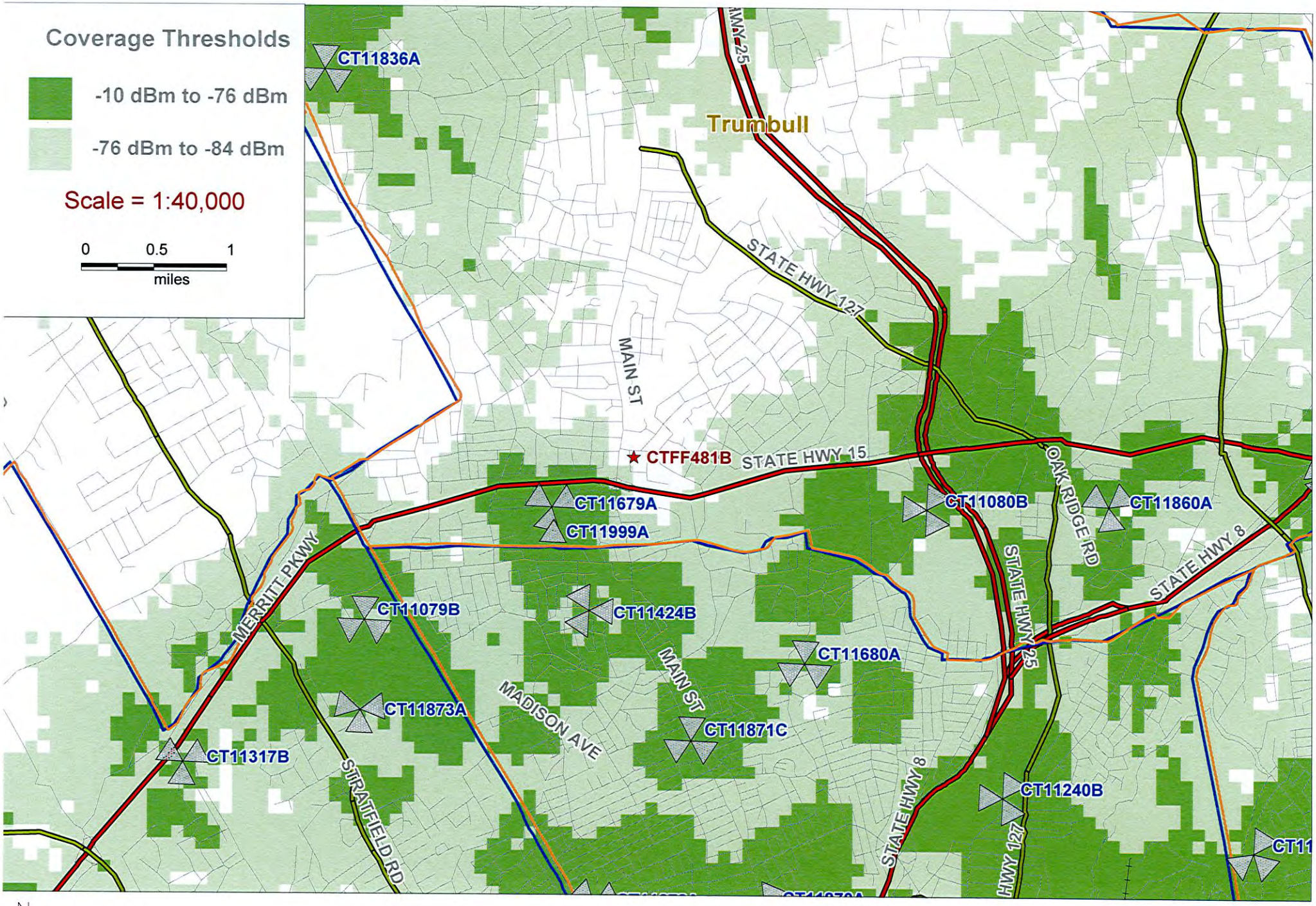
Town Clerk
Town of Trumbull
5866 Main Street, 1st Floor
Trumbull, CT 06611

or at the offices of T-Mobile's legal counsel:

Julie D. Kohler, Esq.
Jesse A. Langer, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604
Tel. (203) 368-0211
Fax (203) 394-9901

All inquiries should be addressed to the Council or to T-Mobile's legal counsel as listed above.

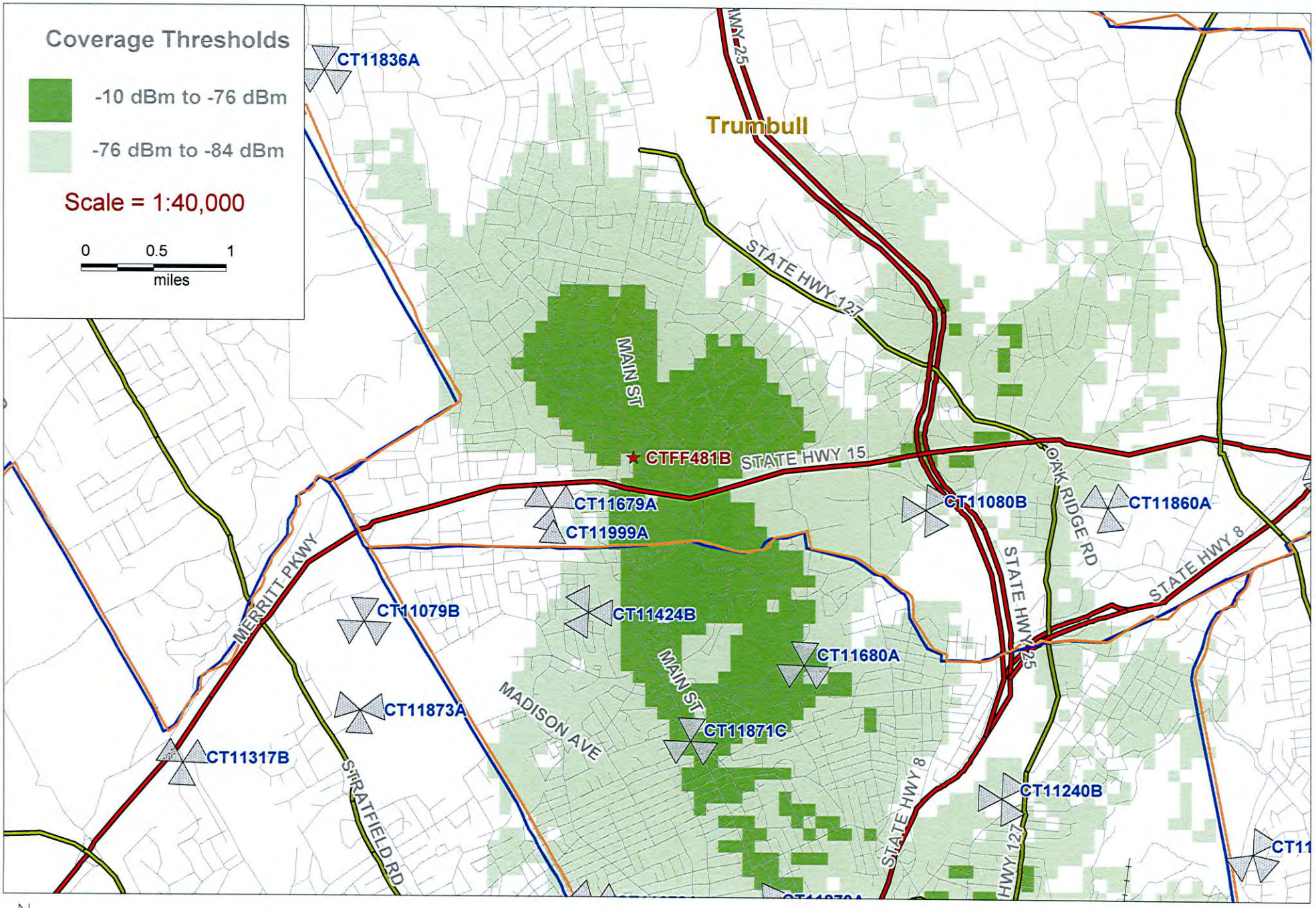
EXHIBIT H



-T-Mobile--

Existing T-Mobile On Air Coverage

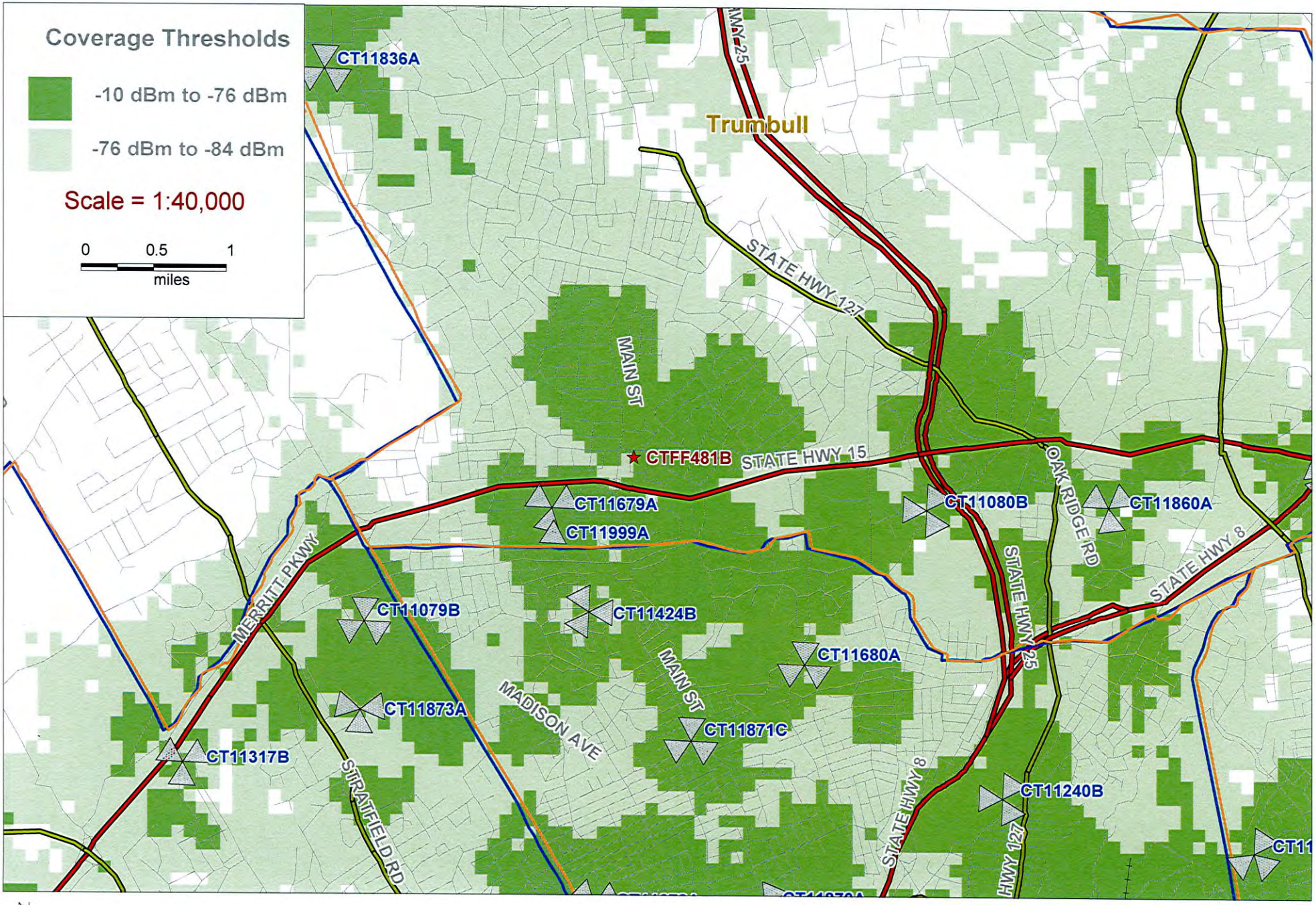
Coverage Thresholds
Dark Green - In Building Coverage
Light Green - In Vehicle Coverage



-T-Mobile--

T-Mobile Proposed CTFF481B @ 140'

Coverage Thresholds
Dark Green - In Building Coverage
Light Green - In Vehicle Coverage

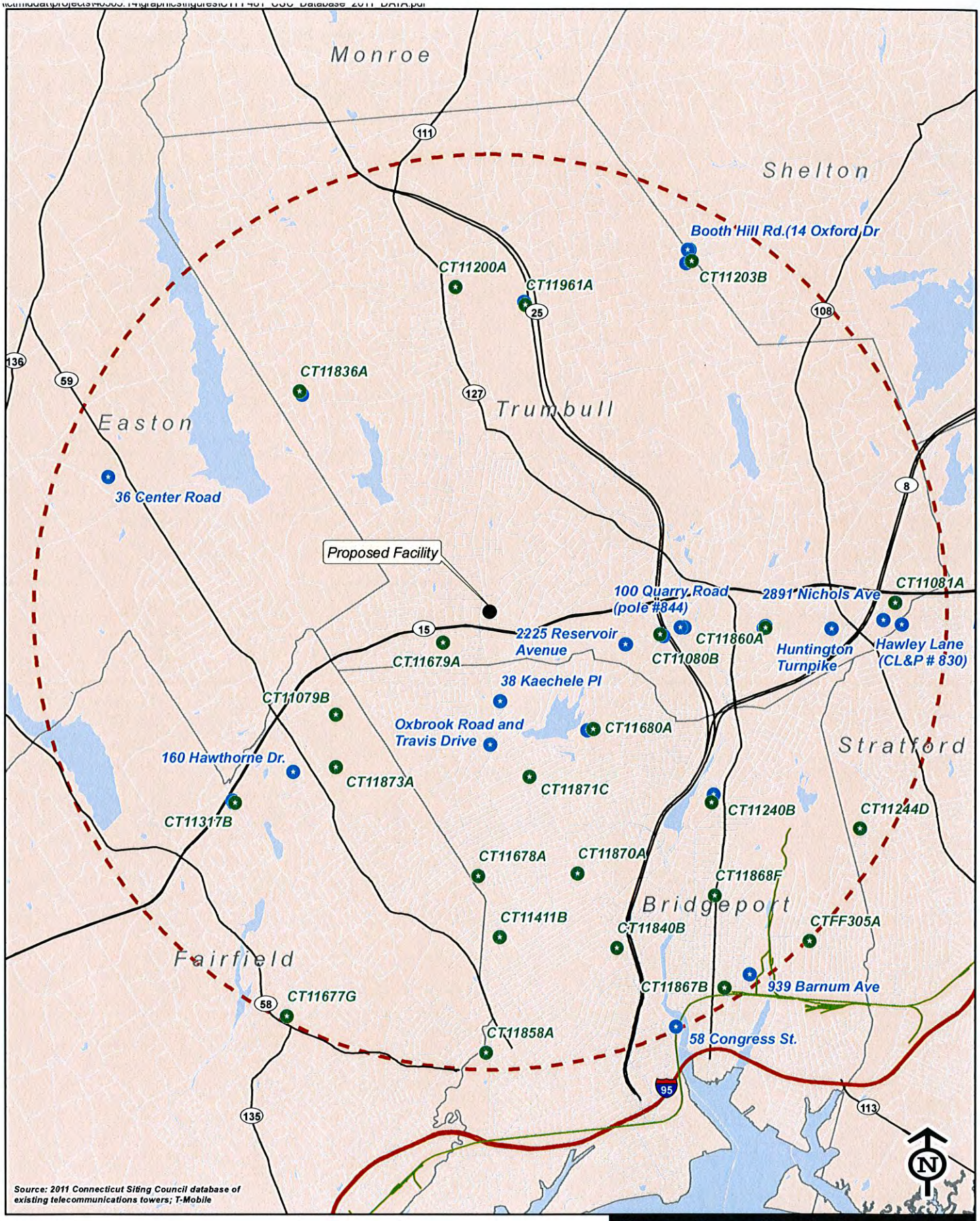


-T-Mobile--

Existing T-Mobile On Air Coverage
With CTFF481B @ 140'

Coverage Thresholds
Dark Green - In Building Coverage
Light Green - In Vehicle Coverage

EXHIBIT I



Vanasse Hangen Brustlin, Inc.

Existing Facilities Within Four Miles of Proposed T-Mobile Wireless Telecommunications Facility
CTFF481
158 Edison Road
Trumbull, Connecticut

T··Mobile·

Existing Telecommunications Towers Within Four Miles of Proposed T-Mobile Facility

T-MOBILE SITE ID	TOWN	ADDRESS	LATITUDE	LONGITUDE	USER	OWNER	TYPE	ANT. HEIGHT	TOWER HEIGHT
	Bridgeport	1330 Chopsey Hill Rd	41-13-10	73-12-08	BAM	Chopsey Hill Assoc	ssl	145.00	240.00
	Bridgeport	1330 Chopsey Hill Rd	41-13-10	73-12-08	BAM	Chopsey Hill Assoc	ssl	132.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	AT&T Wireless	Chopsey Hill Assoc	ssl	165.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Verizon	Chopsey Hill Assoc	ssl	150.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Northcoast	Remo Tartaglia	ssl	80.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	AT&T Wireless	Remo Tartaglia	ssl	0.00	0.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	VoiceStream	Remo Tartaglia	ssl	202.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Marcus Communication	Remo Tartaglia	ssl	0.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	AT&T Wireless	Remo Tartaglia	ssl	165.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	AT&T Wireless	Remo Tartaglia	ssl	0.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	New Cingular	Remo Tartaglia	ssl	165.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Nextel	Remo Tartaglia	ssl	0.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	MetroPCS New York	Remo Tartaglia	ssl	210.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Sprint/Nextel	Remo Tartaglia	ssl	0.00	240.00
CT11680A	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	T-Mobile	Remo Tartaglia	ssl	200.00	240.00
	Bridgeport	1330 Chopsey Hill Rd/(1000	41-13-10	73-12-08	Clearwire	Remo Tartaglia	ssl	180.00	240.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	AT&T Wireless	VoiceStream	flagpole	98.00	120.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	AT&T Wireless	VoiceStream	flagpole	98.00	120.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	AT&T Wireless	VoiceStream	flagpole	0.00	120.00
CT11240B	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	T-Mobile	VoiceStream	flagpole	107117.00	120.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	Nextel	VoiceStream	flagpole	0.00	120.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	AT&T	VoiceStream	flagpole	98.00	120.00
	Bridgeport	1875 Noble Ave	41-12-41	73-10-51	Sprint Nextel	VoiceStream	flagpole	96.00	120.00
	Bridgeport	38 Kaechele Pl	41-13-23	73-13-01	SNET Cellular	SNET Cellular	m	150.00	150.00
	Bridgeport	38 Kaechele Pl	41-13-23	73-13-01	SNET/SCLP	SNET/SCLP	m	152.47	150.00
N/A	Bridgeport	38 Kaechele Pl	41-13-23	73-13-01	SNET/SCLP	SNET/SCLP	m	157.46	150.00
	Bridgeport	38 Kaechele Pl	41-13-23	73-13-01	ATT Wireless	SNET/SCLP	m	140.00	150.00
	Bridgeport	38 Kaechele Pl	41-13-23	73-13-01	AT&T Wireless		m	140.00	0.00

NA = T-Mobile is not located at this location.

T-MOBILE SITE ID	TOWN	ADDRESS	LATITUDE	LONGITUDE	USER	OWNER	TYPE	ANT. HEIGHT	TOWER HEIGHT
	Bridgeport	Kaechele Place	41-13-23	73-13-01	Verizon/Cingular	American Tower	m	0.00	156.00
	Bridgeport	2 Kaechele Place	41-13-23	73-13-01	Cingular	American Tower	m	155.00	156.00
N/A	Bridgeport	2 Kaechele Place	41-13-23	73-13-01	Cingular/AT&T	American Tower	m	140.00	156.00
	Bridgeport	2 (also 38) Kaechele Place	41-13-23	73-13-01	MetroPCS New York	American Tower	m	120.00	156.00
	Bridgeport	2 (also 38) Kaechele Place	41-13-23	73-13-01	Cingular	American Tower	m	155.00	156.00
	Bridgeport	2 (also 38) Kaechele Place	41-13-23	73-13-01	Cingular/AT&T	American Tower	m	0.00	156.00
N/A	Bridgeport	58 Congress St.	41-10-54.	73-11-13	UI	UI	o	0.00	0.00
	Bridgeport	939 Barnum Ave (Arctic Stre	41-11-16.	73-10-25.	BAM	RAST Building	bm	154.00	152.00
	Bridgeport	939 Barnum Ave (Arctic Stre	41-11-16.	73-10-25.	BAM	RAST Building	bm	152.00	152.00
	Bridgeport	Oxbrook Road and Travis Dri	41-13-03.	73-13-07	Omni	CL&P	pm	92.50	86.00
	Bridgeport	280 Oxbrook Road	41-13-03.	73-13-07	Omni/VoiceStream/T-M	CL&P	pm	94.00	86.00
	Bridgeport	280 Oxbrook Road	41-13-03.	73-13-07	Omni/VoiceStream/T-M	CL&P	pm	94.00	86.00
	Bridgeport	280 Oxbrook Road	41-13-03.	73-13-07	T-Mobile	CL&P	pm	92.50	86.00
	Fairfield	160 Hawthorne Dr.	41-12-48.	73-15-02.	UI	UI	m	79.00	79.00
	Fairfield	Morehouse Road	41-12-36	73-15-42	AT&T	CL&P	ssl	84.00	84.00
	Fairfield	Morehouse Road	41-12-36	73-15-42	AT&T	CL&P	ssl	84.00	84.00
	Fairfield	Between 244 and 280 Morehou	41-12-35.	73-15-41.	Sprint	CL&P	pm	101.00	86.00
	Fairfield	Morehouse Rd	41-12-37	73-15-43	VoiceStream	CL&P	m	95.00	84.00
CT11317B	Fairfield	280 Morehouse Road	41-12-36	73-15-42	T-Mobile	CL&P	ssl	95.00	84.00
	Fairfield	280 Morehouse Road	41-12-36	73-15-42	AT&T	CL&P	ssl	0.00	84.00
N/A	Easton	36 Center Road	41-15-3.81	73-16-59.6	UI	UI	ssl	79.00	79.00
	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	DPS	AT&T		200.00	0.00
N/A	Shelton	Booth Hill (14 Oxford Dr)	41-16-49	73-11-08	Pagenet	AT&T	ssl	169.00	200.00
	Shelton	14 Oxford Dr	41-16-53	73-11-08	Metricom	American Tower Mana	ssl	140.00	200.00
N/A	Shelton	14 Oxford Dr	41-16-53	73-11-08	AT&T	American Tower Mana	ssl	144.00	200.00
	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	Nextel	AT&T		166.00	0.00
	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	Cingular	AT&T		144.00	0.00
N/A	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	Sprint/Nextel	AT&T		166.00	0.00
	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	Cingular	AT&T		0.00	0.00
	Shelton	Booth Hill Rd.(14 Oxford Dr	41-16-49	73-11-08	Clearwire	AT&T		162.00	0.00
N/A	Stratford	Hawley Lane (CL&P # 830)	41-13-59	73-08-58	Nextel	CL&P	pm	101.00	81.00
	Trumbull	100 Quarry Road (pole #844)	41-13-57	73-11-11.	AT&T	CL&P	pm	0.00	150.00
	Trumbull	100 Quarry Road	41-13-57	73-11-9	Sprint	CL&P	pm	100.00	150.00
N/A	Trumbull	100 Quarry Road	41-13-57	73-11-9	AT&T	CL&P	pm	100.00	150.00
	Trumbull	100 Quarry Road	41-13-57	73-11-9	AT&T	CL&P	pm	0.00	150.00

NA = T-Mobile is not located at this location.

T-MOBILE SITE ID	TOWN	ADDRESS	LATITUDE	LONGITUDE	USER	OWNER	TYPE	ANT. HEIGHT	TOWER HEIGHT
N/A	Trumbull	Huntington Tnpk.	41-15-18	73-09-51	UI	UI	m	79.00	79.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Sprint	Candid Communicatio	m	165.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	SNET	Candid Communicatio	m	185.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	AT&T	Candid Communicatio	m	175.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Cingular	Candid Communicatio	m	185.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Verizon	Candid Communicatio	m	155.00	195.00
CT11961A	Trumbull	Indian Ledge Park	41-16-25	73-12-48	T-Mobile	Candid Communicatio	m	145.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Verizon	Candid Communicatio	m	155.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Nextel	Candid Communicatio	m	135.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	New Cingular	Candid Communicatio	m	190.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	T-Mobile	Candid Communicatio	m	145.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Cingular/AT&T	Candid Communicatio	m	175.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Sprint	Candid Communicatio	m	164.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Verizon	Candid Communicatio	m	155.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Clearwire	Candid Communicatio	m	164.00	195.00
	Trumbull	Indian Ledge Park	41-16-25	73-12-48	Verizon	Candid Communicatio	m	155.00	195.00
N/A	Trumbull	Merrimac Dr.	41-15-42	73-15-02	UI	UI	m	50.00	60.00
	Trumbull	Nichols Avenue (2891 Nichol	41-14-01	73-09-09	AT&T	CL&P (#833)	pm	100.00	90.00
N/A	Trumbull	Nichols Avenue (2891 Nichol	41-14-01	73-09-09	Cingular (AT&T)	CL&P (#833)	pm	100.00	90.00
CT11860A	Trumbull	48 Quail Trail	41-13-57.	73-10-20.	T-Mobile	CL&P (#838)	pm	105.00	95.00
	Trumbull	Quarry Road	41-13-57	73-11-11	AT&T Wireless	CL&P (#844)	pm	0.00	162.00
	Trumbull	Rocky Hill Road	41-13-53	73-11-22	Omni	CL&P	AcCELLerato	0.00	0.00
	Trumbull	Rocky Hill Road	41-13-53	73-11-22	VoiceStream	CL&P (#845)	m w/mast	165.00	150.00
CT11080B	Trumbull	Rocky Hill Road	41-13-53	73-11-22	T-Mobile (VoiceStrea	CL&P (#845)	m w/mast	133.00	150.00
	Trumbull	Rocky Hill Road	41-13-53	73-11-22	T-Mobile	CL&P (#845)	m w/mast	164.00	150.00
N/A	Trumbull		41-13-49.15	73-11-44.85	MetroPCS	CL&P (#848)	pm	110.00	100.00

NA = T-Mobile is not located at this location.

T-MOBILE SITE ID	TOWN	ADDRESS	LATITUDE	LONGITUDE	USER	OWNER	TYPE	ANT. HEIGHT	TOWER HEIGHT
	Trumbull	Video Lane	41-16-43	73-11-09	BAM	Hi Ho Tower Inc	gl	230.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	BAM	Hi Ho Tower Inc	gl	150.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	BAM	Hi Ho Tower Inc	gl	230.00	486.00
	Trumbull	Video La	41-16-43	73-11-09	VoiceStream	Hi Ho Tower Co.	gl	242.00	457.00
	Trumbull	Video Lane	41-16-43	73-11-09	T-Mobile (VoiceStrea	Hi Ho Tower Inc	gl	242.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	WEDW-DTV	Pinnacle Towers	gl	360.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	T-Mobile (VoiceStrea	Pinnacle Towers	gl	244.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	Verizon	Pinnacle Towers	gl	0.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	Marcus	Global Signal	gl	0.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	Verizon	Global Signal	gl	0.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	MediaFLO	Global Signal	gl	299.00	486.00
	Trumbull	Video Lane	41-16-43	73-11-09	T-Mobile	Crown Castle	gl	247.00	486.00
CT11203B	Trumbull	99 Video Lane	41 16 44.04	73 11 5.639	T-Mobile		gl	242	457.00
CT11200A	Trumbull	6448 main Street	41 16 31.439	73 13 29.64	T-Mobile		rt	77	53.00
CT11836A	Trumbull	88 Merrimac Drive	41 15 43.559	73 15 3.6	T-Mobile		wt	47	49.00
CT11081A	Trumbull	180 Hawley Drive	41 14 8.8794	73 9 2.159	T-Mobile		rt	53	46.00
CT11679A	Trumbull	5065 Main Street	41 13 49.44	73 13 35.76	T-Mobile		rt	76	52.00
CT11244D	Stratford	3191 Broadbridge Avenue	41 12 25.92	73 9 22.68	T-Mobile		rt	63	49.00
CT11868F	Bridgeport	1757 East Main Street	41 11 54.95	73 10 50.159	T-Mobile		rt	45	35.00
CT11871C	Bridgeport	3885 Main Street	41 12 48.6	73 12 42.83	T-Mobile		rt	56	44.00
CT11079B	Fairfield	99 Gaynos Drive	41 13 16.32	73 14 40.2	T-Mobile		rt	65	55.00
CT11840B	Bridgeport	2102 Main Street	41 11 30.839	73 11 49.2	T-Mobile		Steeple	63	85.00
CT11870A	Bridgeport	2875 Main Street	41 12 4.68	73 12 13.68	T-Mobile		rt	55	49.00
CT11678A	Fairfield	3192 Park Avenue	41 12 3.239	73 13 13.8	T-Mobile		rt	142	120.00
CT11411B	Bridgeport	73 Lawrence Street	41 11 35.519	73 13 0.48	T-Mobile		rt	155	131.00
CT11873A	Fairfield	2390 Easton Turnpike	41 12 52.559	73 14 39.839	T-Mobile		wt	125	120.00
CT11858A	Fairfield	72 Cartright Street	41 10 42.599	73 13 8.399	T-Mobile		rt	95	80.00
CT11867B	Bridgeport	803 East Washington Street	41 11 12.84	73 10 44.039	T-Mobile		rt	80	72.00
CTFF305A	Bridgeport	1596 Boston Avenue	41 11 34.44	73 9 52.559	T-Mobile		Steeple	70	111.00
CT11677G	Fairfield	2228 Black Rock Turnpike	41 10 58.799	73 15 8.999	T-Mobile		RT Flagpole	64	40.00

NA = T-Mobile is not located at this location.

EXHIBIT J

Site Search Process and Selection

Section 16-50j-74(j) of the Regulations of Connecticut State Agencies requires T-Mobile to submit a statement that describes "the narrowing process by which other possible sites were considered and eliminated." In accordance with this requirement, the description of the general site search process, the identification of the target search area and the alternative locations considered for development of the proposed telecommunications facility are provided below.

As a wireless carrier licensed by the Federal Communications Commission, T-Mobile decides to seek out a site in an area based upon the needs of its wireless infrastructure and extensive research of the subject area. T-Mobile chooses a target area central to the area in which it has identified coverage and/or capacity needs. The area targeted is the geographical location where the installation of a site would, based on general radio frequency engineering and system design standards, likely address the identified problem. T-Mobile's goal is to locate sites that would remedy coverage or capacity issues, while resulting in the least environmental impact.

T-Mobile is sensitive to State and local desires to minimize the construction of new facilities, and it does not pursue development of a new facility in places where T-Mobile can find an acceptable existing structure. In general, T-Mobile's site acquisition personnel first study the target area to determine whether any suitable structure exists. If T-Mobile cannot find a structure with appropriate height and structural capabilities, it turns to industrial / commercial areas or individual parcels that have appropriate environmental and land use characteristics. The list of potential locations is limited by the willingness of property owners to make their property available. Radio frequency ("RF") engineers study potentially suitable and available locations to determine whether the locations will meet the technical requirements for a site in the area. Analysis of potential environmental effects and benefits may further narrow the alternatives. The weight given relevant factors varies for each search, depending on the nature of the area and the availability of potential sites.

T-Mobile has identified a coverage gap in its wireless network in the area surrounding the proposed telecommunications facility ("Facility") at 158 Edison Road, Trumbull, Connecticut ("Property"). There are no existing towers, transmission line structures or other suitable structures in this area of the Town of Trumbull ("Town"). Moreover, any existing towers are too far from the target area to provide coverage specifically to the target area. The nearest towers and suitable structures are already in use by T-Mobile. There are no large areas of commercial or industrial use in or near the target area.

T-Mobile considered several other locations that might have addressed the coverage gap in this area of the Town. The reasons T-Mobile did not select any of these locations are outlined below:

1. 5663 Main Street. This parcel hosts a small two-story building used as a deli. The Town requested that T-Mobile not consider this parcel, which is located in a residential area.

2. 100 Middlebrooks Avenue. This parcel hosts the Long Hill Baptist Church. T-Mobile's RF engineers reviewed the Church's steeple and determined that the height was insufficient to afford adequate coverage to the subject area. T-Mobile's RF engineers also determined that a telecommunications facility on this parcel would have to be between 140 and 160 feet AGL.

3. 100 Quality Street. This parcel hosts a Stop & Shop plaza. T-Mobile's RF engineers reviewed the plaza's 25 foot rooftop and determined that it is too far north to provide coverage to the coverage objective. Additionally, the property owner is not interested in leasing space for a free-standing telecommunications facility.

4. 250 Middlebrooks Avenue. This parcel hosts the Town's Emergency Medical Services. The Town did not want to execute a lease with T-Mobile for the construction of a new telecommunications facility on this parcel.

5. Town owned property across from Town Hall. The Town did not want to execute a lease with T-Mobile for the construction of a new telecommunications facility on this parcel. There are no suitable existing structures for co-location on this parcel.

6. 366 Church Hill Road. This parcel hosts the Town's Department of Public Works/Highway Garage. There are no suitable structures on this parcel for co-location. The terrain would require a very tall structure on this parcel, perhaps in excess of 250 feet.

7. 5866 Main Street, Town Hall. This parcel hosts the Town Hall. T-Mobile's RF engineers reviewed the cupola and determined that the height was insufficient to afford adequate coverage to the target area.

8. 5958 Main Street. This parcel hosts the Grace Episcopal Church. This parcel is located too far north to achieve coverage for the subject area with the available height. This site is located at the edge of coverage from existing sites CT11200 and CT11961.

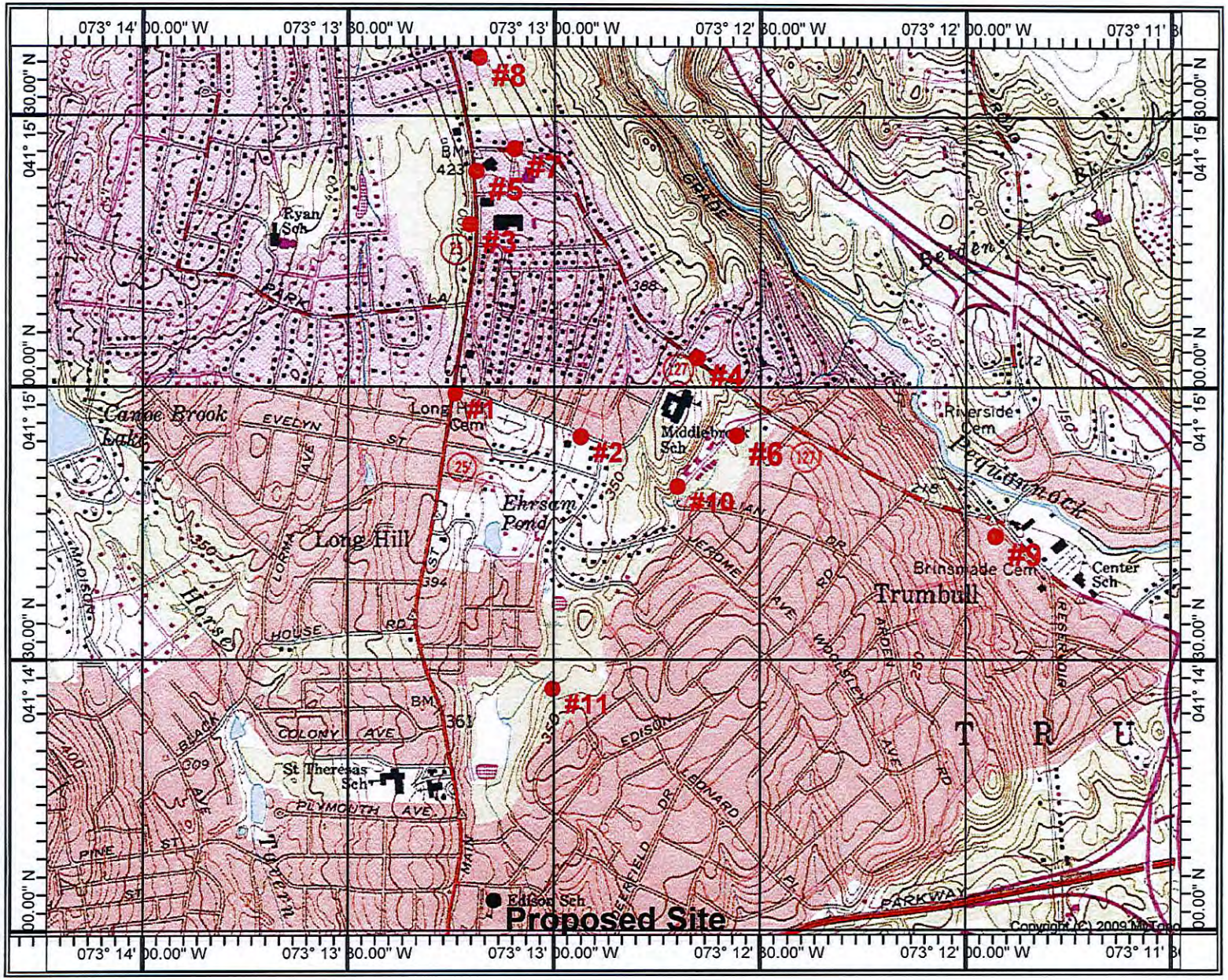
9. 5065 Main Street. This parcel is undeveloped and located adjacent to the Trumbull Mall. The property owner is not interested in leasing space for a telecommunications facility. Additionally, T-Mobile is one of the wireless carriers using a rooftop installation on the Trumbull Mall.

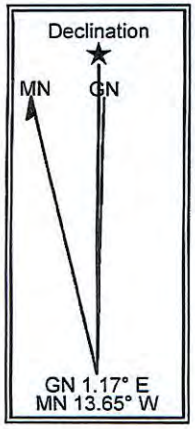
10. 965 Church Street. This parcel hosts a 3 story commercial building. This parcel is located at too low an elevation to achieve the coverage objective.

11. Island Brook Park, Orchard Street. This parcel is undeveloped and serves as a municipal park. Neither the Town nor representatives of the community expressed any interest in the park serving as the location for a telecommunications facility.

Consequently, T-Mobile has determined that the Property is superior to the other properties in the area. The Property is well developed and currently hosts the Trumbull Police Department. The Facility would replace an aging 100 foot lattice tower located on the Property. There are no wetland systems on or near the Property. Access is across an existing bituminous driveway and parking lot. T-Mobile would not have to remove any trees and the installation of the Facility would require minimal intrusion. Additionally, the Facility would host Fire, EMS and regional dispatch antennae, which would enhance the coverage for emergency services in the area.

The proposed Facility is necessary to enhance wireless service availability to existing and future T-Mobile wireless device users. Enhanced coverage provided by the Facility would allow T-Mobile subscribers to use voice and data services reliably as well as to connect to Emergency 911 services. The intended coverage area of the Facility includes sections around Route 15 (Merritt Parkway), Main Street and Highgate Road. The Facility would also enhance the coverage for emergency services in the area. Additionally, the proposed facility would provide future capacity relief and performance improvements for the current T-Mobile telecommunications facilities that presently provide coverage to parts of the coverage objective.





SCALE: 1" Equals 2000'

CTFF481
Trumbull

EXHIBIT K

Transportation
Land Development
Environmental
Services

imagination | innovation | energy Creating results for our clients and benefits for our communities

November 23, 2009

Vanasse Hangen Brustlin, Inc.

Ref: 40505.14

Mr. Scott Chasse
All-Points Technology Corp., P.C.
3 Saddlebrook Drive
Killingworth, Connecticut 06419

Re: Wetland Inspection
T-Mobile Site No. CTFF481 – Police Sta Edison Rd
158 Edison Road, Trumbull, Connecticut

Dear Mr. Chasse:

Vanasse Hangen Brustlin, Inc. (VHB) has completed on-site investigations on November 22, 2009 to determine if wetlands and/or watercourses are located on the above-referenced Site. VHB has relied upon the accuracy of information provided by All-Points Technology Corp., P.C. (refer to attached Site Plan) regarding the proposed lease area and utility easement locations for identifying wetlands and watercourses within and proximate to said locations.

VHB understands that T-Mobile proposes to construct a wireless telecommunications facility in the central portion of 158 Edison Road in Trumbull, Connecticut (the "Site"). The entire subject property is developed with the Trumbull Police Department building and paved parking area and entrance drive off Edison Road. An existing 100 foot lattice tower is located along the western exterior building wall. This tower will be removed and replaced with a 150 foot monopole tower within an existing lawn area along the western exterior building wall just south of the existing lattice tower. No wetlands or watercourses were identified (or delineated) on the subject property. The nearest wetland is a disturbed wetland area associated with the front yard of an existing residence located approximately 175 feet southeast of the subject property across Merwin Street. Soils classified on the subject property are generally consistent with published data consisting of well drained developed soils classified as Charlton-Urban land complex (soil symbol – 260). A copy of the soil survey is enclosed. Therefore, the proposed development will not directly or indirectly affect wetlands or watercourses.

If you have any questions concerning this matter do not hesitate to contact me.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

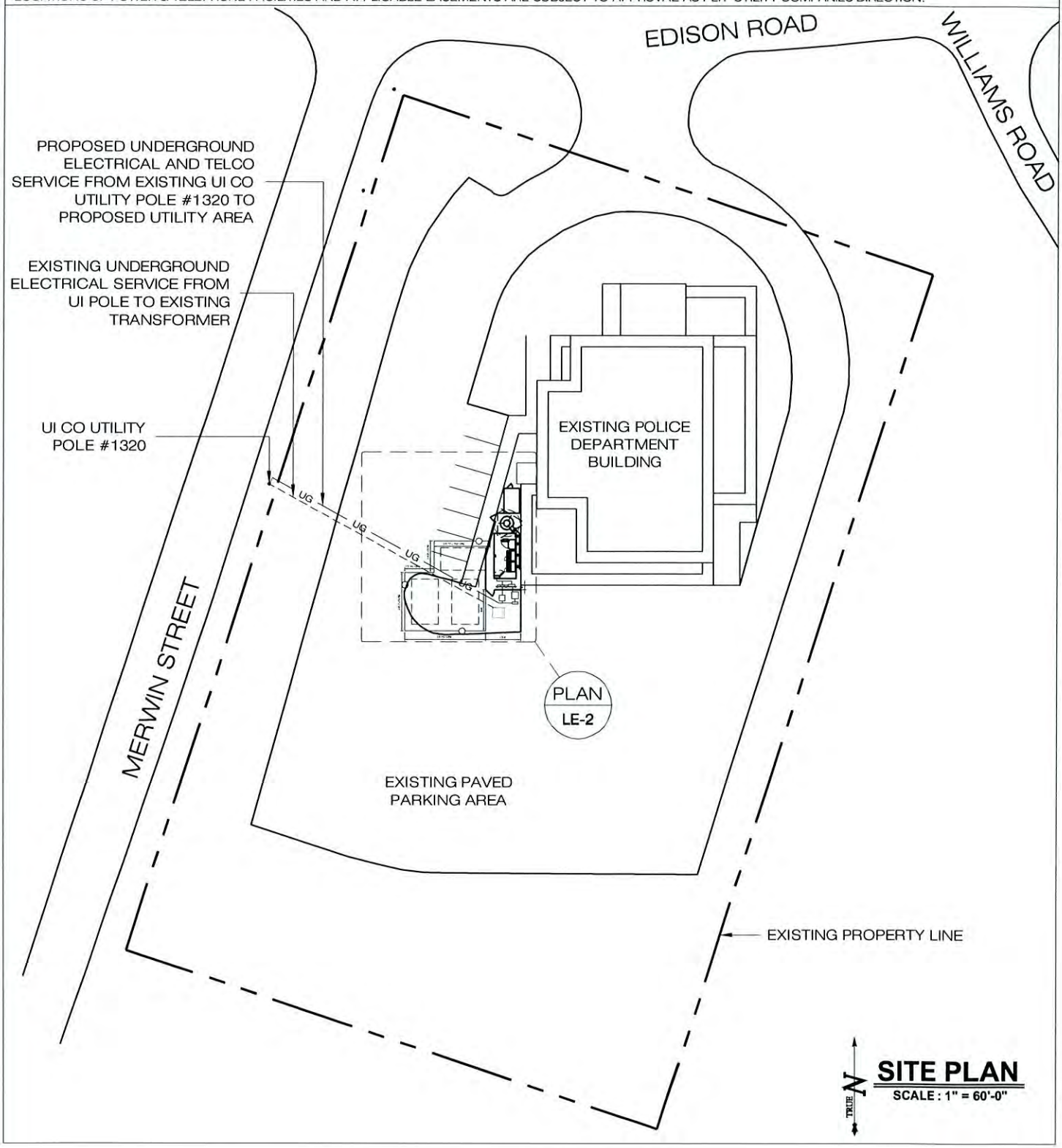
Dean Gustafson
Professional Soil Scientist

Enclosures

54 Tuttle Place
Middletown, Connecticut 06457-1847
860.632.1500 ▪ FAX 860.632.7879
email: info@vhb.com
www.vhb.com

ALL-POINTS TECHNOLOGY CORPORATION, P.C.	APT FILING NUMBER: CT-255T-460		T-Mobile	T-MOBILE SITE NUMBER: CTFF481
3 SADDLEBROOK DRIVE KILLINGWORTH, CT. 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	LE-1		35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
	SCALE: AS NOTED	DRAWN BY: AAJ		
	DATE: 04/01/09	CHECKED BY: SMC		

NOTE:
PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. OMNIPOINT COMMUNICATIONS INC. IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. OMNIPOINT COMMUNICATIONS INC. RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.
ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY OMNIPOINT COMMUNICATIONS INC. STRUCTURAL & RF ENGINEERS.
LOCATIONS OF POWER & TELEPHONE FACILITIES AND APPLICABLE EASEMENTS ARE SUBJECT TO APPROVAL AS PER UTILITY COMPANIES DIRECTION.



SITE PLAN
SCALE : 1" = 60'-0"

ALL-POINTS TECHNOLOGY CORPORATION, P.C.	APT FILING NUMBER: CT-255T-460		T-Mobile	T-MOBILE SITE NUMBER: CTFF481
3 SADDLEBROOK DRIVE KILLINGWORTH, CT. 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	LE-2		35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
	SCALE: AS NOTED	DRAWN BY: AAJ		
	DATE: 04/01/09	CHECKED BY: SMC		

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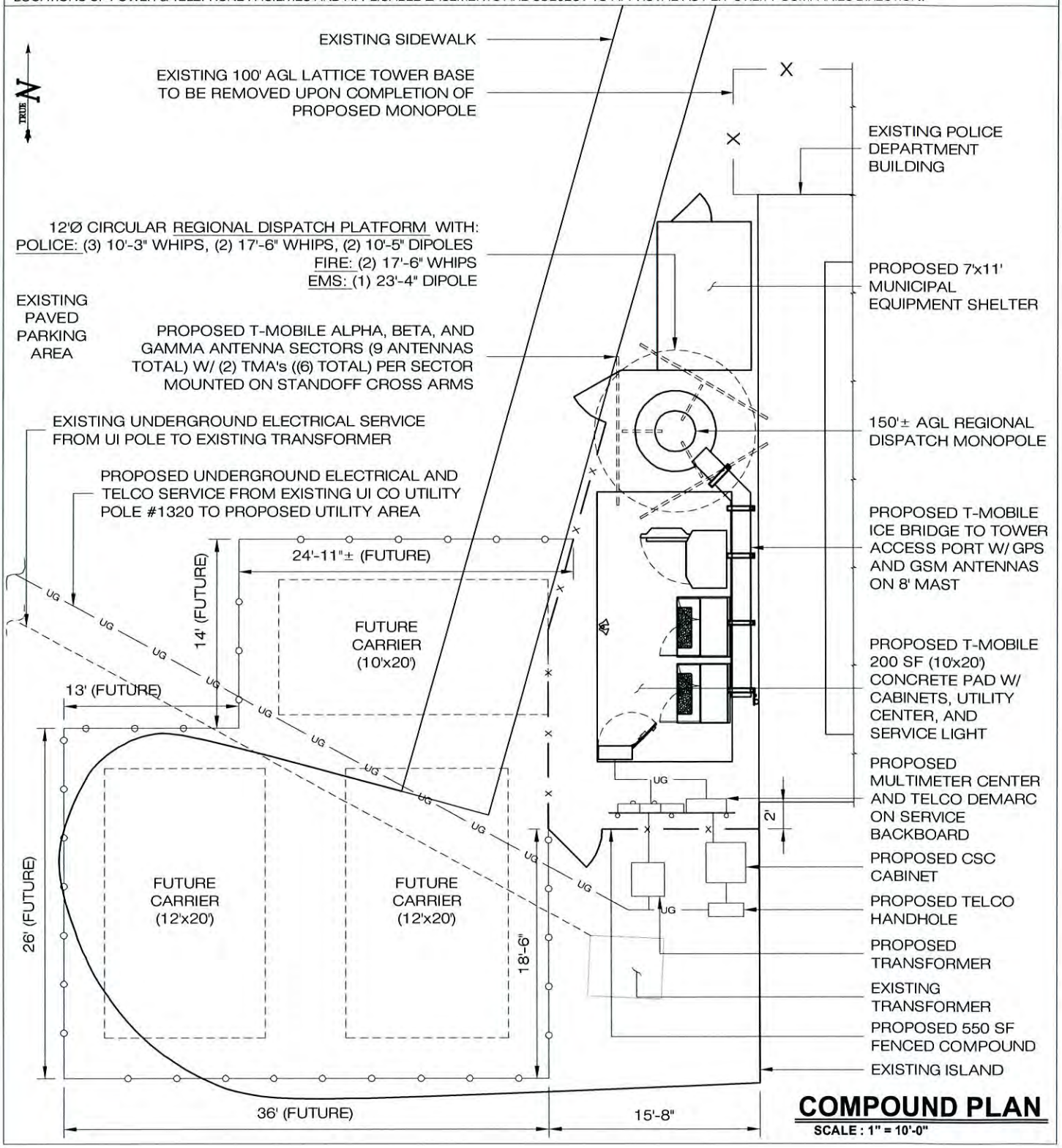

COMPOUND PLAN

SCALE : 1" = 10'-0"

ALL-POINTS TECHNOLOGY CORPORATION, P.C.	APT FILING NUMBER: CT-255T-460		T-Mobile	T-MOBILE SITE NUMBER: CTFF481
3 SADDLEBROOK DRIVE KILLINGWORTH, CT. 06419 PHONE: (860)-663-1697 FAX: (860)-663-0935 www.allpointstech.com	LE-3			
	SCALE: AS NOTED	DRAWN BY: AAJ	35 GRIFFIN ROAD BLOOMFIELD, CT 06002 OFFICE: (860)-692-7100	POLICE STA EDISON RD 158 EDISON ROAD TRUMBULL, CT 06611-4139
	DATE: 04/01/09	CHECKED BY: SMC		

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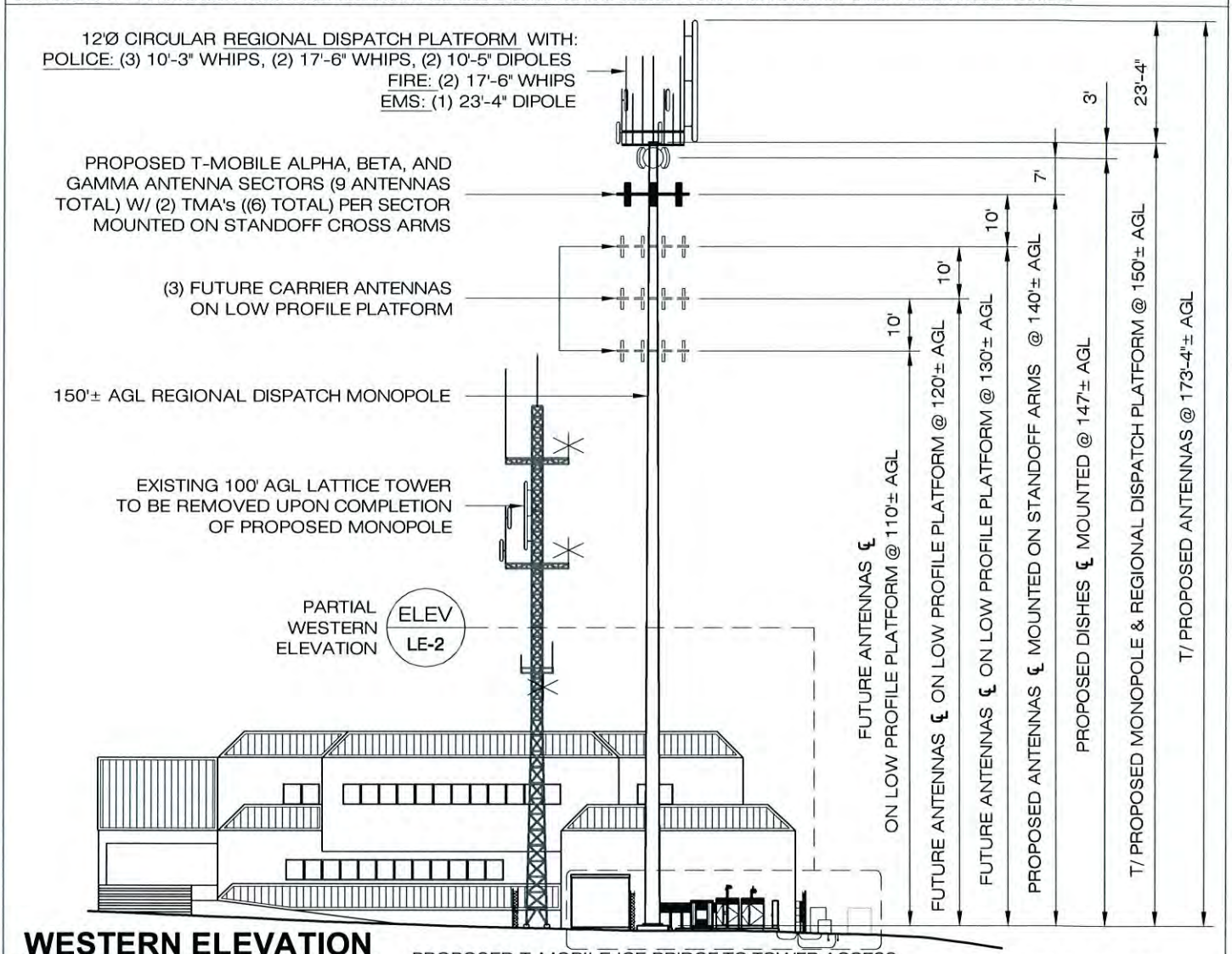
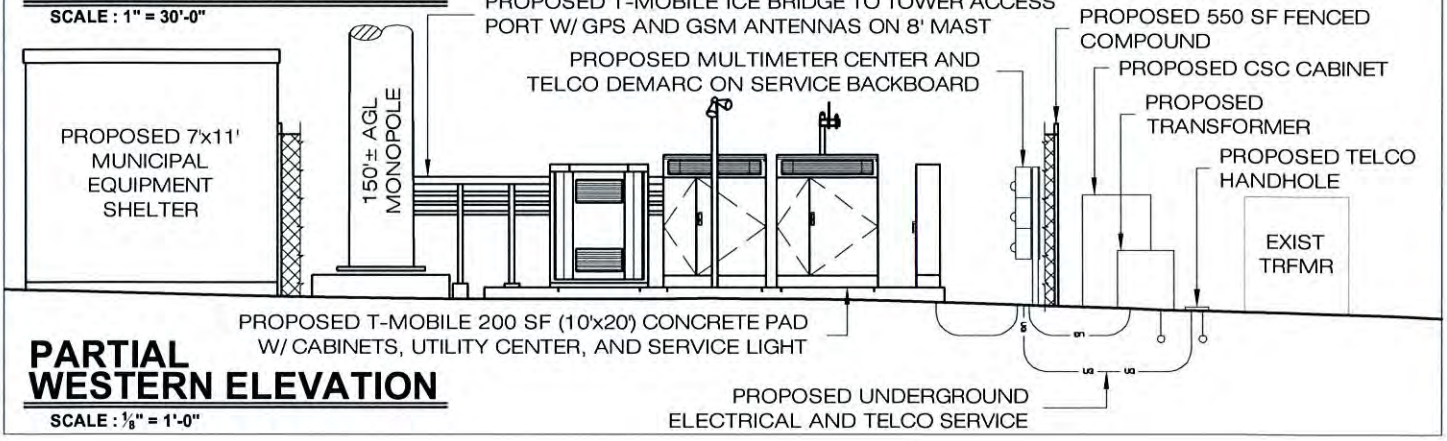


WESTERN ELEVATION

SCALE : 1" = 30'-0"



PARTIAL WESTERN ELEVATION

SCALE : 1/8" = 1'-0"

Soil Map—State of Connecticut
(Trumbull Police Dept., 158 Edison Road, Trumbull, CT)

Map Scale: 1:4,160 if printed on A size (8.5" x 11") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1,200

USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Oceans
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:4,160 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 18N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 6, Mar 22, 2007

Date(s) aerial images were photographed: 8/14/2006

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

State of Connecticut (CT600)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
3	Ridgebury, Leicester, and Whitman soils, extremely stony	3.9	6.7%
51B	Sutton fine sandy loam, 2 to 8 percent slopes, very stony	0.7	1.2%
250B	Sutton-Urban land complex, 0 to 8 percent slopes	3.1	5.3%
260B	Charlton-Urban land complex, 3 to 8 percent slopes	16.8	28.6%
260C	Charlton-Urban land complex, 8 to 15 percent slopes	9.7	16.5%
273C	Urban land-Charlton-Chatfield complex, rocky, 3 to 15 percent slopes	9.7	16.6%
284B	Paxton-Urban land complex, 3 to 8 percent slopes	6.4	10.9%
284C	Paxton-Urban land complex, 8 to 15 percent slopes	5.1	8.7%
306	Udorthents-Urban land complex	3.3	5.6%
Totals for Area of Interest		**58.6**	**100.0%**

Map Unit Description (Brief)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the selected area. The map unit descriptions in this report, along with the maps, can be used to determine the composition and properties of a unit. A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The "Map Unit Description (Brief)" report gives a brief, general description of the major soils that occur in a map unit. Descriptions of nonsoil (miscellaneous areas) and minor map unit components may or may not be included. This description is written by the local soil scientists responsible for the respective soil survey area data. A more detailed description can be generated by the "Map Unit Description" report.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief)

State of Connecticut

Description Category: SOI

Map Unit: 3—Ridgebury, Leicester, and Whitman soils, extremely stony

Ridgebury, Leicester And Whitman Soils, Extremely Stony This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 50 inches (940 to 1270 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Ridgebury soils, 35 percent Leicester soils, 15 percent Whitman soils. 10 percent minor components. Ridgebury soils This component occurs on upland drainageway and depression landforms. The parent material consists of lodgement till derived from granite, schist, and gneiss. The slope ranges from 0 to 5 percent and the runoff class is very low. The depth to a restrictive feature is 20 to 30 inches to densic material. The drainage class is poorly drained. The slowest permeability within 60 inches is about 0.00 in/hr (very slow), with about 2.5 inches (low) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 3 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 7s Typical Profile: 0 to 1 inches; slightly decomposed plant material 1 to 5 inches; fine sandy loam 5 to 14 inches; fine sandy loam 14 to 21 inches; fine sandy loam 21 to 60 inches; sandy loam Leicester soils This component occurs on upland drainageway and depression landforms. The parent material consists of melt-out till derived from granite, schist, and gneiss. The slope ranges from 0 to 5 percent and the runoff class is very low. The depth to a restrictive feature is greater than 60 inches. The drainage class is poorly drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 7.4 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 9 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 7s Typical Profile: 0 to 1 inches; moderately decomposed plant material 1 to 7 inches; fine sandy loam 7 to 10 inches; fine sandy loam 10 to 18 inches; fine sandy loam 18 to 24 inches; fine sandy loam 24 to 43 inches; gravelly fine sandy loam 43 to 65 inches; gravelly fine sandy loam Whitman soils This component occurs on upland drainageway and depression landforms. The parent material consists of lodgement till derived from gneiss, schist, and granite. The slope ranges from 0 to 2 percent and the runoff class is very low. The depth to a restrictive feature is 12 to 20 inches to densic material. The drainage class is very poorly drained. The slowest permeability within 60 inches is about 0.00 in/hr (very slow), with about 1.9 inches (very low) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is occasional. The minimum depth to a seasonal water table, when present, is about 0 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 7s Typical Profile: 0 to 1 inches; slightly decomposed plant material 1 to 9 inches; fine sandy loam 9 to 16 inches; fine sandy loam 16 to 22 inches; fine sandy loam 22 to 60 inches; fine sandy loam

Map Unit: 51B—Sutton fine sandy loam, 2 to 8 percent slopes, very stony

Sutton Fine Sandy Loam, 2 To 8 Percent Slopes, Very Stony This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 80 percent Sutton soils. 20 percent minor components. Sutton soils This component occurs on upland hill landforms. The parent material consists of melt-out till derived from granite, gneiss, and schist. The slope ranges from 2 to 8 percent and the runoff class is very low. The depth to a restrictive feature is greater than 60 inches. The drainage class is moderately well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 7.3 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 24 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 6s Typical Profile: 0 to 1 inches; moderately decomposed plant material 1 to 6 inches; fine sandy loam 6 to 12 inches; fine sandy loam 12 to 24 inches; fine sandy loam 24 to 28 inches; fine sandy loam 28 to 36 inches; gravelly fine sandy loam 36 to 65 inches; gravelly sandy loam

Map Unit: 250B—Sutton-Urban land complex, 0 to 8 percent slopes

Sutton-Urban Land Complex, 0 To 8 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Sutton soils, 35 percent Urban Land. 25 percent minor components. Sutton soils This component occurs on upland hill landforms. The parent material consists of melt-out till derived from schist, gneiss, and granite. The slope ranges from 0 to 8 percent and the runoff class is very low. The depth to a restrictive feature is greater than 60 inches. The drainage class is moderately well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 7.5 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 24 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 2w Typical Profile: 0 to 6 inches; fine sandy loam 6 to 12 inches; fine sandy loam 12 to 24 inches; fine sandy loam 24 to 28 inches; fine sandy loam 28 to 36 inches; gravelly fine sandy loam 36 to 65 inches; gravelly sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 0 to 8 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Map Unit: 260B—Charlton-Urban land complex, 3 to 8 percent slopes

Charlton-Urban Land Complex, 3 To 8 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Charlton soils, 35 percent Urban Land. 25 percent minor components. Charlton soils This component occurs on upland hill landforms. The parent material consists of melt-out till derived from granite, schist, and gneiss. The slope ranges from 3 to 8 percent and the runoff class is low. The depth to a restrictive feature is greater than 60 inches. The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 6.4 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 2e Typical Profile: 0 to 4 inches; fine sandy loam 4 to 7 inches; fine sandy loam 7 to 19 inches; fine sandy loam 19 to 27 inches; gravelly fine sandy loam 27 to 65 inches; gravelly fine sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 3 to 8 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Map Unit: 260C—Charlton-Urban land complex, 8 to 15 percent slopes

Charlton-Urban Land Complex, 8 To 15 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Charlton soils, 35 percent Urban Land. 25 percent minor components. Charlton soils This component occurs on upland hill landforms. The parent material consists of melt-out till derived from granite, schist, and gneiss. The slope ranges from 8 to 15 percent and the runoff class is low. The depth to a restrictive feature is greater than 60 inches. The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 6.4 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 3e Typical Profile: 0 to 4 inches; fine sandy loam 4 to 7 inches; fine sandy loam 7 to 19 inches; fine sandy loam 19 to 27 inches; gravelly fine sandy loam 27 to 65 inches; gravelly fine sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 8 to 15 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Map Unit: 273C—Urban land-Charlton-Chatfield complex, rocky, 3 to 15 percent slopes

Urban Land-Charlton-Chatfield Complex, Rocky, 3 To 15 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 35 percent Urban Land, 25 percent Charlton soils, 15 percent Chatfield soils. 25 percent minor components. Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 3 to 15 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8 Charlton soils This component occurs on upland hill landforms. The parent material consists of melt-out till derived from granite, schist, and gneiss. The slope ranges from 3 to 15 percent and the runoff class is low. The depth to a restrictive feature is greater than 60 inches. The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 6.4 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 3e Typical Profile: 0 to 4 inches; fine sandy loam 4 to 7 inches; fine sandy loam 7 to 19 inches; fine sandy loam 19 to 27 inches; gravelly fine sandy loam 27 to 65 inches; gravelly fine sandy loam Chatfield soils This component occurs on upland hill and ridge landforms. The parent material consists of melt-out till derived from gneiss, granite, and schist. The slope ranges from 3 to 15 percent and the runoff class is low. The depth to a restrictive feature is 20 to 40 inches to bedrock (lithic). The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 3.3 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 3e Typical Profile: 0 to 1 inches; highly decomposed plant material 1 to 6 inches; gravelly fine sandy loam 6 to 15 inches; gravelly fine sandy loam 15 to 29 inches; gravelly fine sandy loam 29 to 36 inches; unweathered bedrock

Map Unit: 284B—Paxton-Urban land complex, 3 to 8 percent slopes

Paxton-Urban Land Complex, 3 To 8 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Paxton soils, 35 percent Urban Land. 25 percent minor components. Paxton soils This component occurs on upland hill and drumlin landforms. The parent material consists of lodgement till derived from granite, gneiss, and schist. The slope ranges from 3 to 8 percent and the runoff class is medium. The depth to a restrictive feature is 20 to 40 inches to densic material. The drainage class is well drained. The slowest permeability within 60 inches is about 0.00 in/hr (very slow), with about 3.4 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 24 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 2e Typical Profile: 0 to 8 inches; fine sandy loam 8 to 15 inches; fine sandy loam 15 to 26 inches; fine sandy loam 26 to 65 inches; gravelly fine sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 3 to 8 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Map Unit: 284C—Paxton-Urban land complex, 8 to 15 percent slopes

Paxton-Urban Land Complex, 8 To 15 Percent Slopes This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 40 percent Paxton soils, 35 percent Urban Land. 25 percent minor components. Paxton soils This component occurs on upland hill and drumlin landforms. The parent material consists of lodgement till derived from granite, gneiss, and schist. The slope ranges from 8 to 15 percent and the runoff class is medium. The depth to a restrictive feature is 20 to 40 inches to densic material. The drainage class is well drained. The slowest permeability within 60 inches is about 0.00 in/hr (very slow), with about 3.4 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 24 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 3e Typical Profile: 0 to 8 inches; fine sandy loam 8 to 15 inches; fine sandy loam 15 to 26 inches; fine sandy loam 26 to 65 inches; gravelly fine sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 8 to 15 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Map Unit: 306—Udorthents-Urban land complex

Udorthents-Urban Land Complex This map unit is in the New England and Eastern New York Upland, Southern Part Connecticut Valley Major Land Resource Area. The mean annual precipitation is 32 to 50 inches (813 to 1270 millimeters) and the average annual air temperature is 45 to 55 degrees F. (7 to 13 degrees C.) This map unit is 50 percent Udorthents soils, 35 percent Urban Land. 15 percent minor components. Udorthents soils This component occurs on cut (road, railroad, etc.), railroad bed, road bed, spoil pile, urban land, fill, and spoil pile landforms. The slope ranges from 0 to 25 percent and the runoff class is medium. The depth to a restrictive feature varies, but is commonly greater than 60 inches. The drainage class is typically well drained. The slowest permeability within 60 inches is about 0.00 in/hr (very slow), with about 9.0 inches (high) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.4 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table is greater than 60 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 3e Typical Profile: 0 to 5 inches; loam 5 to 21 inches; gravelly loam 21 to 80 inches; very gravelly sandy loam Urban Land Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas. The slope ranges from 0 to 35 percent and the runoff class is very high. The Nonirrigated Land Capability Class is 8

Data Source Information

Soil Survey Area: State of Connecticut
Survey Area Data: Version 6, Mar 22, 2007

EXHIBIT L

CTFF481 - POLICE STA. EDISON RD.			
1000' RESIDENTIAL BUILDING LIST			
PARCEL ID	**STREET ADDRESS**	**BUILDING TYPE**	**DISTANCE FROM COMPOUND***
F-10-83	33 Williams Road	Single Family	900'
F-10-82	29 Williams Road	Single Family	800'
F-10-81	25 Williams Road	Single Family	720'
F-10-80	21 Williams Road	Single Family	700'
F-10-79	2 Highgate Road	Single Family	655'
F-10-74	20 Highgate Road	Single Family	815'
F-10-75	26 Highgate Road	Single Family	870'
F-10-76	32 Highgate Road	Single Family	1000'
E-10-261	5278 Main Street	Single Family	980'
E-10-260	5274 Main Street	Single Family	900'
E-10-259	5270 Main Street	Single Family	830'
E-10-258	5264 Main Street	Single Family	760'
E-10-284	42 Melrose Avenue	Single Family	745'
E-10-283	36 Melrose Avenue	Single Family	740'
E-10-282	30 Melrose Avenue	Single Family	805'
E-10-280	26 Melrose Avenue	Single Family	945'
E-10-278	18 Melrose Avenue	Single Family	940'
E-10-292	225 Edison Road	Single Family	900'
E-10-291	231 Edison Road	Single Family	975'
E-10-34	8 Plymouth Avenue	Single Family	900'
E-10-35	16 Plymouth Avenue	Single Family	965'
E-10-117	38 Killian Avenue	Single Family	970'
E-10-118	32 Killian Avenue	Single Family	930'
E-10-119	24 Killian Avenue	Single Family	860'
E-10-120	16 Killian Avenue	Single Family	815'
E-10-239	5255 Main Street	Single Family	725'
E-10-241	5241 Main Street	Single Family	570'
E-10-121	9 Killian Avenue	Single Family	650'
E-10-122	15 Killian Avenue	Single Family	865'
E-10-123	23 Killian Avenue	Single Family	740'
E-10-124	37 Killian Avenue	Single Family	825'
E-10-127	47 Killian Avenue	Single Family	945'
E-10-242	5225 Main Street	Single Family	500'
E-10-81	20 Chestnut Hill Road	Single Family	600'
E-10-79	24 Chestnut Hill Road	Single Family	705'
E-10-78	30 Chestnut Hill Road	Single Family	780'
E-10-77	36 Chestnut Hill Road	Single Family	850'
E-10-76	44 Chestnut Hill Road	Single Family	925'
E-10-243	5207 Main Street	Single Family	535'
E-10-82	17 Chestnut Hill Road	Single Family	585'
E-10-83	23 Chestnut Hill Road	Single Family	670'
E-10-211	7 Parkway Drive	Single Family	740'
E-10-244	5199 Main Street	Single Family	550'
E-10-212	19 Parkway Drive	Single Family	725'
E-10-245	5189 Main Street	Single Family	570'
E-10-213	27 Parkway Drive	Single Family	735'

E-10-246	5179 Main Street	Single Family	585'
E-10-214	29 Parkway Drive	Single Family	740'
E-10-247	5175 Main Street	Single Family	650'
E-10-215	31 Parkway Drive	Single Family	850'
E-10-216	43 Parkway Drive	Single Family	920'
E-10-266	5167 Main Street	Single Family	640'
E-10-84	37 Chestnut Hill Road	Single Family	875'
E-10-85	43 Chestnut Hill Road	Single Family	935'
E-10-210	18 Parkway Drive	Single Family	885'
E-10-209	26 Parkway Drive	Single Family	890'
E-10-208	44 Parkway Drive	Single Family	950'
E-10-257	5254 Main Street	Single Family	630'
E-10-256	5242 Main Street	Single Family	550'
E-10-255	5238 Main Street	Single Family	470'
E-10-285	43 Melrose Avenue	Single Family	580'
E-10-286	39 Melrose Avenue	Single Family	580'
E-10-287	37 Melrose Avenue	Single Family	590'
E-10-288	33 Melrose Avenue	Single Family	615'
E-10-289	31 Melrose Avenue	Single Family	695'
E-10-290	17 Melrose Avenue	Single Family	765'
E-10-293	11 Melrose Avenue	Single Family	750'
E-10-294	203 Edison Road	Single Family	690'
E-10-296	197 Edison Road	Single Family	620'
E-10-297	183 Edison Road	Single Family	500'
E-10-298	171 Edison Road	Single Family	350'
E-10-299	159 Edison Road	Single Family	300'
E-10-300	153 Edison Road	Single Family	300'
E-10-301	147 Edison Road	Single Family	400'
E-10-305	180 Edison Road	Single Family	390'
E-10-306	192 Edison Road	Single Family	550'
E-10-307	200 Edison Road	Single Family	675'
E-10-349	220 Edison Road	Single Family	830'
F-10-311	234 Edison Road	Single Family	960'
F-10-69	37 Highgate Road	Single Family	955'
F-10-70	33 Highgate Road	Single Family	880'
F-10-71	25 Highgate Road	Single Family	790'
F-10-72	15 Highgate Road	Single Family	680'
F-10-78	15 Williams Road	Single Family	595'
E-10-308	9 Williams Road	Single Family	520'
E-10-310	5 Koger Road	Single Family	400'
E-10-311	9 Koger Road	Single Family	400'
E-10-312	11 Koger Road	Single Family	390'
E-10-313	15 Koger Road	Single Family	400'
E-10-314	17 Koger Road	Single Family	425'
E-10-315	21 Koger Road	Single Family	455'
E-10-316	25 Koger Road	Single Family	495'
E-10-317	29 Koger Road	Single Family	560'
E-10-318	35 Koger Road	Single Family	670'
F-10-119	37 Koger Road	Single Family	730'
F-10-120	41 Koger Road	Single Family	800'
F-10-121	45 Koger Road	Single Family	865'
F-10-122	47 Koger Road	Single Family	930'

F-10-123	51 Koger Road	Single Family	995'
F-10-114	38 Williams Road	Single Family	910'
F-10-115	34 Williams Road	Single Family	820'
F-10-116	32 Williams Road	Single Family	720'
F-10-117	28 Williams Road	Single Family	650'
F-10-118	20 Williams Road	Single Family	540'
F-10-126	44 Koger Road	Single Family	950'
F-10-125	40 Koger Road	Single Family	890'
F-10-124	36 Koger Road	Single Family	830'
E-10-319	34 Koger Road	Single Family	765'
E-10-320	32 Koger Road	Single Family	715'
E-10-321	30 Koger Road	Single Family	645'
E-10-322	26 Koger Road	Single Family	455'
E-10-334	15 Merwin Street	Single Family	420'
E-10-336	21 Merwin Street	Single Family	405'
E-10-338	29 Merwin Street	Single Family	410'
E-10-339	31 Merwin Street	Single Family	400'
E-10-248	5164 Main Street	Single Family	500'
E-10-250	5172 Main Street	Single Family	455'
E-10-362	5174 Main Street	Single Family	400'
E-10-361	5182 Main Street	Single Family	410'
E-10-363	5188 Main Street	Single Family	360'
E-10-253	5192 Main Street	Single Family	300'
E-10-254	5196 Main Street	Single Family	320'
E-10-302	5218 Main Street	Res/Office	295'
E-10-303	142 Edison Road	Single Family	195'
E-10-342	65 Merwin Street	Single Family	155'
E-10-311	35 Merwin Street	Single Family	190'
E-10-340	33 Merwin Street	Single Family	300'
E-10-329	2 Koger Road	Single Family	275'
E-10-328	6 Koger Road	Single Family	245'
E-10-327	8 Koger Road	Single Family	215'
E-10-326	10 Koger Road	Single Family	235'
E-10-325	14 Koger Road	Single Family	255'
E-10-324	18 Koger Road	Single Family	310'
E-10-331	12 Merwin Street	Single Family	275'
E-10-332	16 Merwin Street	Single Family	270'
E-10-333	20 Merwin Street	Single Family	240'
*	Information taken from the Town of Trumbull Assessment Mapping (Maps E-10, E-11, and F-10) and Digital Global 2010 Digital Orthophotographs, 2011 Microsoft Bing Maps™, and 2011 Google Earth™.		

EXHIBIT M

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

RE: APPLICATION BY T-MOBILE NORTHEAST LLC FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR A TELECOMMUNICATIONS FACILITY AT 158 EDISON ROAD IN THE TOWN OF TRUMBULL, CONNECTICUT

DOCKET NO. _____

Date: December 22, 2010

AFFIDAVIT OF MICHAEL P. LIBERTINE REGARDING BALLOON FLOAT FOR VISUAL ANALYSIS REPORT

I, Michael P. Libertine, do hereby declare and state:

1. I am over the age of 18 years, and believe in the obligation of an oath.

2. I am the Director of Environmental Services for Vanasse Hangen Brustlin, INC. ("VHB").

3. I have personal knowledge of the above-captioned Application for a Certificate of Environmental Compatibility and Public Need, to be filed with the Connecticut Siting Council ("Application") by T-Mobile Northeast LLC ("T-Mobile"), as well as the specific events attested to in this affidavit.

4. T-Mobile retained VHB to provide a Visual Analysis Report and a wetlands compliance analysis for the proposed telecommunications facility at 158 Edison Road, Trumbull, Connecticut ("Facility").

5. On March 2 and 17, 2010, I oversaw and/or supervised balloon floats at the site of the Facility.

6. The purpose of the balloon floats was to confirm the results of the predictive computer modeling, conducted by VHB, of the Facility's potential viewshed within a two-mile radius of the Facility.

7. VHB tethered a helium-filled weather balloon, approximately four feet in diameter, at the site of the proposed Facility, at a height of 150 and 173 feet above grade level.

8. The balloon was aloft from approximately 8 a.m. until 2 p.m. on both days.

9. On March 2 and 17, 2010, the weather conditions were sunny (approximately 35 degrees Fahrenheit) and clear, with mostly calm wind conditions. These are favorable conditions for a balloon float.

10. Once the balloon was aloft and stabilized, VHB conducted an in-field reconnaissance of the Study Area. VHB performed this in-field reconnaissance to confirm the predictive computer modeling of the Facility's visibility within the Study Area, document and inventory areas of visibility, and obtain photographs from select locations.

11. During the in-field reconnaissance, VHB took photographs of the site of the proposed Facility from public areas located within the Study Area. VHB focused on residential areas and other potential sensitive visual receptors. VHB also recorded the latitude and longitude of each photograph using a handheld global positioning system (GPS) receiver unit. The photographs were taken using a Canon Digital Rebel camera body and Canon 18 to 55 millimeter lens. VHB set the lens to 50 millimeters, which most accurately represents the unaided human eye.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2nd day of December, 2010.

Michael P. Libertine

Sworn and subscribed to before me this
2nd day of December, 2010.

Notary Public
My Commission expires

KRISTINE M. PAUL
NOTARY PUBLIC
MY COMMISSION EXPIRES JAN. 31, 2014

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STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

RE: APPLICATION BY T-MOBILE NORTHEAST LLC FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR A TELECOMMUNICATIONS FACILITY AT 158 EDISON ROAD IN THE TOWN OF TRUMBULL, CONNECTICUT

DOCKET NO. _____

Date: December 22, 2010

AFFIDAVIT OF MICHAEL P. LIBERTINE REGARDING BALLOON FLOAT AT THE REQUEST OF THE STATE HISTORIC PRESERVATION OFFICE

I, Michael P. Libertine, do hereby declare and state:

1. I am over the age of 18 years, and believe in the obligation of an oath.

2. I am the Director of Environmental Services for Vanasse Hangen Brustlin, INC. ("VHB").

3. I have personal knowledge of the above-captioned Application for a Certificate of Environmental Compatibility and Public Need, to be filed with the Connecticut Siting Council ("Application") by T-Mobile Northeast LLC ("T-Mobile"), as well as the specific events attested to in this affidavit.

4. T-Mobile retained VHB to coordinate with the State Historic Preservation Office to assist in complying with the National Environmental Policy Act (NEPA) requirements in association with the proposed telecommunications facility at 158 Edison Road, Trumbull, Connecticut ("Facility").

5. On May 11, 2010, VHB conducted a balloon float at the site of the Facility.

6. The purpose of the balloon float was to allow the State Historic Preservation Office ("SHPO") to evaluate the potential visibility of the proposed Facility from areas of historic interest.

7. The focus of the balloon float was the potential visual impact of the proposed Facility on the Merritt Parkway (Route 15).

8. VHB tethered a helium-filled weather balloon, approximately four feet in diameter, at the site of the proposed Facility, at a height of 150 and 173 feet above grade level.

9. The balloon was aloft from approximately 9 a.m. until 10:30 p.m.

10. On March 11, 2010, the weather conditions were sunny and clear, with mostly calm wind conditions. These are favorable conditions for a balloon float.

11. Once the balloon was aloft and stabilized, representatives of SHPO and VHB conducted an in-field reconnaissance focusing on the Merritt Parkway.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 22nd day of December, 2010.

Michael P. Libertine

Sworn and subscribed to before me this
22nd day of December, 2010.

Kristine M. Paul

Notary Public
My Commission expires

KRISTINE M. PAUL
NOTARY PUBLIC
MY COMMISSION EXPIRES JAN. 31, 2014

Visual Resource Evaluation Report

Proposed Wireless Telecommunications Facility

CTFF481
158 Edison Road
Trumbull, Connecticut

Prepared for T-Mobile

Prepared by *VHB*/Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457

July 2011

Visual Resource Evaluation

T-Mobile Northeast, LLC, dba T-Mobile, seeks approval from the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need for the construction of a wireless telecommunications facility ("Facility") to be located on municipally-owned property at 158 Edison Road, in the Town of Trumbull, Connecticut (identified herein as the "host property"). The proposed Facility would replace an existing 100-foot tall lattice tower located on the host property. The existing lattice tower is currently utilized by the town of Trumbull's emergency services. This Visual Resource Evaluation was conducted to assess the visibility of the proposed Facility within a two-mile radius ("Study Area"). The Study Area includes land located in the neighboring municipalities of Bridgeport, Easton and Fairfield, Connecticut. Attachment A contains a photograph of the proposed project area. Attachment A also contains a map that depicts the location of the proposed Facility and the limits of the Study Area.

Project Introduction

The proposed Facility includes the installation of a 150-foot tall monopole designed to accommodate multiple antenna arrays. The town of Trumbull plans to relocate its emergency services antennas to the top of the proposed Facility for a total height of approximately 171.5 feet above ground level (AGL). Both the proposed monopole and associated ground equipment would be situated within a fence-enclosed compound located at the base of the tower. The proposed Facility is located at approximately 321 feet Above Mean Sea Level ("AMSL"). Access to the Facility would be provided via an existing paved parking area located on the host property.

Site Description and Setting

Identified in the Town of Trumbull land records as Map E10/ Lot 304, the host property consists of approximately 2.3 acres of land and is currently occupied by the Town of Trumbull Police Department building and associated parking area. The proposed Facility would be located along the southwest portion of the building. Land use in the immediate vicinity of the host property consists of medium-density residential development; various commercial uses located along Main Street to the west of the proposed Facility; and roadway infrastructure associated with Route 15 (Merritt Parkway) to the south. State numbered routs, in addition to segments of Route 15 (Merritt Parkway), contained within the Study Area include portions of Route 25 and Route 127. In total, the Study Area features approximately 202 linear miles of roadways.

The topography within the Study Area is characterized by gently rolling hills with ground elevations that range from approximately 85 feet AMSL to approximately 490 feet AMSL. The Study Area contains approximately 164 acres of surface water which includes portions of the Canoe Brook Lake located to the northwest of the proposed Facility and Lake Forest located to the southeast. The tree cover within the Study Area consists mainly of mixed deciduous hardwood species. The tree canopy occupies approximately 4,096 acres of the

8,042-acre study area (51%). During the in-field activities associated with this analysis, an infrared laser range finder was used to determine the average tree canopy height throughout the Study Area. Numerous trees were selected for measurement and the average tree canopy was determined to be 60 feet.

METHODOLOGY

In order to better represent the visibility associated with the Facility, VHB uses a two-fold approach incorporating both a predictive computer model and in-field analysis. The predictive model is employed to assess potential visibility throughout the entire Study Area, including private property and/or otherwise inaccessible areas for field verification. A "balloon float" and Study Area drive-through reconnaissance are also conducted to obtain locational and height representations, back-check the initial computer model results and provide documentation from publicly accessible areas. Results of both activities are analyzed and incorporated into the final viewshed map. A description of the methodologies used in the analysis is provided below.

Visibility Analysis

Using ESRI's ArcView® Spatial Analyst, a computer modeling tool, the areas from where the top of the Facility is expected to be visible are calculated. This is based on information entered into the computer model, including Facility height, its ground elevation, the surrounding topography and existing vegetation. Data incorporated into the predictive model includes a digital elevation model (DEM) and a digital forest layer for the Study Area. The DEM was derived from the Connecticut LiDAR-based digital elevation data. The LiDAR data was produced by the University of Connecticut Center for Land Use Education and Research (CLEAR) in 2007 and has a horizontal resolution of 10 feet. In order to create the forest layer, digital aerial photographs of the Study Area are incorporated into the computer model. The mature trees and woodland areas depicted on the aerial photos are manually traced in ArcView® GIS and then converted into a geographic data layer. The aerial photographs were produced in 2006 and have a pixel resolution of one foot.

Once the data are entered, a series of constraints are applied to the computer model to achieve an estimate of where the Facility will be visible. Initially, only topography was used as a visual constraint; the tree canopy is omitted to evaluate all areas of potential visibility without any vegetative screening. Although this is an overly conservative prediction, the initial omission of these layers assists in the evaluation of potential seasonal visibility of the proposed Facility. The average height of the tree canopy was determined in the field using a laser range finder. The average tree canopy height is incorporated into the final view shed map; in this case, 60 feet was identified as the average tree canopy height. The forested areas within the Study Area were then overlaid on the DEM with a height of 60 feet added and the visibility calculated. As a final step, the forested areas are extracted from the areas of visibility, with the assumption that a person standing among the trees will not be able to

view the Facility beyond a distance of approximately 500 feet. Depending on the density of the vegetation in these areas, it is assumed that some locations within this range will provide visibility of at least portions of the Facility based on where one is standing.

Also included on the map is a data layer, obtained from the State of Connecticut Department of Environmental Protection ("CTDEP"), which depicts various land and water resources such as parks and forests, recreational facilities, dedicated open space, CTDEP boat launches and other categories. Lastly, based on both a review of published information and discussions with municipal officials in Trumbull, Easton, Bridgeport and Fairfield, it was determined that the segment of Route 15 (Merritt Parkway) contained within the Study Area is a National Scenic By-Way and South Park Avenue, which traverses the northwest portion of the Study Area, is a locally-designated scenic road within the Town of Easton. These roadways are depicted on the view shed map contained in attachment B.

A preliminary view shed map (using topography only) is used during the in-field activity to assist in determining if significant land use changes have occurred since the aerial photographs used in this analysis were produced and to compare the results of the computer model with observations of the balloon float. Information obtained during the reconnaissance was then incorporated into the final visibility map.

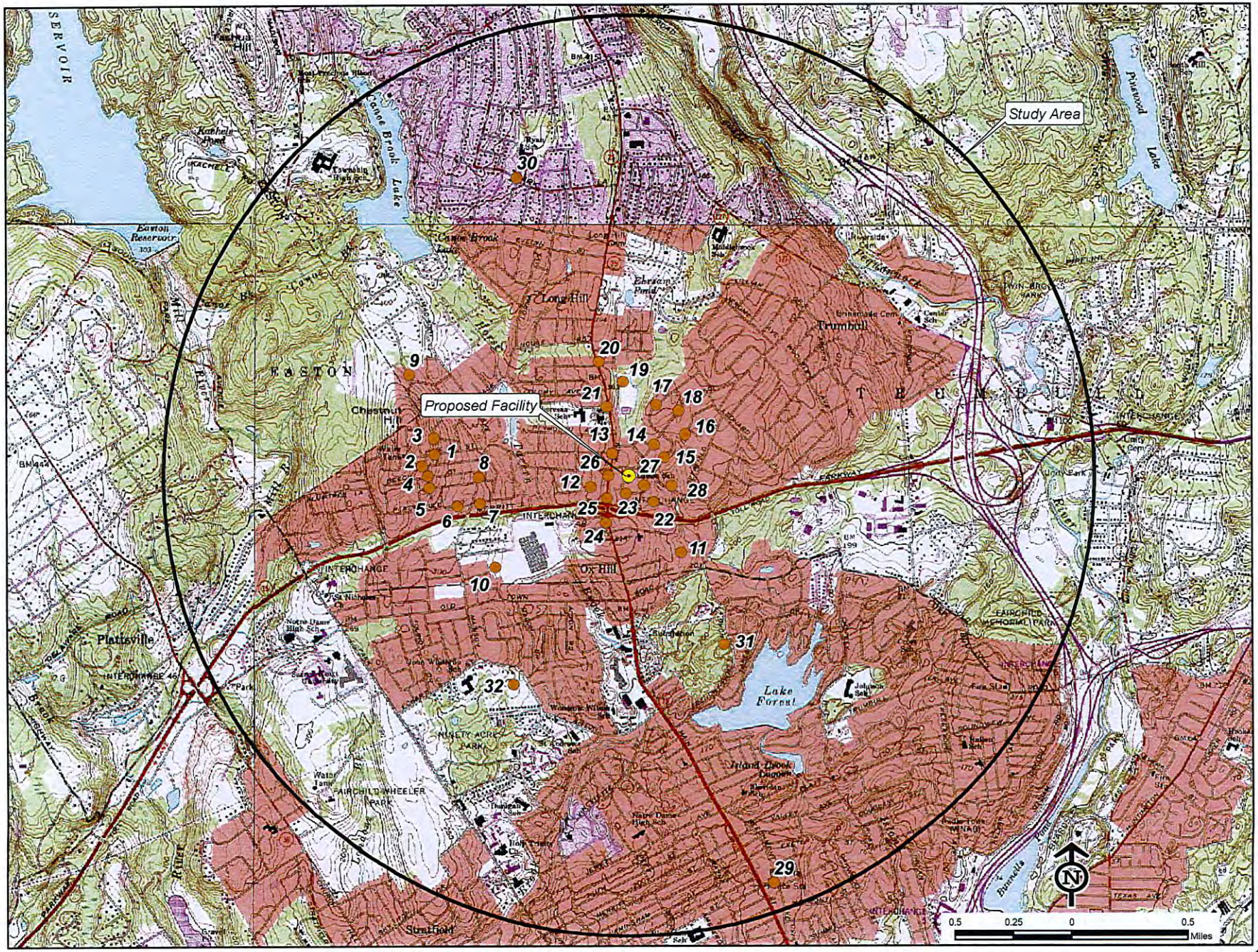
Balloon Float and Study Area Reconnaissance

On March 2, 2010 and March 17, 2010 Vanasse Hangen Brustlin Inc., (VHB) conducted balloon floats at the proposed Facility location to further evaluate the potential viewshed within the Study Area. The balloon floats consisted of raising and maintaining two helium-filled weather balloons (measuring approximately four-foot diameter) at the proposed site location at heights of 150 feet AGL and 173 feet AGL. As noted previously in the is document, the proposed monopole is 150 feet tall, but includes several emergency services antennas that would extend to an overall height of approximately 171.5 feet AGL. Once the balloons were secured, VHB staff conducted a drive-by reconnaissance along the roads located within the Study Area with an emphasis on nearby residential areas and other potential sensitive receptors in order to evaluate the results of the preliminary viewshed map and to document where the balloon was, and was not, visible above and/or through the tree canopy. During both balloon floats, temperatures were approximately 35 degrees Fahrenheit with mostly calm wind conditions and sunny skies.

Photographic Documentation

During the balloon float, VHB personnel drove the public road system within the Study Area to inventory those areas where the balloon was and was not visible. The balloon was photographed from a number of different vantage points to document the actual view towards the proposed Facility. Several photographs where the balloon was not visible are also included. The locations of the photos are described below:

PHOTOLOG MAP



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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	PINE STREET ADJACENT TO HOUSE #44	SOUTHEAST	0.84 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	PINE STREET ADJACENT TO HOUSE #44	SOUTHEAST	0.84 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	HICKORY STREET AT TURNER AVENUE	SOUTHEAST	0.89 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	HICKORY STREET AT TURNER AVENUE	SOUTHEAST	0.89 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	FROST HILL ROAD AT SPRUCE STREET	SOUTHEAST	0.87 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	FROST HILL ROAD AT SPRUCE STREET	SOUTHEAST	0.87 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	TURNER STREET AT BEECH STREET	EAST	0.86 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	TURNER STREET AT BEECH STREET	EAST	0.86 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	MAPLE STREET AT TURNER AVENUE	NORTHEAST	0.85 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
5	MAPLE STREET AT TURNER AVENUE	NORTHEAST	0.85 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	PLATTSVILLE ROAD ADJACENT TO HOUSE #866	NORTHEAST	0.75 MILE +/-	YEAR-ROUND

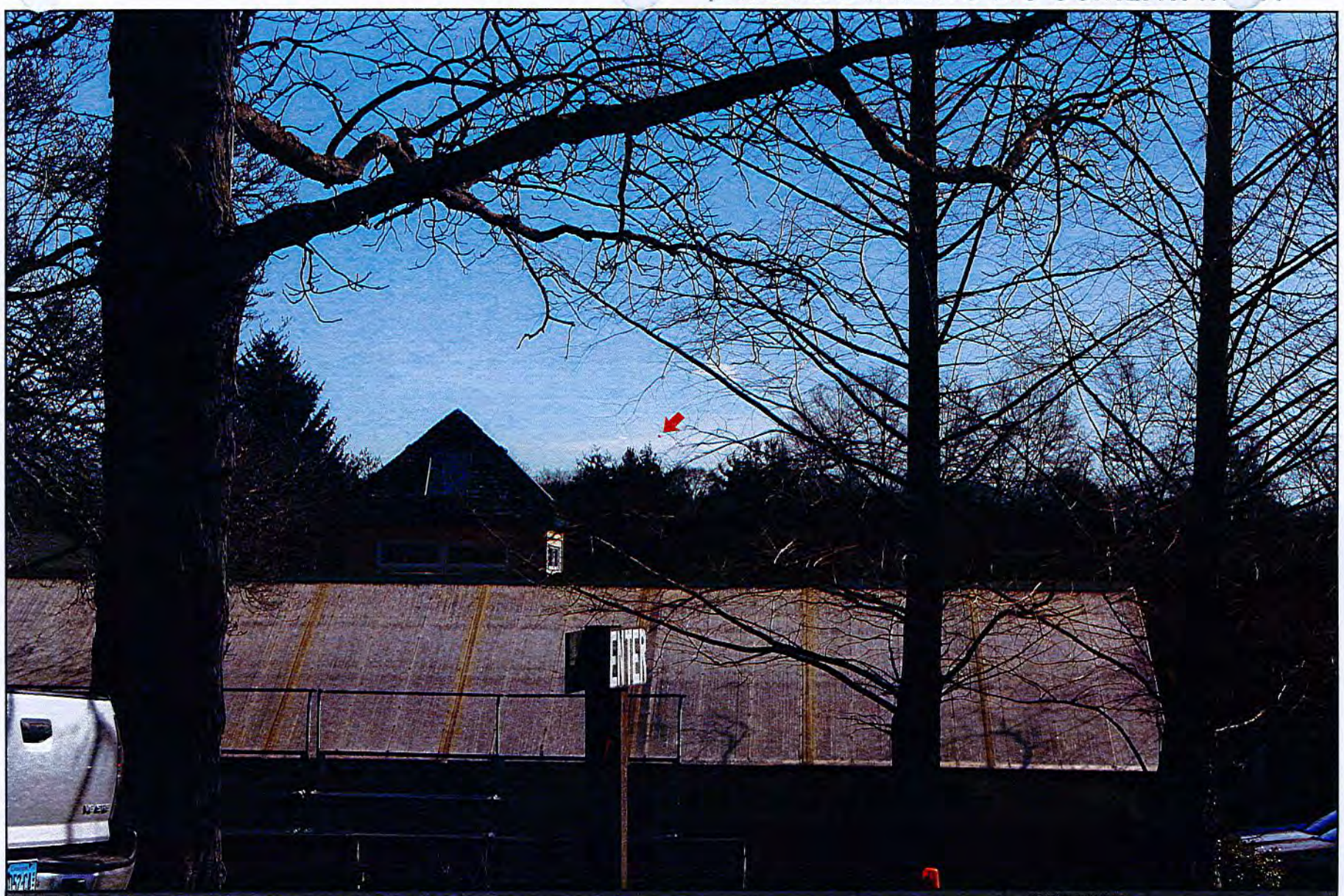
PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
6	PLATTSVILLE ROAD ADJACENT TO HOUSE #866	NORTHEAST	0.75 MILE +/-	YEAR-ROUND

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
7	CHATFIELD ROAD ADJACENT TO HOUSE #8	NORTHEAST	0.64 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
7	CHATFIELD ROAD ADJACENT TO HOUSE #8	NORTHEAST	0.64 MILE +/-	YEAR-ROUND



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	MADISON AVENUE ADJACENT TO HOUSE #4244 (THE GARDEN EXCHANGE)	EAST	0.64 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
8	MADISON AVENUE ADJACENT TO HOUSE #4244 (THE GARDEN EXCHANGE)	EAST	0.64 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
9	WEST WIND ROAD ADJACENT TO HOUSE #9	SOUTHEAST	1.03 MILES +/-	SEASONAL

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
9	WEST WIND ROAD ADJACENT TO HOUSE #9	SOUTHEAST	1.03 MILES +/-	SEASONAL

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	TRUMBULL MALL PARKING AREA	NORTHEAST	0.70 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
10	TRUMBULL MALL PARKING AREA	NORTHEAST	0.70 MILE +/-	YEAR-ROUND

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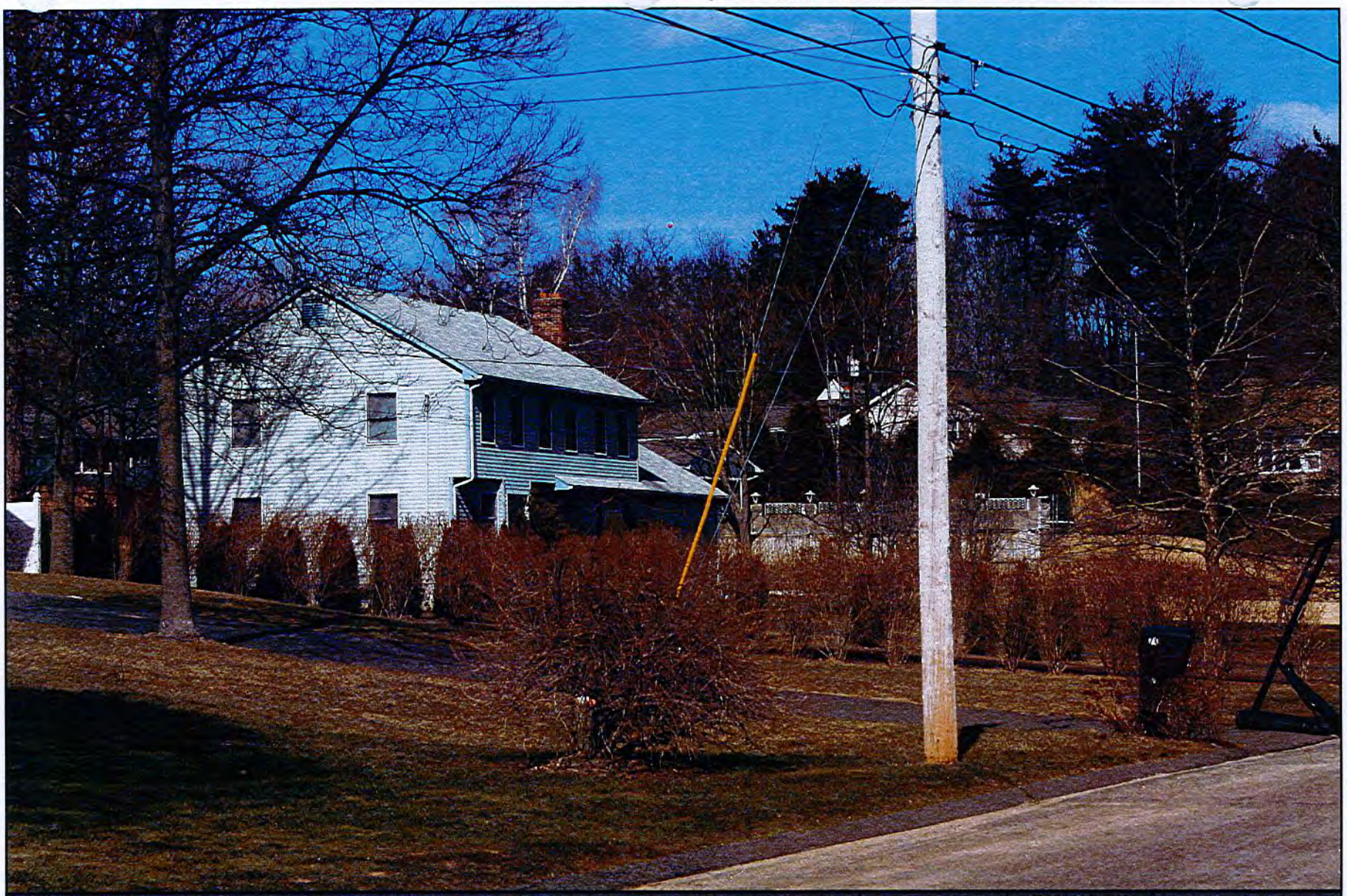
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
11	BONNIE VIEW DRIVE ADJACENT TO HOUSE #77	NORTHWEST	0.41 MILE +/-	SEASONAL

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
11	BONNIE VIEW DRIVE ADJACENT TO HOUSE #77	NORTHWEST	0.41 MILE +/-	SEASONAL

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
12	PARKWAY DRIVE ADJACENT TO HOUSE #29	NORTHEAST	0.17 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
12	PARKWAY DRIVE ADJACENT TO HOUSE #29	NORTHEAST	0.17 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
13	KILLIAN AVENUE AT MAIN STREET	SOUTHEAST	0.12 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
13	KILLIAN AVENUE AT MAIN STREET	SOUTHEAST	0.12 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
14	EDISON ROAD ADJACENT TO HOUSE #220	SOUTHWEST	0.18 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
14	EDISON ROAD ADJACENT TO HOUSE #220	SOUTHWEST	0.18 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
15	HIGHGATE ROAD ADJACENT TO HOUSE #32	SOUTHWEST	0.18 MILE +/-	SEASONAL

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
15	HIGHGATE ROAD ADJACENT TO HOUSE #32	SOUTHWEST	0.18 MILE +/-	SEASONAL

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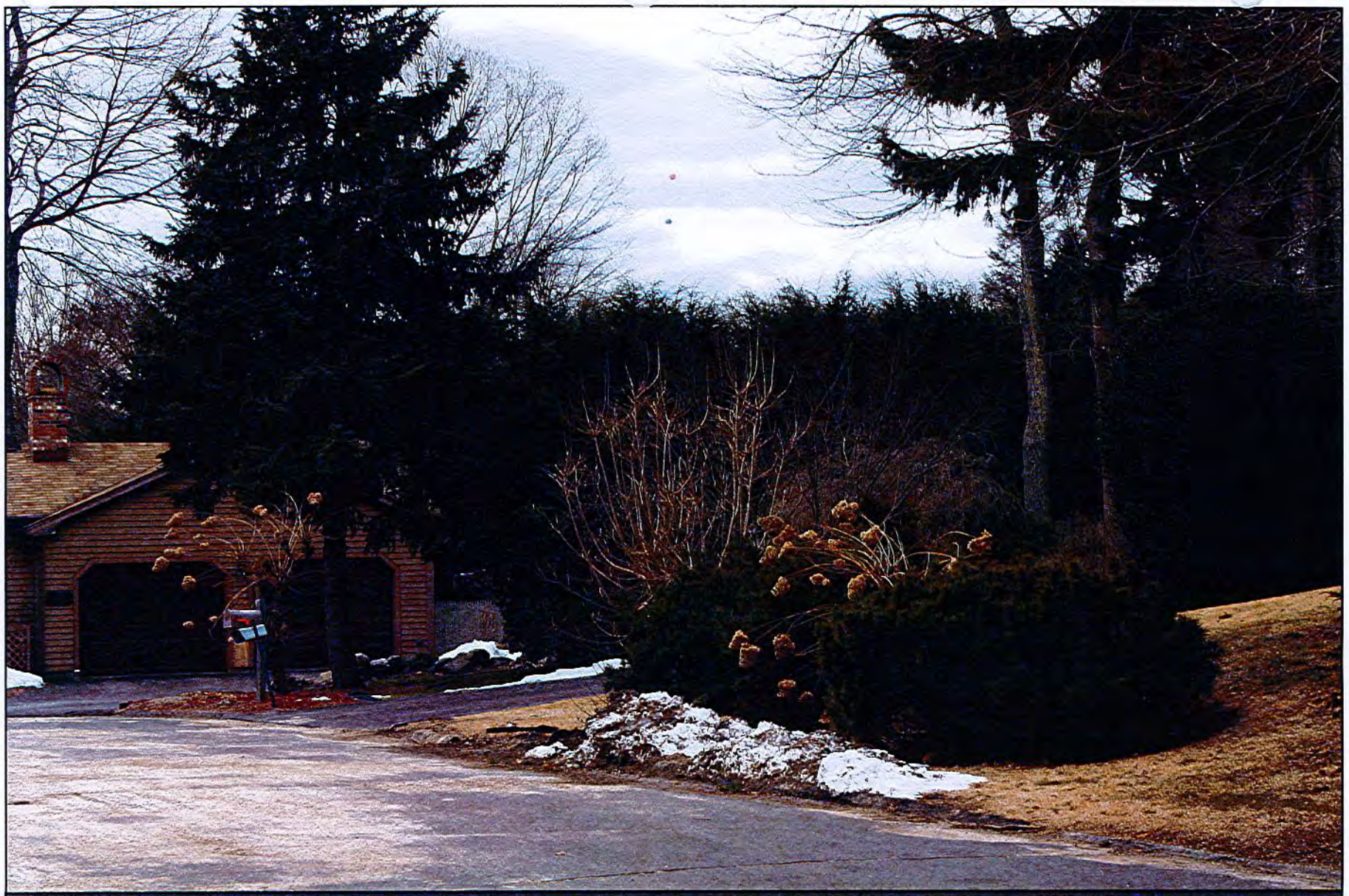
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
16	ELAINE STREET ADJACENT TO HOUSE #35	SOUTHWEST	0.30 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
16	ELAINE STREET ADJACENT TO HOUSE #35	SOUTHWEST	0.30 MILE +/-	YEAR-ROUND

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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
17	WOODBRIDGE CIRCLE ADJACENT TO HOUSE #31	SOUTHWEST	0.33 MILE +/-	SEASONAL

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
17	WOODBRIDGE CIRCLE ADJACENT TO HOUSE #31	SOUTHWEST	0.33 MILE +/-	SEASONAL

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
18	EDISON ROAD ADJACENT TO HOUSE #301	SOUTHWEST	0.33 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
18	EDISON ROAD ADJACENT TO HOUSE #301	SOUTHWEST	0.33 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
19	ISLAND BROOK PARK	SOUTHEAST	0.40 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
19	ISLAND BROOK PARK	SOUTHEAST	0.40 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
20	WILMOT AVENUE AT MAIN STREET	SOUTHEAST	0.50 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
20	WILMOT AVENUE AT MAIN STREET	SOUTHEAST	0.50 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
21	ROSELAND TERRACE AT MAIN STREET	SOUTHEAST	0.31 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
21	ROSELAND TERRACE AT MAIN STREET	SOUTHEAST	0.31 MILE +/-	YEAR-ROUND

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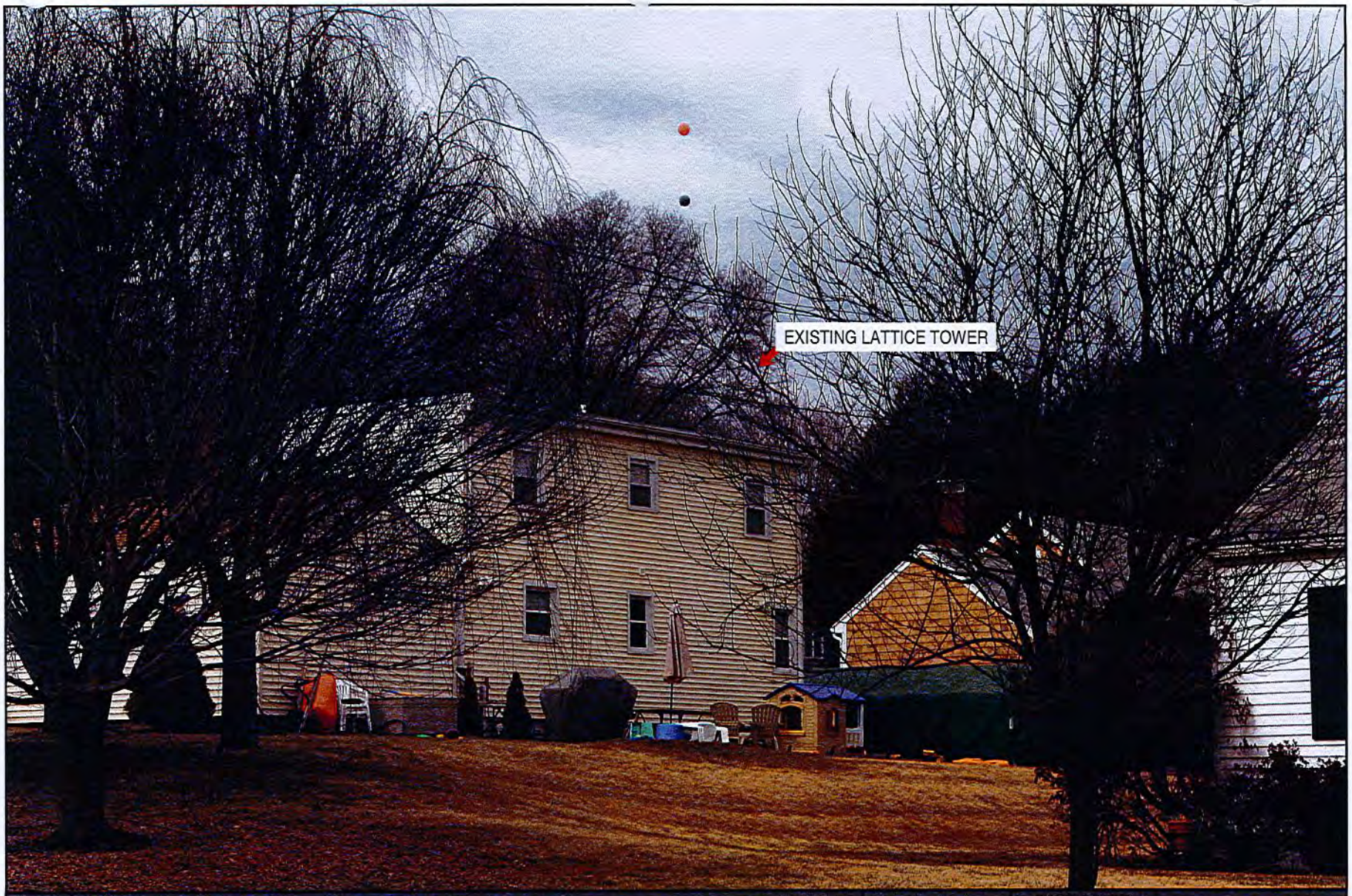
PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
22	KOGER ROAD ADJACENT TO HOUSE #35	NORTHWEST	0.15 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
22	KOGER ROAD ADJACENT TO HOUSE #35	NORTHWEST	0.15 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
23	MERWIN STREET ADJACENT TO HOUSE #20	NORTH	0.07 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
23	MERWIN STREET ADJACENT TO HOUSE #20	NORTH	0.07 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
24	MAIN STREET AT ROUTE 15 (MERRITT PARKWAY) INTERCHANGE 49	NORTHEAST	0.23 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
24	MAIN STREET AT ROUTE 15 (MERRITT PARKWAY) INTERCHANGE 49	NORTHEAST	0.23 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
25	MAIN STREET ADJACENT TO HOUSE #5167	NORTHEAST	0.13 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
25	MAIN STREET ADJACENT TO HOUSE #5167	NORTHEAST	0.13 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPH TAKEN AT 24mm

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
26	MAIN STREET SOUTH OF CHESTNUT HILL ROAD	EAST	0.09 MILE +/-	YEAR-ROUND

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VHB

PHOTOGRAPHIC SIMULATION

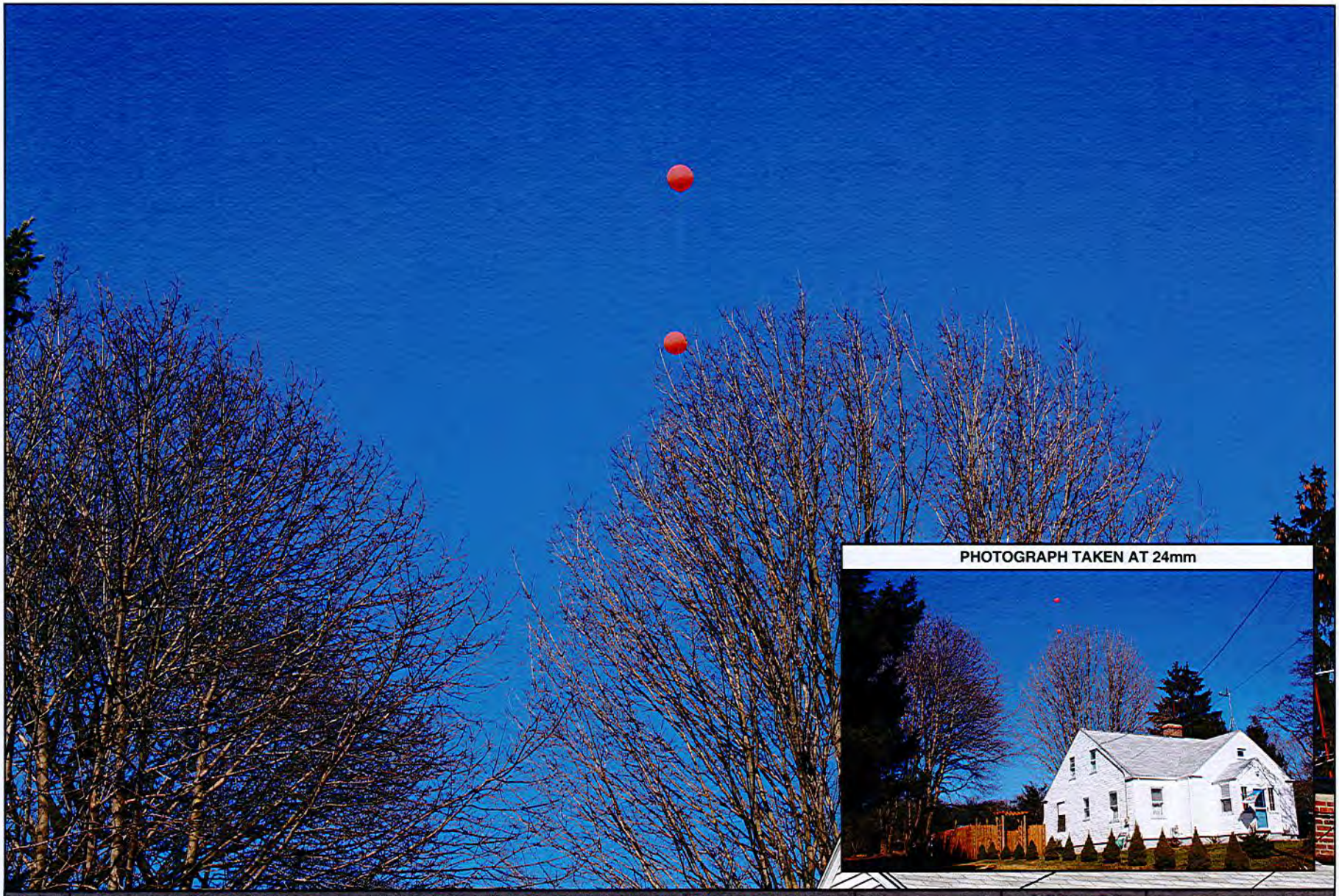
PHOTOGRAPH TAKEN AT 24mm

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
26	MAIN STREET SOUTH OF CHESTNUT HILL ROAD	EAST	0.09 MILE +/-	YEAR-ROUND

T··Mobile·

VHB

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
27	KOGER ROAD ADJACENT TO HOUSE #17	NORTHWEST	0.08 MILE +/-	YEAR-ROUND

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VHB

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
27	KOGER ROAD ADJACENT TO HOUSE #17	NORTHWEST	0.08 MILE +/-	YEAR-ROUND

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VHB

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
28	WILLIAMS ROAD ADJACENT TO HOUSE #39	NORTHWEST	0.19 MILE +/-	SEASONAL

PHOTOGRAPHIC SIMULATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
28	WILLIAMS ROAD ADJACENT TO HOUSE #39	NORTHWEST	0.19 MILE +/-	SEASONAL

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PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
29	INTERSECTION OF JEWETT STREET AND MADISON AVENUE, BRIDGEPORT	NORTHWEST	1.89 MILES +/-	NON-VISIBLE

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
30	PARK LANE AT JANE RYAN SCHOOL	SOUTHEAST	1.40 MILES +/-	NON-VISIBLE

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
31	ELTON ROGERS PARK	NORTHWEST	0.85 MILE +/-	NON-VISIBLE

PHOTOGRAPHIC DOCUMENTATION

VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
32	PUGLIO PARK	NORTHEAST	1.03 MILES +/-	NON-VISIBLE

Attachment B

Viewshed Map

Viewshed Analysis
Proposed T-Mobile Wireless Telecommunications Facility
CTFF481
158 Edison Road
Trumbull, Connecticut

NOTE:
- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed Facility height is 150 feet - Antennas extend to 171.5 feet AGL.
- Existing tree canopy height estimated at 60 feet.
- Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

DATA SOURCES:
- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2006 digital orthophotos with 1-foot pixel resolution; digitized by VHB, 2009
- Base map comprised of Botsford (1984), Bridgeport (1984), Long Hill (1984) and Westport (1971) USGS Quadrangle Maps
- Protected municipal and private open space properties and federal protected properties and data layers provided by CT DEP, 1997
- Protected CT DEP properties data layer provided by CTDEP, May 2007
- CT DEP boat launches data layer provided by CT DEP, 1994
- Scenic Roads layer derived from available State and Local listings.

Map Compiled March, 2010

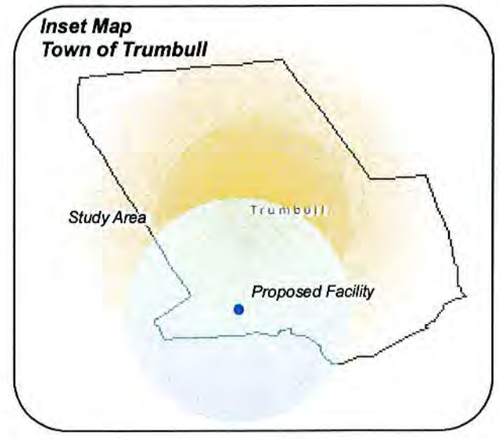
Legend

- Tower Location

Photographs - March 3, 2010 and March 17, 2010
- Balloon is not visible
- Balloon Visible Through Trees
- Balloon visible above trees

- Seasonal Visibility (Approximately 42 acres)
- Year-Round Visibility (Approximately 46 acres)
- Protected Municipal and Private Open Space Properties (1997)
- Cemetery
- Preservation
- Conservation
- Existing Preserved Open Space
- Recreation
- General Recreation
- School
- Uncategorized

- CT DEP Protected Properties (2007)
  - State Forest
  - State Park
  - DEP Owned Waterbody
  - State Park Scenic Reserve
  - Historic Preserve
  - Natural Area Preserve
  - Fish Hatchery
  - Flood Control
  - Other
  - State Park Trail
  - Water Access
  - Wildlife Area
  - Wildlife Sanctuary
- Federal Protected Properties (1997)
- CT DEP Boat Launches (1994)
- Scenic Road (State and Local)
- Town Line



VHB T-Mobile

middatt\projects\40505.14\graphics\figures\CTFF481_viewshed_map.pdf

EXHIBIT N

Connecticut Commission on Culture & Tourism

Historic Preservation and Museum Division

One Constitution Plaza
Second Floor
Hartford, Connecticut
06103

860.256.2800
860.256.2763 (f)

May 26, 2010

Ms. Laura L. Mancuso
EBI Consulting
21 B Street
Burlington, MA 01803

Subject: Proposed Telecommunications Facility
158 Edison Road (adjacent Merritt Parkway)
Trumbull, Connecticut
T-Mobile

Dear Ms. Mancuso:

The State Historic Preservation Office is in receipt the above-referenced project, submitted for review and comment pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission regulations.

After an extensive field review with a balloon float of the proposed installation site, this office has determined that while the facility will be constructed adjacent to the Merritt Parkway, a property listed on the National Register of Historic Places, the undertaking will have no adverse effect on cultural resources, given the extremely limited visibility from the Parkway.

The State Historic Preservation Office appreciates the opportunity to provide EBI with this evaluation. Please contact Susan Chandler, Historical Architect, should you have additional questions concerning this matter.

Sincerely,

David Bahlman
Division Director and
Deputy State Historic Preservation Officer

EBI
CONSULTING
www.ebiconsulting.com

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 272-1450

November 11, 2010

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

Subject: **Addendum to FCC Form 620**
CTFF481/ POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project #61096787

Dear Ms. Chandler:

EBI Consulting (EBI) is preparing an environmental review on behalf of *T-Mobile Northeast LLC (hereinafter T-Mobile)*, for the property noted above as part of its regulatory review by the Federal Communications Commission (FCC). The review is focused on the National Environmental Policy Act (NEPA) compliance and includes an evaluation of whether historic properties or archaeological sites may be affected by the proposed telecommunications facilities at the address noted above under Section 106 of the National Historic Preservation Act (NHPA).

On May 26, 2010 your office concurred with a "No Adverse Effect on Cultural Resources" determination submitted by EBI Consulting. EBI received revised project drawings, dated May 12, 2010, in which the originally-proposed 550 square-foot fenced compound surrounding the proposed tower has been redesigned as an irregularly-shaped, 490 square-foot fenced compound.

On behalf of *T-Mobile,* I would appreciate your comments regarding the design modifications to the fenced compound for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,

Sarah L. Farley

Ms. Sarah L. Farley
Architectural Historian

Attachments: May 26, 2010 SHPO Response and May 12, 2010 Drawings

EBI CONSULTING
www.ebiconsulting.com

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 272-1450

November 11, 2010

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

CONCUR
David Bahlman DEPUTY SHPO
STATE HISTORIC PRESERVATION OFFICE
Date: 11·15·10

Subject: **Addendum to FCC Form 620**
CTFF481/ POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project #61096787

Dear Ms. Chandler:

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On behalf of *T-Mobile*, I would appreciate your comments regarding the design modifications to the fenced compound for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,

Sarah L. Farley

Ms. Sarah L. Farley
Architectural Historian

Attachments: May 26, 2010 SHPO Response and May 12, 2010 Drawings

EBI CONSULTING
www.ebiconsulting.com

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 272-1450

July 1, 2011

Ms. Susan Chandler
Environmental Review Coordinator
Connecticut Commission on Culture and Tourism
Amos Bull House
59 South Prospect Street
Hartford, CT 06106

Subject: **Addendum to FCC Form 620**
CTFF481 / POLICE STA EDISON RD
158 Edison Road, Trumbull, Connecticut 06611-4139
EBI Project 61112256 (formerly EBI Project #61096787)

Dear Ms. Chandler:

EBI Consulting (EBI) is preparing an environmental review on behalf of T-Mobile Northeast LLC, a Delaware limited liability company, as successor-in-interest to Omnipoint Communications, Inc., a Delaware Corporation (hereinafter T-Mobile), for the property noted above as part of its regulatory review by the Federal Communications Commission (FCC). The review is focused on the National Environmental Policy Act (NEPA) compliance and includes an evaluation of whether historic properties or archaeological sites may be affected by the proposed telecommunications facilities at the address noted above under Section 106 of the National Historic Preservation Act (NHPA).

On May 26, 2010 your office concurred with the "No Adverse Effect on Historic Properties" determination submitted by EBI Consulting. Subsequently, EBI received revised project drawings, dated May 12, 2010, in which the originally-proposed 550 square-foot fenced compound surrounding the proposed tower had been redesigned as an irregularly-shaped, 490 square-foot fenced compound. On November 11, 2010 your office concurred with the "No Adverse Effect on Historic Properties" determination submitted by EBI Consulting.

EBI has received new design plans with change in the mount of antennas. Original plans show a total of 9 antennas mounted on standoff cross arms. Revised plans show antennas (2 sectors with 3 each for a total of 6 antennas) with two TMAs (6 total) to be mounted on double support arm cluster mounts. Based on the new design EBI's findings remain, "No Adverse Effect on Historic Properties".

On behalf of *T-Mobile*, I would appreciate your comments regarding the design modifications of the mounting of antennas for this proposed telecommunications installation in a letter to my attention at the address noted above. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter.

Sincerely,

Laura M. Gresh

Ms. Laura Gresh
Architectural Historian

Attachments: CT SHPO Responses and Revised Project Plans

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United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
http://www.fws.gov/newengland

January 3, 2011

To Whom It May Concern:

The U.S. Fish and Wildlife Service's (Service) New England Field Office has determined that individual project review for certain types of activities associated with communication towers is **not required.** These comments are submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Due to the rapid expansion of the telecommunication industry, we are receiving a growing number of requests for review of **existing** and **new** telecommunication facilities in relation to the presence of federally-listed or proposed, threatened or endangered species, critical habitat, wilderness areas and/or wildlife preserves. We have evaluated our review process for proposed communications towers and believe that individual correspondence with this office is not required for the following types of actions relative to **existing** facilities:

1. the re-licensing of existing telecommunication facilities;
2. audits of existing facilities associated with acquisition;
3. routine maintenance of existing tower sites, such as painting, antenna or panel replacement, upgrading of existing equipment, etc.;
4. co-location of new antenna facilities on/in existing structures;
5. repair or replacement of existing towers and/or equipment, provided such activities do not significantly increase the existing tower mass and height, or require the addition of guy wires.

In order to curtail the need to contact this office in the future for individual environmental review for **existing** communication towers or antenna facilities, please note that we are not aware of any federally-listed, threatened or endangered species that are being adversely affected by any existing communication tower or antenna facility in the following states: Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts. Furthermore, we are not aware of any **existing** telecommunication towers in federally-designated critical habitats, wilderness areas or wildlife preserves. Therefore, no further consultation with this office relative to the impact of the above referenced activities on federally-listed species is required.

January 3, 2011

Future Coordination with this Office Relative to **New** Telecommunication Facilities

We have determined that proposed projects are not likely to adversely affect any federally-listed or proposed species when the following steps are taken to evaluate new telecommunication facilities:

1. If the facility will be installed within or on an existing structure, such as in a church steeple or on the roof of an existing building, no further coordination with this office is necessary. Similarly, new antennas or towers in urban and other developed areas, in which no natural vegetation will be affected, do not require further review.

2. If the above criteria cannot be met, your review of our lists of threatened and endangered species locations within Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts may confirm that no federally-listed endangered or threatened species are known to occur in the town or county where the project is proposed.

3. If a listed species is present in the town or county where the project is proposed, further review of our lists of threatened and endangered species may allow you to conclude that suitable habitat for the species will not be affected. Based on past experiences, we anticipate that there will be few, if any, projects that are likely to impact piping plovers, roseate terns, bog turtles, Jesup's milk-vetch or other such species that are found on coastal beaches, riverine habitats or in wetlands because communication towers typically are not located in these habitats.

For projects that meet the above criteria, there is no need to contact this office for further project review. A copy of this letter should be retained in your file as the Service's determination that no listed species are present, or that listed species in the general area will not be affected. Due to the high workload associated with responding to many individual requests for threatened and endangered species information, we will no longer be providing response letters for activities that meet the above criteria. This correspondence and the species lists remain valid until January 1, 2012. Updated consultation letters and species lists are available on our website:

(http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm)

Thank you for your cooperation, and please contact Mr. Anthony Tur of this office at 603-223-2541 for further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

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	South Windsor, East Granby, 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			

-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.

7/31/2008

United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
http://www.fws.gov/newengland

January 4, 2010

To Whom It May Concern:

This project was reviewed for the presence of federally-listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

(http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm)

Based on the information currently available, no federally-listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service (Service) are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under Section 7 of the Endangered Species Act is not required.

This concludes the review of listed species and critical habitat in the project location(s) and environs referenced above. No further Endangered Species Act coordination of this type is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Mr. Anthony Tur at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

U.S. Fish and Wildlife Service Interim Guidelines for Recommendations on Communications Tower Siting, Construction, Operation and Decommissioning

Because of the increasing number of communications towers being constructed in the United States, the U.S. Fish and Wildlife Service (USFWS) is concerned with avian mortality due to bird collisions. Albert Manville of the USFWS has stated that "approximately 350 species of neotropical songbirds appear to be the most susceptible to collisions with communications towers." These birds are protected by the Migratory Bird Treaty Act of 1918 (16 U.S.C. 703 et seq.). These guidelines were prepared to assist USFWS in meeting its obligations under the Migratory Bird Treaty Act. Applicants and consultants planning communications tower projects are asked to review these guidelines and determine whether their project has incorporated any of the recommendations. While adopting the recommendations into a project design is voluntary, the recommendations are designed to minimize the risk of communications towers to birds that are protected by the Migratory Bird Treaty Act.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes, and to identify any recurring problems with their implementation which may necessitate modifications, RUS would appreciate it if borrowers would please advise us of the final location, specifications of the tower, which of the measures recommended for the protection of migratory birds were implemented, and the details of the problems encountered and the solutions, if any, that the borrower incorporated. If any of the recommended measures could not be implemented, please explain why they were not feasible so we can identify work to make the guidelines more useful.

Tower Guidelines

1. Any company/applicant/licensee proposing to construct a new communications tower should be strongly encouraged to co-locate the communications equipment on an existing communication tower or other structure (e.g., billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may co-locate on an existing tower.
2. If co-location is not feasible and a new tower or towers are to be constructed, communications service providers should be strongly encouraged to construct towers no more than 199 feet above ground level (AGL), using construction techniques which do not require guy wires (e.g., use a lattice structure, self-supporting steel structure, etc.). Such towers should be unlighted if Federal Aviation Administration (FAA) regulations permit.
3. If constructing multiple towers, providers should consider the cumulative impacts of all of those towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.
4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., State or Federal refuges, staging areas, and rookeries) in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.
5. If taller towers (greater than 199 feet AGL) requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-

migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.

6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Avian Power Line Interaction Committee (APLIC). 1994. Mitigating Bird Collisions with Power Lines: The State of the Art in 1994.* Edison Electric Institute, Washington, D. C., 78 pp., and Avian Power Line Interaction Committee (APLIC). 1996. *Suggested Practices for Raptor Protection on Power Lines.* Edison Electric Institute/Raptor Research Foundation, Washington, D. C., 128 pp. Copies can be obtained via the Internet at http://www.eei.org/resources/pubcat/enviro/, or by calling 1-800-334-5453).
7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint." However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.
8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternative site should be recommended. If this is not an option, seasonal restrictions on construction may be advisable in order to avoid disturbance during periods of high bird activity.
9. In order to reduce the number of towers needed in the future, providers should be encouraged to design new towers structurally and electrically to accommodate the applicant/licensee's antennas and comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.
10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.
11. If a tower is constructed or proposed for construction, service personnel or researchers from the Communications Tower Working Group should be allowed access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.
12. Towers no longer in use or determined to be obsolete should be removed within twelve (12) months of cessation of use.

If you would like more information or have any questions, please contact Dennis Rankin, Environmental Protection Specialist, Engineering and Environmental Staff at 202-720-1953 or at drankin@rus.usda.gov.

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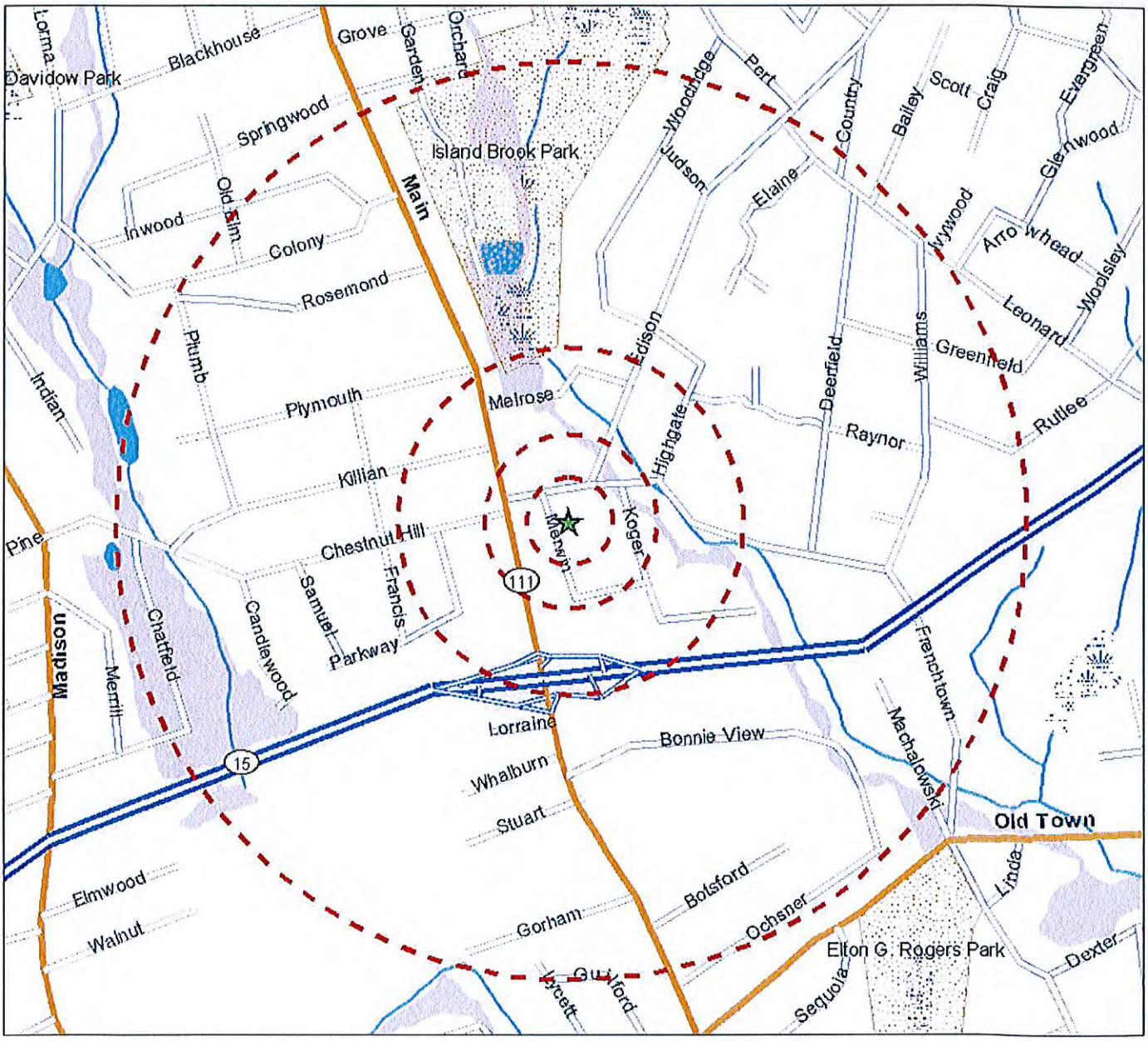

See associated legend for additional map symbology

Source: See associated map legend

Land and Historic Resources Map

CTFF481/POLICE STA EDISON RD
158 Edison Road
Trumbull, CT 06611-4139

PN: 61096787

0 500 1000 feet

National Datalayers Legend*

National Register Historic Site

National Register Historic District

Source: NPS National Register of Historic Places, updated July 2008

National Park Service Trail

Source:U.S. National Parks Serivce.Various dates. NR/GIS WebSite, U.S.Dept.o fthe Interior,NPS,Wash.,D.C. http://science.nature.nps.gov/nrdata/index.cfm.

National Scenic Parkway

National Wild and Scenic River

Federally Owned Land

Source:National Atlas of the U.S.,Reston,VA,12/05, Federal Land Features of the U.S.
-Parkways and Scenic Rivers
-Federal Lands of the United States

FWS Critical Habitat

Source:U.S.Fish and Wildlife Service.Various dates. FWS Critical Habitat for Threatened & Endangered Species website. U.S. Dept. of the Interior, FWS,Wash,D.C. http://crithab.fws.gov/.

*Includes data obtained from federal agencies developed to be consistent throughout the US.

National Wetlands Inventory

Stream or Creek

Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Estuarine & Marine Wetland

Unconsolidated Shore

Freshwater Lake, Pond, or River

Estuarine & Marine Deepwater

Open Water

Source: U.S. Fish and Wildlife Service.Various dates. National Wetlands Inventory website. U.S. Dept. of the Interior, FWS,Wash, D.C. http://www.fws.gov/nwi/.

FEMA Q3 Flood Zone

500-year inundation area.

100-year inundation area.

100-year inundation area with velocity hazard.

Area not included on any FIRM publication.

Undetermined but possible flood hazard area.

Floodway area, including watercourse extent.

No Flood Data — No Flood Data Available

Source: FEMA

Connecticut - State Specific Datalayers Legend

CT - Natural Diversity Database Area

Source: CT DEP
Data Date: December 2009
http://www.ct.gov/dep/gis

CT - DEP Property

Source: CT DEP
Data Date: October 2009
http://www.ct.gov/dep/gis

CT - DEP Municipal and Open Space

Source: CT DEP Office of Information Management
Data Date: 1997
http://www.ct.gov/dep/gis

CT - DEP Critical Habitat

Source: CT DEP
Data Date: December 2009
http://www.ct.gov/dep/gis

CT - Aquifer Protection Area

Final

Preliminary

Source: CT DEP
Data Date: March 2010
http://www.ct.gov/dep/gis

CT - DEP Trails

Source: CT DEP
Data Date: January 2010
http://www.ct.gov/dep/gis

Land Based and Historic Resources Legend

MEBI CONSULTING
Creating Value for Your Business

EXHIBIT O

T · ·Mobile·

Technical Memo

To: Ray Vergati
From: Scott Heffernan - Radio Frequency Engineer
cc: Jason Overbey
Subject: Power Density Report for CTFF481B
Date: January 21, 2010

1. Introduction:

This report is the result of an Electromagnetic Field Intensities (EMF - Power Densities) study for the T-Mobile PCS/UMTS antenna installation on a Monopole at 158 Edison Road, Trumbull, CT. This study incorporates the most conservative consideration for determining the practical combined worst case power density levels that would be theoretically encountered from locations surrounding the transmitting location.

2. Discussion:

The following assumptions were used in the calculations:

1) The emissions from T-Mobile transmitters are in the (1940-1950),(2140-2145) & (2110-2120) MHz frequency Bands.
2) The antenna array consists of three sectors, with 3 antennas per sector.
3) The model number for GSM antenna is APX16DWV-16DWV.
3) The model number for UMTS antenna is APX16DWV-16DWV.
4) GSM antenna center line height is 140 ft.
4) UMTS antenna center line height is 140 ft.
5) The maximum transmit power from any GSM sector is 2336.25 Watts Effective Radiated Power (EiRP) assuming 8 channels per sector.
5) The maximum transmit power from any UMTS sector is 2330.72 Watts Effective Radiated Power (EiRP) assuming 2 channels per sector.
6) All the antennas are simultaneously transmitting and receiving, 24 hours a day.
7) Power levels emitting from the antennas are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
8) The average ground level of the studied area does not change significantly with respect to the transmitting location

Equations given in "FCC OET Bulletin 65, Edition 97-01" were then used with the above information to perform the calculations.

3. Conclusion:

Based on the above worst case assumptions, the power density calculation from the T-Mobile PCS antenna installation on a Monopole at 158 Edison Road, Trumbull, CT, is 0.05702 mW/cm^2. This value represents 5.702% of the Maximum Permissible Exposure (MPE) standard of 1 milliwatt per square centimeter (mW/cm^2) set forth in the FCC/ANSI/IEEE C95.1-1991. Furthermore, the proposed antenna location for T-Mobile will not interfere with existing public safety communications, AM or FM radio broadcasts, TV, Police Communications, HAM Radio communications or any other signals in the area.

Worst Case Assumptions: is defined as assuming that the main lobe of the transmitting antenna is always focused at the sample point of interest. This assumes that the maximum gain is realized at this point and will yield the highest possible MPE% value possible for that given point / distance. In reality, due to the highly focused nature of the proposed antennas, most of the available energy transmitting from the proposed facility will be directed toward the horizon to best enhance the desired coverage footprint area. The net result is that a very small percentege of the available energy is directed toward the ground area in close proximity to the facility. Values seen in the immediate area of the facility will be on the order of 10 to 20 dB lower in actual value than the worst case assumption since the gain of the antenna pattern is dramatically reduced at these angles. A 10 to 20 dB reduction in power output potential equates to a value that is between 10 and 100 times lower than expected calculated values. This can be seen in the attached antenna specification sheet with associated vertical and horizontal antenna patterns.

Connecticut Market

T · ·Mobile·

Worst Case Power Density

Site:	**CTFF481B**
Site Address:	**158 Edison Road**
Town:	**Trumbull**
Tower Height:	**150 ft.**
Facility Style:	**Monopole**

GSM Data		UMTS Data	
Base Station TX output	20 W	Base Station TX output	40 W
Number of channels	8	Number of channels	2
Antenna Model	APX16DWV-16DWV	Antenna Model	APX16DWV-16DWV
Cable Size	1 5/8 in.	Cable Size	1 5/8 in.
Cable Length	160 ft.	Cable Length	160 ft.
Antenna Height	140.0 ft.	Antenna Height	140.0 ft.
Ground Reflection	1.6	Ground Reflection	1.6
Frequency	1945.0 MHz	Frequency	2.1 GHz
Jumper & Connector loss	4.50 dB	Jumper & Connector loss	1.50 dB
Antenna Gain	18.0 dBi	Antenna Gain	18.0 dBi
Cable Loss per foot	0.0116 dB	Cable Loss per foot	0.0116 dB
Total Cable Loss	1.8560 dB	Total Cable Loss	1.8560 dB
Total Attenuation	6.3560 dB	Total Attenuation	3.3560 dB
Total EIRP per Channel	54.65 dBm	Total EIRP per Channel	60.66 dBm
(In Watts)	292.03 W	(In Watts)	1165.36 W
Total EIRP per Sector	63.69 dBm	Total EIRP per Sector	63.67 dBm
(In Watts)	2336.25 W	(In Watts)	2330.72 W
nsg	11.6440	nsg	14.6440
Power Density (S) =	0.028545 mW/cm^2	Power Density (S) =	0.028477 mW/cm^2
	8		5.7022%

Equation Used :

$$S = \frac{(1000)(grf)^2 (Power) * 10^{(nsg/10)}}{4\pi (R)^2}$$

Office of Engineering and Technology (OET) Bulletin 65, Edition 97-01, August 1997

EXHIBIT P

EBI CONSULTING
www.ebiconsulting.com

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 273-3311

December 21, 2009

Ms. Jamie Ford
Project Coordinator
HPC Development, LLC
53 Lake Ave Ext.
Danbury, CT 06811

Subject: National Environmental Policy Act (NEPA) - Letter of Low Potential Impact
CTFF481 / POLICE STA EDISON RD
158 Edison Road, Trumbull, CT
EBI Project # 61096787

Dear Ms. Ford:

Attached please find our *National Environmental Policy Act (NEPA)* Letter of Low Potential Impact for the proposed telecommunications installation at the address noted above (the Subject Property). The purpose of this *letter is* to evaluate the above-referenced property for potential environmental and historical concerns specified by the Federal Communications Commission (FCC) in 47 CFR 1.1307.

As of the date of this *Report*, T-Mobile Northeast, LLC, proposes to construct a new 150' (47.2m) monopole and associated equipment within a proposed 490 square foot fenced compound in the central portion of the subject property, which is an approximately 2.3 acre lot improved with the Trumbull Police Station. Additionally, municipal antennas mounted atop the monopole will bring the total height of the structure to 173'4" (52.8m). Utilities will be routed underground to the northwest, parallel to existing underground utility conduit, to an existing utility pole on Merwin Street. Access to the Project Site will be via the existing paved drive and parking area. Additional space for future lease areas (c. 1300 square feet (120.8m^2)) is located to the west in the parking lot.

Based upon the results of our preliminary NEPA screening, it appears that the proposed installation will not impact any of the criteria as outlined in 1.1307(a) items (1) through (8) and preparation of an Environmental Assessment (EA) is not required; however, our Section 106 and Native American Indian consultation required under Section 1.1307(a) (4) & (5) of the FCC Rules is incomplete. Of importance, no historical resources were identified within a 0.5 mile area of potential effects and our archaeological assessment determined that it is unlikely that the proposed installation would adversely affect intact below-grade historic resources.

Based on our preliminary review and archaeological assessment, there is a low potential that the proposed undertaking will impact listed historic resources and Native American religious sites.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,

Michael Chun
Program Director
Direct# (646) 789-9206

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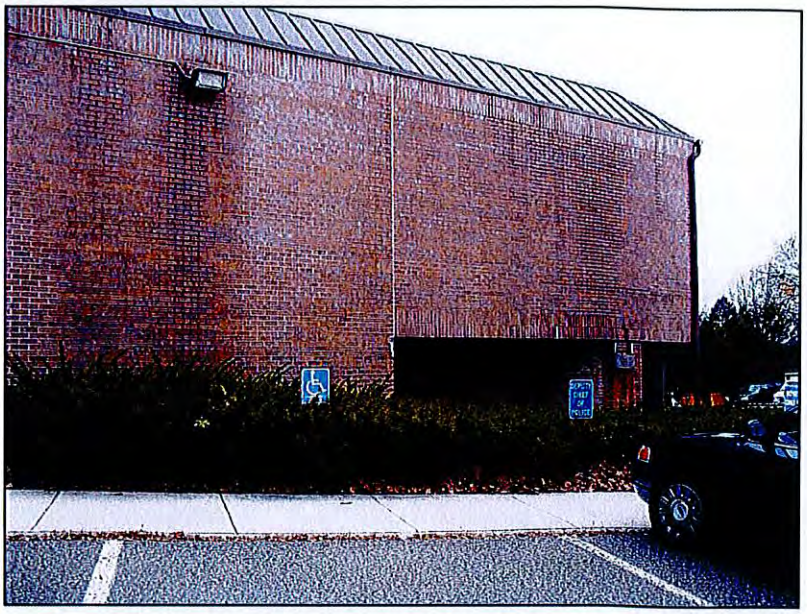
National Environmental Policy Act (NEPA) Screening Report

Prepared for:

T-Mobile Northeast LLC
c/o Ms. Amy English
HPC Development, LLC
5827 Shamrock Court
Hamburg, NY 14075



CTFF481 / POLICE STA EDISON RD

158 Edison Road
Trumbull, Connecticut

EBI Project No. 61096787

Site Report Date: November 2, 2010
Updated Report Date: December 3, 2010
Updated Report Date: July 19, 2011

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www.ebiconsulting.com

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 273.3311

July 19, 2011

Mr. Hans Fiedler
T-Mobile Northeast LLC
c/o Ms. Amy English
HPC Development, LLC
5827 Shamrock Court
Hamburg, NY 14075

Subject: National Environmental Policy Act (NEPA) Screening Report
CTFF481 / Police Sta Edison Rd
158 Edison Road, Trumbull, Connecticut
EBI Project #61096787/61112256

Dear Mr. Fiedler:

Attached please find our *National Environmental Policy Act (NEPA) Screening Report*, (the *Report*) for the proposed telecommunications installation at the address noted above (the Subject Property). The purpose of this *Report* is to evaluate the above-referenced property for environmental and historical concerns specified by the Federal Communications Commission (FCC) in 47 CFR 1.1307, the T-Mobile USA Scope of Work, and general industry standards.

The Subject Property, known as CTFF481 / Police Sta Edison Rd, consists of an approximately 2.3-acre lot that is improved with the Trumbull Police Station and an existing 100-foot lattice tower. The Subject Property is located within a predominantly residential neighborhood. The police department building was constructed circa 1980.

As of the date of this *Report*, T-Mobile Northeast LLC, a Delaware limited liability company, *as successor-in-interest to* Omnipoint Communications, Inc., a Delaware corporation (hereinafter T-Mobile) proposes to remove the existing lattice tower and construct a new 150-foot monopole and add new equipment to the Subject Property. Six antennas (2sectors with 3 each for a total of 6 antennas) with 2 TMAs (6 total) will be mounted on double support-arm cluster mounts. Proposed antennas will be mounted at a centerline height of 140 feet above ground level (AGL). Equipment will be placed on a new concrete pad within a 490 square-foot fenced compound. Cables will be run from an existing utility pole underground to the proposed utility area and to the tower from the equipment via an ice bridge. Note that a regional dispatch platform will be mounted atop the monopole. The regional dispatch platform will consist of a 4 foot standoff T-boom antenna mount and fiberglass, slim line whip antennas. The Town will dictate the configuration of the platform. The antennas will be painted sky blue to blend with the sky background. Also, please note that the new configuration reduces the height (from the top of the tallest municipal antenna) from approximately 173-feet, 4-inches to approximately 171-feet, 6-inches above AGL.

Please find the attached National Environmental Policy Act (NEPA) Checklist, NEPA Summary Report, and associated documentation for the above-referenced site. Based upon the results of our assessment, it appears that the proposed installation will not impact any of the criteria as outlined in 1.1307(a) items (1) through (8) and preparation of an Environmental Assessment (EA) for these criteria is not required.

The *Report* was completed according to the terms and conditions authorized by you. There are no intended or unintended third party beneficiaries to this *Report*, unless specifically named. EBI is an independent contractor, not an employee of either the property owner or the project proponent, and its compensation was not based on the findings or recommendations made in the *Report* or on the closing of any business transaction. Note that the findings of this *Report* are based on the project specifications provided to EBI and described in this *Report*. In the event that the

design or location of the installation changes, please contact EBI as additional review and/or consultation may be required.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,

Ms. Laura Gresh
Author/Architectural Historian

Mr. David Akerblom
Reviewer/ Program Manager
Direct# (781) 552-9086

Ms. Ashley DeCabia
Managing Consultant

Appendix A – NEPA Checklist
Appendix B – FCC NEPA Summary Report
Appendix C – Figures, Drawings, and Maps
Appendix D – NPA Checklist and SHPO Correspondence
Appendix E – Tribal Correspondence
Appendix F – Land Resources Map
Appendix G – Federal and State Fish and Wildlife Service Correspondence
Appendix H – Wetlands Map
Appendix I – FEMA Floodplain Map

EBI CONSULTING	Site type (*choose one*): ☐ Raw land ☐ Tower colo ☐ Other colo ☒ Tower Replacement	Site ID: CTFF481 / Police Sta Edison Rd	Site Address: 158 Edison Road Trumbull, Connecticut

NEPA Land Use Screening Checklist

FCC NEPA Category	Consulting Agency to Contact	*Check appropriate boxes below*			
		No Adverse Impact	Potential Adverse Impact	Exempt from Review	NPA Applies
Designated Wilderness Areas	National Park Service, US Forest Service, Bureau of Land Management (BLM)	☒	☐	☐	
Designated Wildlife Preserves	National Park Service, US Forest Service, BLM	☒	☐	☐	
Threatened or Endangered Species & Critical Habitats	US Fish & Wildlife Service - Field Office (USF&WS)	☒	☐	☐	
Historic Places	State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO)	☒ SHPO consultation completed	☐	☐	Collocation Agreement: applies ☐ Nationwide Agreement Exclusion applies: ☐
Indian Religious Sites	American Indian Tribes, Bureau of Indian Affairs	☒ Tribal consultation completed	☐	☐	Collocation Agreement applies: ☐ Nationwide Agreement Exclusion applies: ☐
Floodplain	Federal Emergency Management Agency (FEMA)	☒	☐	☐	
Wetlands & Surface Waterways	USF&WS NWI Maps US Army Corps of Engineers (ACOE)	☒	☐	☐	

Signature: Laura M. Gresh Company: EBI Consulting

Print name: Laura Gresh Date: July 19, 2011

FCC NEPA Summary Report
(47 CFR Subpart 1, Chapter 1, Sections 1.1301-1.1319)

EBI CONSULTING	Site type (*choose one*): ☐ Raw land ☐ Tower colo ☐ Other colo ☒ Tower Replacement	Site ID: CTFF481 / Police Sta Edison Rd	Site Address: 158 Edison Road, Trumbull, Connecticut

1. **Is the antenna structure located in an officially designated wilderness area?**

   According to a review of the Land Resources Map (Appendix F) and the Department of Agriculture's list of wilderness areas (http://www.wilderness.net/index.cfm?fuse=NWPS), the Project Site is not located in an officially designated wilderness area. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a National Park (www.nps.gov/gis), NPS Interactive Map Center), a designated Scenic and Wild River (http://www.rivers.gov/wildriverslist.html), a land area managed by the Bureau of Land Management (www.blm.gov/nhp/facts/index.htm), or within 1 mile of a National Scenic Trail as identified by the National Park Service (http://www.nps.gov/ncrc/programs/nts/nts_trails.html).

2. **Is the antenna structure located in an officially designated wildlife preserve?**

   According to a review of the Land Resources Map (Appendix F), the Project Site is not located in an officially designated wildlife preserve. In addition, according to EBI's review of available on-line resources, the Project Site is not located in a US Fish and Wildlife Service National Wildlife Refuge (http://www.fws.gov/refuges/refugeLocatorMaps/index.html).

3. **Will the antenna structure likely affect threatened or endangered species or designated critical habitats? *(Ref. 50 CFR Part 402)***

   EBI reviewed the Connecticut Department of Environmental Protection Natural Diversity Data Base (NDDB) map (incorporated into the Land Resources Map in Appendix F), which represents approximate locations of endangered, threatened and special concern species and significant natural communities in Connecticut. The NDDB maps are intended to be a pre-screening tool to identify potential impacts to state-listed species. Shaded areas on the NDDB maps depict approximate locations of state and federal listed species and significant natural communities. If a project falls within a shaded area, the applicant must submit an Environmental Review Request Form, a map, and a project description to the NDDB for further review. Inasmuch as the Project Site is not located within a shaded area on the NDDB map, further consultation is not required.

   In addition, based on the information currently available to us, provided by the U.S. Fish and Wildlife Service (USFW) dated January 3, 2011, and a review of the listed endangered species for Fairfield County, Connecticut, no federally listed endangered or threatened species were identified in the Town of Trumbull. As such, in accordance with USFWS guidelines no further consultation is required (Appendix G).

   Additionally based upon the proposed design (monopole) and height (under 199 feet AGL) it is unlikely that the proposed telecommunications installation would adversely impact migratory bird species protected under the Migratory Bird Treaty Act and the Endangered Species Act. Therefore, EBI concludes that the proposed project is unlikely to affect threatened or endangered species.

4. **Will the antenna structure affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? *(Ref. 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act).***

   EBI reviewed the proposed project plans against the Exclusions of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* (NPA). EBI concluded that the

proposed tower construction does not meet any of the Exclusions listed in Section III of the NPA. Therefore, consultation with the Connecticut State Historic Preservation Officer (SHPO) was required.

Based on EBI's review of files online at the National Register Information System (www.nr.nps.gov), Connecticut SHPO, one Historic Property was identified within the ½-mile Area of Potential Effect (APE) for visual effects of the proposed tower: the Merritt Parkway

Additionally, EBI Senior Archaeologist, Ms. Christine Kimbrough, PhD, RPA, performed an evaluation of the proposed Project Site for the likelihood of containing archaeological resources. Ms. Kimbrough concluded that there is little likelihood of encountering significant archaeological resources in association with this project as the APE-DE has been extensively disturbed by construction, paving, landscaping, and utilities placement.

EBI submitted project plans, the results of the archaeological survey, and a request for comment on FCC Form 620 to the Connecticut (CT) SHPO on December 16, 2009. In correspondence dated January 5, 2010, the CT SHPO requested that viewshed studies and photo-sims be provided from both directions of the Merritt Parkway. The requested documentation was provided to the CT SHPO, after which a balloon float and site reconnaissance was scheduled with Susan Chandler of the CT SHPO on Tuesday May 11, 2010. During this reconnaissance, an approximate four-foot diameter weather balloon was tethered to the proposed height of the facility and Ms. Chandler was escorted along the Merritt Parkway, both northbound and southbound, in proximity to the site to assess the potential view shed of proposed tower. Consistent with the visual assessment conducted by Vanassa Hangen Brustlin, Inc (VHB), the balloon was visible from the Merritt Parkway overpass associated with Interchange 84. Ms. Chandler indicated to VHB that the facility would not likely result in an adverse effect on the Merritt Parkway resource.

In correspondence dated May 26, 2010, the Connecticut SHPO concurred with the EBI/VHB conclusion of "No Adverse Effect" on historic properties.

On November 9, 2010, EBI received revised project drawings. The original project design called for a 550 square foot rectangular compound; the new design calls for a 490 square foot irregularly shaped compound. These revised drawings were forwarded to the Connecticut SHPO in a letter dated November 11, 2010. EBI's assessment remained "No Adverse Effect" on historic properties.

In correspondence dated November 15, 2010, the Connecticut SHPO again concurred with EBI's conclusion. Please see Appendix D for copies of this correspondence.

On June 16, 2011, EBI received new design plans with change in the mount of antennas. Original plans show a total of 9 antennas mounted on standoff cross arms. The revised plans show antennas (2 sectors with 3 each for a total of 6 antennas) with two TMAs (6 total) to be mounted on double support arm cluster mounts. Note that a regional dispatch platform will be mounted atop the monopole. The regional dispatch platform will consist of a 4 foot standoff T-boom antenna mount and fiberglass, slim line whip antennas. The Town will dictate the configuration of the platform. The antennas will be painted sky blue to blend with the sky background. Also, please note that the new configuration reduces the height (from the top of the tallest municipal antenna) from approximately 173-feet, 4-inches to approximately 171-feet, 6-inches above AGL. These revised drawings were forwarded to the Connecticut SHPO in a letter dated July 1, 2011. EBI's assessment remained "No Adverse Effect" on historic properties.

As of this date of this report, EBI has not received comment from the Connecticut SHPO regarding the modified design plans that were submitted on July 1, 2011. EBI will assume the original concurrence remains in effect if we do not receive a response within 30 days from the date of this letter (30 days expires on August 1, 2011).

In the unlikely event that unanticipated Historic Properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the proposed construction and associated excavation activities, *T-Mobile USA* must halt activities immediately and contact the appropriate local officials and state agencies, in accordance with Federal and State regulations (36 CFR 800.13(b)).

5. **Will the antenna structure affect Indian religious site(s)**

Based on the requirements of the *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* (NPA), Tribal consultation was required for this project because the proposed tower construction did not meet Exclusions A, B, C or F of the NPA.

EBI submitted documentation regarding the proposed project to the FCC's Tower Construction Notification System (TCNS). On November 27, 2009 the FCC's TCNS sent the project information to Tribes listed on their database who have interest in the state in which the project is planned. Additionally, EBI submitted follow-up requests for comment to each of the Tribes indicated by the TCNS to have a potential interest in the area of the project.

Tribal communication to date for this project is summarized in the following table.

#	Tribe Name	Initial Notification (via TCNS)	Response to Initial Contact	Second Contact Attempt	Response to Second Attempt	Third Contact Attempt	Response to Third Attempt	Action Recommended
1	Delaware Nation	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	None	January 19, 2010 (Overnight mail)	January 21, 2010 - No interest	No Further Action
2	Mashantucket Pequot Tribe	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	January 14, 2009 – No Interest	N/A	N/A	No Further Action
3	Narragansett Indian Tribe	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	None	January 19, 2010 (Overnight mail)	October 12, 2010 – Project Cleared	No Further Action
4	Delaware Tribe of Indians of Oklahoma	Nov 27, 2009	None	December 18, 2009 (Overnight Mail)	December 28, 2009 – No interest	N/A	N/A	No Further Action

Please note, in the unlikely event that unanticipated Historic Properties, cultural artifacts, archeological deposits, or human remains are inadvertently encountered during the proposed construction and associated excavation activities, *T-Mobile* must halt activities immediately and contact the appropriate tribal governments, local officials and state agencies, in accordance with Federal and State regulations (36 CFR 800.13(b)).

Correspondence between EBI and the Tribes that includes copies of the Tower Construction Notification System emails, follow-up correspondence, and Tribal responses are appended to this *Report* (Appendix E).

6. **Will the antenna structure be located in a floodplain? (Ref. Executive Order 11988 and 40 CFR Part 6, Appendix A)**

According to the FEMA Flood Insurance Rate Map data for Trumbull, CT (Community Map # 090017, Panel # 0010C) included on the Land Resources Map (Appendix F), the Project Site is not located within a 100-year floodplain. A review of the Flood Insight Flood Zone determination (Appendix I) confirmed that the Project Site is not located within a floodplain.

7. **Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? *(Ref. Executive Order 11990 and 40 CFR Part 6, Appendix A)***

It is EBI's opinion that no documented or potential wetlands are located at or within a 100-foot radius of the proposed tower based upon the following facts:

- Limited or no hydric vegetation was observed at the tower site and soils were noted to be disturbed and compacted. Additionally, no surface water was observed at the proposed tower site.

- According to the Fish and Wildlife Service National Wetlands Inventory (NWI) information, which is included on the Land Resources Map, no mapped wetlands are located at or within close proximity to the proposed tower site.
- According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (http://websoilsurvey.nrcs.usda.gov/app/), the soils in the area of the Subject Property are part of the Charlton-Urban land complex, 3 to 8 percent slopes (260B). This association consists of well drained soils with low available water capacity. These soils do not meet the characteristics of hydric soils necessary to support wetland vegetation.

The area proposed to be occupied by T-Mobile consists of basic shrubbery, grass and concrete sidewalk. The proposed construction plans do not call for the removal of mature trees; therefore, the proposed installation will not result in deforestation. According to the proposed construction plans and onsite observations, surface water body diversion will not occur.

8. **Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?**

According to client representatives and site plans, the proposed installation will not include high intensity white lights and be located in a residential neighborhood.

9. **Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP) and have antenna located less than 10 meters above the ground?**

An evaluation to determine whether radiofrequency (RF) emissions standards are met was not included as part of this *Report*. EBI understands that client representatives will evaluate the project to ensure compliance with applicable RF standards.

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Tim OBrien

From:	towernotifyinfo@fcc.gov
Sent:	Friday, November 27, 2009 3:01 AM
To:	lmancuso@ebiconsulting.com
Cc:	kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject:	NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2359008

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 "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes 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 Tribes 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 Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe 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. NAGPRA/CP Director Tamara Francis - Delaware Nation - Anadarko, OK - regular mail
Details: The Delaware Nation located in Anadarko, Oklahoma charges a $400 administrative fee for the review of ALL projects. (Change Effective 1/18/2008). We prefer not to review proposed collocation projects and request not to be notified of such projects.
Send fee payable to the Delaware Nation in the form of a check or money order.
All projects for review by the Delaware Nation must pay the $400 fee.
Please note that the Delaware Nation and the Delaware Tribe of Indians ARE NOT the same enitity. Send all correspondence for the DelawareNation to 31064 North Hwy 281, Anadarko, OK 73005. ATTN: NAGPRA/CP Office.

2. THPO Kathleen Knowles - Mashantucket Pequot Tribe - Mashantucket, CT - electronic mail
Details: For every tower construction this Tribe requires a site location map, site plans for every project that will result in ground disturbance, and a detailed description of the proposed site. If the proposed tower construction is on an already existing building, the Tribe would like to be informed of that as well.

3. Cell Tower Coordinator Sequahna Mars - Narragansett Indian Tribe - Wyoming, RI - electronic mail and regular mail

4. NAGPRA Representative Dr. Brice Obermeyer - Delaware Tribe of Indians of Oklahoma - Emporia, KS - electronic mail and regular mail
Details: The Delaware Tribe of Indians of Oklahoma has had their federal recognition reinstated, and has been added to the listing of federally recognized Tribes maintained by the Bureau of Indian Affairs. Please refer to the Federal Register Notice dated August11, 2009, to view the notice stating that federal relations have been reestablished with this Tribe. See 74 FR 40218 (Aug. 11, 2009). Thank you.

Sincerely,
Dr. Brice Obermeyer
NAGPRA Representative
Delaware Tribe of Indians of Oklahoma
c/o Emporia State University - Campus Box 4022 1200 Commercial Street Emporia, Kansas 66801
briceobermeyer@yahoo.com

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

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.

5. SHPO John W Shannahan - Connecticut Historical Commission - Hartford, CT - electronic mail

6. SHPO Cara Metz - Massachusetts Historical Commission - Boston, MA - electronic mail

7. Deputy SHPO Brona Simon - Massachusetts Historical Commission - Boston, MA - electronic mail

8. SHPO Frederick C Williamson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - regular mail

9. Deputy SHPO Edward F Sanderson - Rhode Island Historic Preservation & Heritage Comm - Providence, RI - electronic mail

10. SHPO Karen J Senich - Connecticut Commission on Culture and Tourism - Hartford, CT - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/20/2009
Notification ID: 58281
Tower Owner Individual or Entity Name: T-Mobile USA
Consultant Name: Laura L Mancuso
Street Address: 21 B Street
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 717-779-9683
Email: lmancuso@ebiconsulting.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 41 deg 14 min 4.0 sec N
Longitude: 73 deg 13 min 8.0 sec W
Location Description: 158 Edison Road
City: Trumbull
State: CONNECTICUT

County: FAIRFIELD
Ground Elevation: 92.7 meters
Support Structure: 42.7 meters above ground level
Overall Structure: 52.8 meters above ground level
Overall Height AMSL: 145.5 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:

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

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

Thank you,
Federal Communications Commission

Delaware Tribe of Indians
170 NE Barbara
Bartlesville, Oklahoma 74006
(918) 336-5272 FAX (918) 337-6591

December 28, 2009

EBI Consulting
Attn: Laura Mancuso
21 B Street
Burlington, MA 01803

Re: TCNS #58281, Wireless Site Name: CTFF481/POLICE STA EDISON RD, 158 Edison Road, Trumbull, Connecticut 06611-4139, New Tower, EBI Project No: 61096787

Dear Laura Mancuso:

Thank you for informing the Delaware Tribe on the proposed construction associated with the above referenced project. Our review indicates that there are no religious or culturally significant sites in the project area. As such, we defer comment to your office as well as to the State Historic Preservation Office and/or the State Archaeologist.

We wish to continue as a consulting party on this project and look forward to receiving a copy of the cultural resources survey report if one is performed. We also ask that if any human remains are accidentally unearthed during the course of the survey and/or the construction project that you cease development immediately and inform the Delaware Tribe of Indians of the inadvertent discovery.

If you have any questions, please feel free to contact this office by phone at (918) 335-7026 or by e-mail at bobermey@emporia.edu.

Sincerely,

Brice Obermeyer

Brice Obermeyer
Delaware Tribe Historic Preservation Office
1417 West St
Emporia, KS 66801

RECEIVED
JAN 05 2010
By

The Delaware Nation
Cultural Preservation Office
P.O. Box 825 - 31064 State Highway 281- Anadarko, OK 73005
Phone: 405/247-2448 – Fax: 405/247-8905

NAGPRA ext. 1182
Section 106 ext. 1180
Museum ext. 1180
Library ext. 1196

Date: 1-21-10

Company: EBI Consulting

TCNS#/County/State:

56281, Trumbull, Connecticut

To Whom It May Concern:

The Delaware Nation received a letter regarding the above referenced project(s). The Delaware Nation is committed to protecting sites important to tribal heritage, culture and religion. Furthermore, the tribe is particularly concerned with archaeological sites that may contain human burial remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find the Lenape people occupied these areas either historically or prehistorically. However, the location of the project does not endanger known sites of interest to the Delaware Nation. Please continue with the project as planned. However, should this project inadvertently uncover an archaeological site or object(s) we request that you immediately contact the appropriate state agencies, as well as the Delaware Nation (within 24 hours). Also, we ask that you halt all construction and ground disturbing activities until the tribe and these state agencies are consulted.

Please note the Delaware Nation, The Delaware Tribe Of Indians and the Stockbridge-Munsee Band of Mohican Indians are the only Federally Recognized Delaware/Lenape entities in the United States and consultation must be made only with designated staff of these three tribes. We appreciate your cooperation in contacting the Delaware Nation. Should you have questions, feel free to contact our offices at 405/247-2448 ext. 120 or by email tfrancis@delawarenation.com.

Sincerely,

Tamara Francis
Cultural Preservation Director

Michelle Egan

From: towernotifyinfo@fcc.gov
Sent: Thursday, January 14, 2010 1:15 PM
To: lmancuso@ebiconsulting.com
Cc: tcns.fccarchive@fcc.gov; KKnowles@mptn-nsn.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 58281) - Email ID #2392960

Dear Laura L Mancuso,

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 THPO Kathleen Knowles of the Mashantucket Pequot Tribe in reference to Notification ID #58281:

Dear Ms Mancuso,
Regarding Notification ID # 58281, based on a review of the information provided, there does not appear to be any impact on potentially significant religious and cultural resources for the Mashantucket Pequot Tribe.
Kathleen Knowles,
Tribal Historic Preservation Officer
Mashantucket Pequot Tribe

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

Notification Received: 11/20/2009
Notification ID: 58281
Tower Owner Individual or Entity Name: T-Mobile USA
Consultant Name: Laura L Laura
Street Address: 21 B Street
City: Burlington
State: MASSACHUSETTS
Zip Code: 01803
Phone: 717-779-9683
Email: lmancuso@ebiconsulting.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 41 deg 14 min 4.0 sec N
Longitude: 73 deg 13 min 8.0 sec W
Location Description: 158 Edison Road
City: Trumbull
State: CONNECTICUT
County: FAIRFIELD
Ground Elevation: 92.7 meters
Support Structure: 42.7 meters above ground level
Overall Structure: 52.8 meters above ground level
Overall Height AMSL: 145.5 meters above mean sea level

Narragansett Indian Tribal Historic Preservation Office
Section 106 Review
Consultation Response Form

TCNS Notification ID Number:	58281
Project Name/Identifying Number *(if applicable)*	Cel0916787
Consultant/Environmental Firm:	EBI Consulting
Site Address or Location Description:	158 Edison Rd
City, State:	Trumbull, CT
Point of Contact	Ashley Bonavenia

Response:

☐ We have no comments related to the proposed project.

☒ NITHPO's site examination revealed no indicators of the presence of past tribal cultural resources. On behalf of the Narragansett Indian Tribe, the NITHPO considers this project in compliance with and cleared of the Narragansett Tribe's section 106 concerns. NITHPO anticipates no inadvertent encounters by you or your client with significant intact cultural resources (burials, village sites or ceremonial sites).

☐ Based on information provided to us the site is not to include any ground disturbance and is therefore found to be in compliance with and cleared of the Narragansett Tribe's section 106 concerns.

☐ NITHPO's site examination revealed probable indicators of the presence of past tribal cultural resources, and recommends the following actions:

_____

_____

_____

_____

Exception: *If archaeological materials or human remains are encountered during construction, the Narragansett Indian Tribal Historic Preservation Office and applicable Historic Preservation Office(s) will be notified.*

Sequahna C Mars
Sequahna Mars, Project Manager, NITHPO

10/12/10
Date

Narragansett Indian Tribal Historic Preservation Office
P.O. Box 350
Wyoming, RI 02898
Email: Sequahna@yahoo.com
Phone: 401-419-2959

EXHIBIT Q

COHEN and WOLF P.C. ATTORNEYS AT LAW

JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

December 23, 2009

VIA FEDERAL EXPRESS

The Honorable Timothy M. Herbst
First Selectman
Town of Trumbull
Town Hall, 2nd Floor
5866 Main Street
Trumbull, CT 06611

Re: Proposed Development of a Telecommunications Facility
158 Edison Road, Trumbull, Connecticut

Dear Selectman Herbst:

This office represents T-Mobile Northeast LLC, a subsidiary of T-Mobile USA, Inc. d.b.a. T-Mobile ("T-Mobile"). T-Mobile anticipates filing an application for a *Certificate of Environmental Compatibility and Public Need* for the construction, maintenance and operation of a telecommunications facility at 158 Edison Road, Trumbull, (the "Site"). Pursuant to Connecticut General Statutes § 16-50*l*(e), please find enclosed a copy of the technical report regarding the Site. The technical report includes information regarding the public need for the facility, the site selection process, and the environmental effects of the facility.

The Town of Trumbull (the "Town") may conduct public hearings and meetings as it deems necessary to provide recommendations or comments to T-Mobile concerning the proposed Site. If a hearing or meeting is scheduled, we request notice and would be pleased to provide an informational summary of the proposal. If the Town has any recommendations or comments, it must provide them to us within sixty (60) days of the receipt of this filing.

We would like to meet with you or your designee to review the proposed project and will contact you next week to set up an appointment at your convenience.

1115 Broad Street
P.O. Box 1821
Bridgeport, CT 06601-1821
Tel: (203) 368-0211
Fax: (203) 394-9901

158 Deer Hill Avenue
Danbury, CT 06810
Tel: (203) 792-2771
Fax: (203) 791-8149

320 Post Road West
Westport, CT 06880
Tel: (203) 222-1034
Fax: (203) 227-1373

657 Orange Center Road
Orange, CT 06477
Tel: (203) 298-4066
Fax: (203) 298-4068

COHEN and WOLF PC ATTORNEYS AT LAW

If you have any questions, please do not hesitate to contact me directly.

Very truly yours,

Jesse A. Langer

JAL:dlm
Enclosures (2)

cc: Julie D. Kohler, Esq., (*w/encl.*)

bcc: Mr. Hans Fiedler (*w/encl.*)
Ms. Jamie Ford (*w/encl.*)
Ms. Amy English (*w/o encl.*)
Mr. Ray Vergati (*w/o encl.*)

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COHEN and WOLF P.C.
ATTORNEYS AT LAW

JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

March 25, 2010

VIA FEDERAL EXPRESS AND
VIA FACSIMILE: (#1-203-227-2443)

Douglas E. LoMonte, Esq.
Berchem, Moses & Devlin, P.C.
27 Imperial Avenue
Westport, CT 06880

Re: Proposed Development of a Telecommunications Facility
158 Edison Road, Trumbull, Connecticut

Dear Attorney LoMonte:

Per the request of the Police Union, please find enclosed a copy of the Engineering Report, prepared by Ronald E. Graiff, P.E. Mr. Graiff prepared an independent report regarding radio frequency ("RF") exposure in connection with T-Mobile's proposal for a telecommunications facility at 158 Edison Road, Trumbull ("Facility"). The Engineering Report concludes that any RF exposure by the proposed Facility would be well within the legal standards established by the Federal Communications Commission. It is T-Mobile's hope that the Engineering Report alleviates any concerns expressed by the Police Union regarding the safety of the proposed Facility. I ask that you kindly forward the Engineering Report to First Selectman Herbst and Police Chief Kiely.

T-Mobile has engaged in a thorough, interactive consultation with the Town regarding the proposed Facility. As such, T-Mobile anticipates filing its Application for a Certificate of Environmental Compatibility and Public Need for the proposed Facility in April, 2010. Regardless, do not hesitate to contact me with any questions.

Very truly yours,

Jesse A. Langer

JAL:dlm
Enclosure

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ENGINEERING REPORT

RADIO FREQUENCY EXPOSURE REPORT DEMONSTRATING COMPLIANCE BY MEASUREMENT AND CALCULATION WITH THE EXPOSURE GUIDELINES OF THE FEDERAL COMMUNICATIONS COMMISSION BULLETIN OET-65 FOR THE ADDITION OF A NEW MONOPOLE AND TRANSMITTING EQUIPMENT ON AN EXISTING PUBLIC SAFETY TRANSMISSION SITE AT TRUMBULL POLICE HEADQUARTERS, 158 EDISON ROAD, TRUMBULL, CONNECTICUT, SITE # CT FF481

Prepared for

T-MOBILE NORTHEAST, LLC
35 GRIFFIN ROAD
BLOOMFIELD, CT 06002
ATTN: HANS FIEDLER, 3G PROJECT MANAGER

Prepared by

Ronald E. Graiff, P.E.
Radio Frequency Consulting Engineer
52 Bogus Hill Road
New Fairfield, CT 06812
203 746 7600

February 27, 2010

INTRODUCTION

This report was prepared on behalf of T-Mobile Northeast, LLC ("T-Mobile") to determine, by measurement, the Radio Frequency Radiation ("RFR") existing and by calculation, the combined RFR resulting from the construction of a new monopole and addition of T-Mobile GSM and UMTS transmitting equipment at The Town of Trumbull Police Headquarters, 158 Edison Avenue, Trumbull, CT. The site presently is the location of a 100 foot high tower that supports numerous public safety antennas. Upon completion of the construction of the new monopole, the existing tower will be dismantled and the public safety antennas will be relocated to the top of the new 150 foot monopole. The measurements were performed and recorded on February 24, 2010 by the undersigned and witnessed by representatives from T-Mobile, the Trumbull Police Department Union and Northeast Communications.

SUMMARY

The results of the measurements indicate that the RFR fields on the ground in the immediate vicinity of the tower, inside police headquarters and on the roof of the police headquarters building resulting from the operation of the existing radio transmitters are significantly below the non occupational standards set forth in FCC Document OET-65 (*Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields*). Specifically, at those points measured the adjusted measured field intensities varied from 3.0% to 48.9% of the Maximum Permitted Exposure ("MPE") standard for non-occupational exposure. To this percentage, the calculated MPE of the proposed T-Mobile operation of 4.7% must be added, resulting in a maximum level of non-occupational MPE of 53.6%.

It is important to note that the highest reading recorded of existing transmission systems was on the roof of the building in the immediate vicinity of a low band transmitting antenna located directly on the roof. As the proposed monopole will support this antenna, and the other antennas currently located at relatively low heights on the existing tower above the roof, on either the top or near the top of the proposed monopole, it can be expected, without hesitation, that the resulting fields from these antennas will be reduced even further. *This action, in the professional opinion of the undersigned, will result in actual levels of RF exposure less than reported herein.*

There is no question that the site, as presently configured and with the addition of the T-Mobile equipment, will be well within any local, state, federal or international exposure standards.

MEASUREMENT PROTOCOL

Measurements of MPE were made with a NARDA model 8715 survey meter and a NARDA electric field probe B8742D, both recently calibrated. The benefit of utilizing such a meter and probe combination is that any RF fields measured by the equipment are "shaped" as to the requirements of IEEE C95-1 (OET-65 requirement) and summed to read directly as a percentage of MPE. Figure 1 is the shaped exposure response that is specified in Bulletin OET-65.

The measurement protocol consisted of 7 measurements taken in the immediate vicinity of the existing tower, within the building and on the roof of the building. The existing tower is remarkable in that it supports fire department, police and town municipal transmission facilities. It was determined by observation that current emitters on the existing tower operate with in the range of 30 MHz through 890 MHz well within the measurement capability of the equipment employed. Figure 2 indicates the points of measurement.

The monitoring equipment was zeroed in an RF free environment according to the manufacturer's requirements prior to the measurement procedure. During the period of measurement, the equipment was occasionally re-zeroed. Prior to each measurement, the peak hold feature was turned on and off to insure new readings at each point.

At each point the field was probed at a distance of 6 feet above the ground by utilizing a circular motion of the probe in front of the operator, while the probe, itself, was rotated about its axis to insure measurement of any off vertical axis fields. In addition the operator both approached and moved away from the structure to reduce the affects of standing waves. The peak hold feature of the survey meter was utilized to insure that the peak reading was recorded. After a reasonable period time of (minimum 3 minutes) of measurement at each point, the observer recorded the reading on the measurement equipment.

During the measurement protocol, the representative from Northeastern Communications directed operators at a nearby public dispatch point to activate radio transmitters with antennas on the tower that are not normally activated from the police headquarters building. This action resulted in measurements that took into consideration all current emitters at the site.

DATA INTERPRETATION

The raw data were taken and analyzed according to the precision in the measurement procedure. Specifically, the following modifications were made to the data. The overall precision associated with the measurements (which results from instrument limitations and accuracy as well as field interactions between the instrument and the operator) of RF power density is plus or minus 2 dB (+58%, -37%). So as to be as conservative as

possible, the recorded data were multiplied by a factor of 1.58 (58%). Table 1 is a presentation of the raw and modified measurements.

CALCULATION ANALYSIS METHOD

The methodology utilized in this report, including formulae and assumptions, is that which is specified in FCC report OET-65 "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields." This methodology is generally recognized and accepted by the world standards setting organizations for RF environments and utilizes the attenuation of any field in an inverse law fashion as in the following formula:

FOR THE FAR FIELD

$$S_{max} = \frac{1.64(ERP)}{\pi R^2}$$

S_{max} = Power density at point in question assumes a 100% ground reflection (resulting in a doubling of the field strength and a four-fold increase in power density)

ERP = the effective radiated power of all of the transmitters feeding the antenna

R = the slant line distance from the antenna to the point of exposure at six (6) feet above the ground

In addition the methodology assumes **that** ***every transmitter at the site is operating continuously and at its maximum power and that all of the energy produced by every transmitter adds in perfect phase and that any energy directed toward the ground is 100 percent reflected resulting in the theoretically greatest field that can be achieved.*** These assumptions are conservative since the probability of all transmitters operating simultaneously and continuously is not likely, the energy produced by each transmitter is not in phase and will not add, and the ground absorbs, not reflects, a majority of the energy directed toward it. Experience in the field has shown that the actual level of RF energy produced by the operation of facilities as proposed is much less than predicted.

The technical specifications of the proposed T-Mobile operation are indicated in Table 2 attached to this report.

CONCLUSION

This report is an analysis of the measured RF fields in the vicinity of the proposed T-Mobile monopole installation at Trumbull Police Headquarters, Trumbull, Connecticut. To these fields, the calculated expected fields resulting from the proposed T-Mobile equipment must be added. The adjusted data indicate that at any area in the immediate vicinity of the structure the maximum level of RF energy associated with the simultaneous and continuous operation of all existing transmitters at the site will be less than 48.9% of the non occupational safety criteria adopted by the FCC as mandated by the Telecommunications Act of 1996. To this level, the calculated fields of the proposed operation of 21 micro watts per square centimeter (GSM) and 26 microwatts per square centimeter (UMTS), which corresponds to 4.7% MPE, must be added, resulting in a combined maximum exposure of 53.6% MPE of the non occupational exposure limits and less than 53.6% of the non occupational exposure limits of ANSI, IEEE, NCRP and the limits of all states that regulate RF exposure.

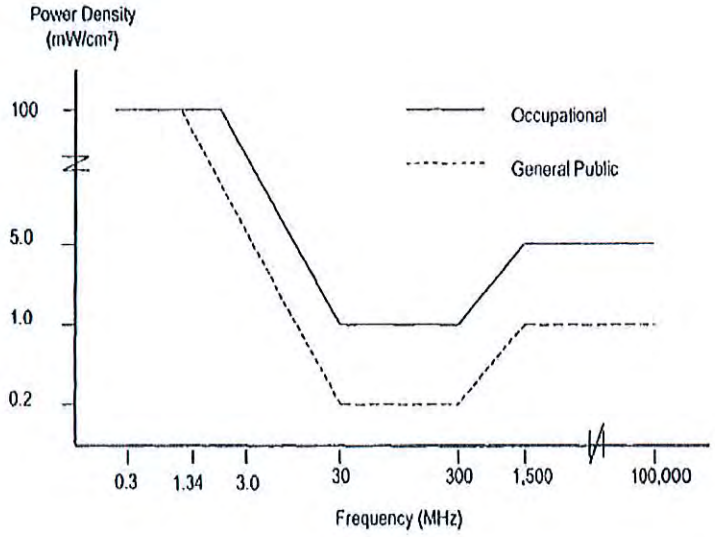
There is no doubt that the site when constructed will be well below the guidelines of FCC Bulletin OET-65 and in full compliance with Federal and State regulations.

FIGURE 1

SHAPED EXPOSURE LIMITS FROM FCC BULLETIN OET-65

Frequency Range (F) (MHz)	Occupational Exposure (mW/cm^2)	General Public Exposure (mW/cm^2)
0.3 - 1.34	100	100
1.34 - 3.0	100	$180 / F^2$
3.0 - 30	$900 / F^2$	$180 / F^2$
30 - 300	1.0	0.2
300 - 1,500	F / 300	F / 1500
1,500 - 100,000	5.0	1.0

The diagram below provides a graphical illustration of both the FCC's occupational and general population MPE limits.



Because the FCC's RF exposure limits are frequency-shaped, the exact MPE limits applicable to the instant situation depend on the frequency range used by the systems of interest.

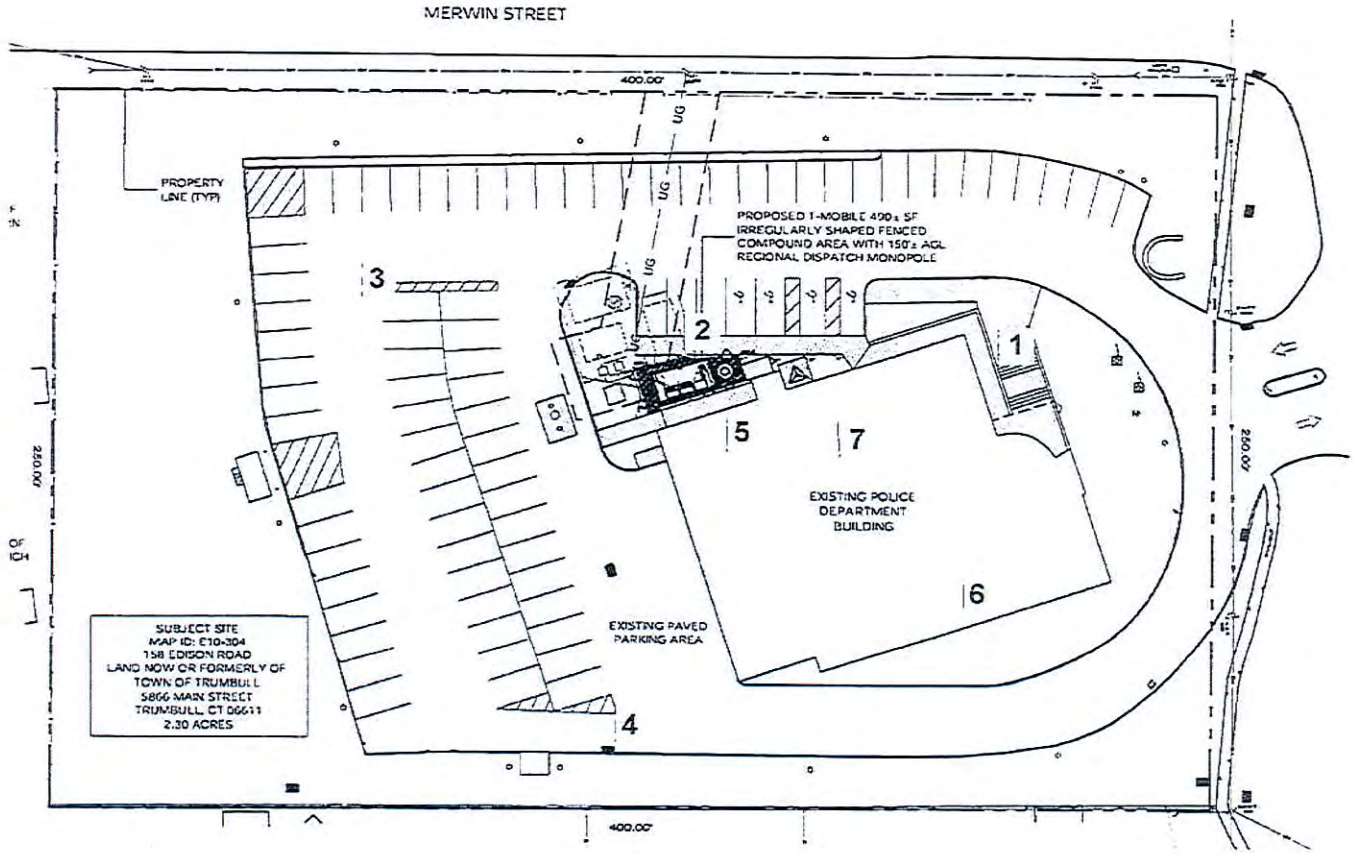


FIGURE 2

MEASUREMENT LOCATIONS
TRUMBULL POLICE DEPARTMENT

TABLE 1

PERCENT OF MPE ADJUSTED
Raw data multiplied by 1.58

MEASUREMENT POINT	RAW DATA (%MPE)	ADJUSTED DATA (%MPE)
1	1.9	3.0
2	5.0	7.9
3	6.3	9.95
4	5.1	8.06
5	5.7	9.01
6	4.7	7.43
7	31.0	48.9

TABLE 2

PROPOSED SITE OPERATING PARAMETERS[1]

GSM

NUMBER OF RADIO CHANNELS	6/sector/ max
SECTORS	3
EFFECTIVE RADIATED POWER PER CHANNEL	299.9 Watts
TRANSMITTER POWER OUTPUT PER CHANNEL	< 20 Watts
TRANSMIT ANTENNA CENTER HEIGHT ABOVE GROUND	150 Feet
ANTENNA TYPE	APX-16DWV
FREQUENCY	1945 MHz

UMTS

NUMBER OF RADIO CHANNELS	2/sector/ max
SECTORS	3
EFFECTIVE RADIATED POWER PER CHANNEL	1196 Watts
TRANSMITTER POWER OUTPUT PER CHANNEL	< 40 Watts
TRANSMIT ANTENNA CENTER HEIGHT ABOVE GROUND	150 Feet
ANTENNA TYPE	APX-16DWV16DWV
FREQUENCY	2150 MHz

[1] Information provided by T-Mobile Northeast, LLC

AFFIDAVIT

COUNTY OF FAIRFIELD)
)
STATE OF CONNECTICUT)

Ronald E. Graiff, being first duly sworn, deposes and states that he is a Licensed Professional Engineer in the State of New York; that he is a graduate electrical engineer with a Bachelor of Science in Electrical Engineering from The Pennsylvania State University; that he is familiar with the guidelines for human exposure to electromagnetic emissions that have been adopted by the FCC; and that he has performed many power density measurements of the type presented herein. He further states that this engineering report has been prepared for T-Mobile Northeast, LLC to determine RF exposure levels by measurement and calculation in the vicinity of a proposed monopole installation at Trumbull Police Headquarters, Trumbull, Connecticut. He further states that the measurements and calculations contained therein were performed by him and that the statements contained therein are true of his own personal knowledge except to those stated to be on information and belief and, as to those statements, he believes them to be true and correct.

Ronald E. Graiff, P.E.

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COHEN and WOLF P.C.
ATTORNEYS AT LAW

JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

July 15, 2011

VIA REGULAR MAIL AND ELECTRONIC MAIL

Mario F. Coppola, Esq.
Berchem, Moses & Devlin, P.C.
27 Imperial Avenue
Westport, CT 06880

Re: Proposed Development of a Telecommunications Facility 158 Edison Road, Trumbull, Connecticut

Dear Attorney Coppola:

I write with respect to the telecommunications facility proposed by T-Mobile Northeast LLC ("T-Mobile") at 158 Edison Road, Trumbull, Connecticut ("Facility"). This letter summarizes the changes to the Facility after the extensive municipal consultation T-Mobile undertook with the Town of Trumbull ("Town").

General Statutes § 16-50l (e) requires T-Mobile to consult with the Town over a 60 day period prior to filing an Application for Certificate of Environmental Compatibility and Public Need for a telecommunications facility. That 60 day period commences upon the date T-Mobile files a "technical report" with the Town. T-Mobile filed its technical report with the Town on December 23, 2009.

With the technical report, T-Mobile explained its need for the Facility and introduced the Facility in its initial configuration, as proposed at 158 Edison Road, Trumbull, Connecticut ("Property"). T-Mobile currently experiences a coverage gap along Route 15, Main Street and Highgate Road, as well as the areas surrounding the Property. Additionally, the Town expressed a need to replace the existing 100 foot lattice tower located on the Property, which is outdated and insufficient to address the Town's fire, police and emergency services communication needs. The Town has stated that it would need a new regional dispatch platform situated atop the monopole. According to the Town, a platform for emergency services at this height would allow the Town to overcome the topography of the area, as well as provide much needed coverage and allow for future growth. The Town specified the design for the regional dispatch platform.

The Facility's initial configuration included a 150 foot monopole, with T-Mobile's antennas mounted on T-arms at 140 feet above grade level ("AGL"). The regional dispatch platform would sit atop the monopole and included 3 whip antennas at 10'3", 4 whip antennas at 17'6", 2 dipoles at 10'5" and 1 dipole at 23'4". The regional dispatch platform would consist of a circular platform with a walkway for maintenance workers. The total height of the Facility to the top of the tallest municipal antenna would be approximately 173'4" AGL.

T-Mobile determined that the Property was an excellent candidate for the Facility because (1) the Property is developed and currently serves as the Town's police station; (2) the Property hosts an existing 100 foot lattice tower in need of replacement; (3) T-Mobile could replace the existing lattice tower and provide the Town with a new structure for its emergency services equipment; and (4) the Facility would have a minimal impact on the environment.

T-Mobile confirmed that the Property was an excellent site for the Facility with an extensive environmental and visual evaluation. T-Mobile conducted an additional balloon float at the request of the State Historic Office ("SHPO") to determine whether the Facility would have an adverse impact on sensitive visual receptors such as the Merritt Parkway. On May 26, 2011, the SHPO opined that the Facility would not have an adverse impact.

Despite the comprehensive environmental assessment and the favorable SHPO opinion, T-Mobile engaged in an extensive consultation with the Town – a consultation well beyond that required by the General Statutes. This consultation spanned more than 18 months, including many meetings with Town officials and the community, as well as the retention of an independent radio frequency ("RF") consultant. The RF consultant performed a field study and concluded that the Facility would produce RF emissions well below any local, state, federal or international exposure standards and would reduce some of the current exposure levels as the municipal equipment would be elevated to a greater height on the proposed Facility. T-Mobile also vetted the surrounding area for possible alternative sites, including an investigation of possible locations proposed by community participants.

As a result of this consultation, T-Mobile and the Town have agreed to reconfigure the Facility to reduce the visual impact as much as possible. The reconfiguration of the Facility (and, to some extent, the initial configuration) also accommodates a variety of requests made by members of the community. The reconfiguration includes the following:

1. T-Mobile would utilize flush mounting for its antennas, as opposed to T-arms;
2. T-Mobile would include privacy slats in the fencing to shield the Facility compound;
3. T-Mobile's equipment would be surrounded by an 8 foot fence;
4. T-Mobile's cables would be installed inside the monopole so that the cables are not visible above 6 feet AGL;
5. T-Mobile would only use lighting for the Facility when a technician performs maintenance on the Facility, which would normally occur during the day;
6. T-Mobile would construct the Facility to comply with all applicable codes (building, etc.);
7. T-Mobile's equipment would comply with State and local noise standards;
8. The Town would use a slim profile platform as opposed to the walk-around platform;
9. The Town would use fiberglass, slim line whip antennas, as opposed to dipoles, for the regional platform;
10. The Town would paint the regional platform antennas sky blue to blend with the sky background;
11. The Town would reduce the overall height of the Facility from 173'4" to 171'6" by reducing the height of the regional platform antennas; and
12. The Town would reduce the height of many of the whip antennas on the regional platform as follows: 3 whip antennas at 3'2", 2 whip antennas at 9'6", 4 whip antennas at 16" and 1 whip antenna at 21'6".

COHEN and WOLF P.C.
ATTORNEYS AT LAW

T-Mobile's proposed Facility is the product of an extensive consultation with the Town's officials, the Town's consultants and the community. The reconfigured Facility incorporates several stealth measures, which will help minimize the visual impact of the Facility.

Very truly yours,

Jesse A. Langer

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EXHIBIT R

sitesafe
rf compliance experts

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703.276.1100 703.276.1169 fax
FAA@sitesafe.com www.sitesafe.com

FAA Aeronautical Evaluation

Police Station
Edison Rd.
CTFF481

For more information contact:
faa@sitesafe.com
770.205.1173 phone
703.997.8605 fax

sitesafe
rf compliance experts

SITE SPECIFIC EVALUATION
FOR
Client Site Name: Police Station Edison Rd.
Client Site Number: CTFF481
Client Site Location: Trumbull CT.

Client/Requestor Name: Jamie Ford Date:3/4/10
Company Name: T-Mobile
Address: 35 Griffin Rd, S.
Address: Bloomfield, CT. 06002

This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.

EXECUTIVE SUMMARY OF FINDINGS

- **The maximum height that can be built at this site without notice to the FAA is 200 feet AGL or 522 feet AMSL.**
- Maximum No Extended Study height at this site is 497 AGL, or 819 AMSL.
- Maximum No Hazard height at this site is 500 AGL, or 822 AMSL.
- Maximum no marking and lighting height at this site is 200 AGL, or 522 AMSL.

SITE DATA SUBMITTED FOR STUDY

Type of Structure:	Antenna	
Coordinates of site:	Lat:	41° 14' 3.67"
	Long:	73° 13' 7.54"
	Datum:	NAD 83

Site Ground Elevation:	322
Total Height above the ground of the entire structure (AGL):	173
Overall height of structure above mean sea level (AMSL):	495

***Note**: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*

AIRPORT AND HELIPAD INFORMATION

Nearest public use or Government Use (DOD) facility is Igor I Sikorsky Memorial.

This structure would be located 5.9 NM or 36329 FT from the airport on a bearing of 135 degrees true to the airport.

Nearest private use facility is General Electric.

This structure would be located 1.9 NM from the helipad on a bearing of 238 degrees true to the helipad.

FINDINGS

AM Facilities:
(The FCC protects AM transmission stations from possible electro magnetic interference for a distance of 1.9 statue miles(SM) for directional facilities, and .6 statue miles(SM) for non-directional facilities. Any antenna structures within these distances will most likely require a detuning evaluation of the site) ***(Sitesafe offers a full range of detuning services)***

For a free analysis of this site against the most current FCC data, go to our AM evaluation web site at http://sitesafe.com. A negative certificate can be generated, (on-line) if no conflict is found. If a conflict is found, our AM Detune department will contact you to discuss the findings.

This site was evaluated against the FCC's AM antenna database, and is not within an AM transmission area.

FCC Notice Requirements:
(FCC Rules, Part 17)

This structure does not require notification to the FAA or FCC based on these rules.

FAA EMI:
(The FAA protects certain air navigational aids and radio transmitters from possible electro-magnetic interference. The distance and direction are dependent on the type of facility be evaluated. Most of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)

This site would not affect any FAA air navigational aids or transmitters listed in the NFDC database.

Military Airspace:

This structure will not affect this airspace.

***Note**: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*

FAA Evaluation:

FAR Part 77 paragraph 13 (FAR 77.13). Construction or Alteration requiring notice:
(These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes only.)

This structure does not require notification to the FAA.

FAR Part 77 paragraph 23 (FAR 77.23). Standards for Determining Obstructions:
(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)

This structure does not exceed these surfaces.

MARKING AND LIGHTING

FAA Advisory Circular 70/7460-1

Marking and lighting is not required for this structure.

RECOMMENDATIONS OR ACTIONS

Sitesafe does not consider this site to be a hazard to air navigation as specified in FAR part 77.

☐ FAA Form 7460-1 accomplished.

☐ State notification accomplished.

***Note**: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*