

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NEW CINGULAR WIRELESS PCS, LLC (AT&T) FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A TELECOMMUNICATIONS TOWER FACILITY AT ST. MATTHEW LUTHERAN CHURCH AT 224 LOVELY STREET IN THE TOWN OF AVON DOCKET NO.

JANUARY 9, 2009

APPLICATION FOR CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED

New Cingular Wireless PCS, LLC ("AT&T") 500 Enterprise Drive Rocky Hill, Connecticut 06067

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LIST OF ATTACHMENTS

- 1. Statement of RF Need with Coverage Plots
- 2. Site Search Summary
- 3. Description and Design of Proposed Facility
- 4. Visual Resource Evaluation Report
- 5. FCC/NEPA Environmental Compliance Checklist
- 6. Relevant Correspondence with the Town of $Avon^1$
- 7. Correspondence with State Agencies
- 8. Certification of Service on Governmental Officials including List of Officials Served
- Legal Notice published in the <u>Hartford Courant</u>; Notice to Abutting Landowners;
 Certification of Service; List of Abutting Landowners
- 10. Connecticut Siting Council Application Guide

¹ A Copy of the Technical Report submitted to the Town is included in the Bulk Filing

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IN RE:

APPLICATION OF NEW CINGULAR WIRELESSDOCKET NO._____PCS, LLC (AT&T) FOR A CERTIFICATE OFENVIRONMENTAL COMPATIBILITY ANDPUBLIC NEED FOR THE CONSTRUCTION,JANUARY 9, 2009MAINTENANCE AND OPERATION OF AJANUARY 9, 2009TELECOMMUNICATIONS TOWER FACILITYAT ST. MATTHEW LUTHERAN CHURCH AT224 LOVELY STREET IN THE TOWN OF AVONDOCKET NO._____

APPLICATION FOR CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED

I. Introduction

A. Purpose and Authority

Pursuant to Chapter 277a, Sections 16-50g et seq. of the Connecticut General Statutes ("CGS"), as amended, and Sections 16-50j-1 et seq. of the Regulations of Connecticut State Agencies ("RCSA"), as amended, New Cingular Wireless PCS, LLC ("AT&T" or the "Applicant"), hereby submits an application and supporting documentation (collectively, the "Application") for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless communications facility (the "Facility") in the Town of Avon. The proposed Facility is a necessary component of AT&T's wireless network and its provision of personal wireless communications services and will allow service to be provided within the Town of Avon along Lovely Street (Route 177) and other local roads and adjacent areas. The Facility itself is proposed on property owned by St. Matthew Lutheran Church.

B. Executive Summary

The site of AT&T's proposed Facility is 224 Lovely Street/Route 177 at St. Matthew Lutheran Church. The proposed Facility consists of a new 100' monopole and associated unmanned equipment. AT&T would mount up to six (6) panel antennas on a low profile platform at a centerline height of 97' 8". A 12' by 20' equipment shelter will be installed adjacent to the tower within a 49' x 49' compound. Vehicular access to the Facility would extend from Greenwood Drive using an existing drive and parking area of the church and a new 30' gravel drive extension. Underground utilities would extend from an existing utility pole onsite to the compound.

Included in this Application and its accompanying attachments are reports, plans and visual materials detailing the proposed Facility and the environmental impacts associated therewith. A copy of the Council's Community Antennas Television and Telecommunication Facilities Application Guide with page references from this Application is also included in Attachment 10.

C. The Applicant

The Applicant, AT&T, is a Delaware limited liability company with an office at 500 Enterprise Drive, Rocky Hill, Connecticut 06067. The company's member corporation is licensed by the Federal Communications Commission ("FCC") to construct and operate a personal wireless services system, which has been interpreted as a "cellular system", within the meaning of CGS Section 16-50i(a)(6). The company does not conduct any other business in the State of Connecticut other than the provision of personal communications services ("PCS") under FCC rules and regulations.

Correspondence and/or communications regarding this Application shall be addressed to

the attorneys for the applicant:

Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, New York 10601 (914) 761-1300 Attention: Christopher B. Fisher, Esq.

A copy of all correspondence shall also be sent to:

AT&T 500 Enterprise Drive Rocky Hill, Connecticut Attention: Michele Briggs

D. Application Fee

Pursuant to RCSA Section 16-50v-1a(b), a check made payable to the Siting Council in the amount of \$1,000 accompanies this Application.

E. Compliance with CGS Section 16-50*l*(c)

AT&T is not engaged in generating electric power in the State of Connecticut. As such, the proposed Facility is not subject to CGS Section 16-50r. As such, the proposed Facility is not subject to CGS Section 16-50*l*(c).

II. Service and Notice Required by CGS Section 16-50/(b)

Pursuant to CGS Section 16-50*l*(b), copies of this Application have been sent by certified mail, return receipt requested, 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 included in Attachment 8. Pursuant to CGS 16-50*l*(b), notice of the Applicant's intent to submit this application was published on two occasions in <u>The Hartford Courant</u>, the paper utilized for publication of planning and zoning notices in the Town. A copy of the published legal notice is

included in Attachment 9. The publisher's affidavits of service will be forwarded upon receipt. Further, in compliance with CGS 16-50*l*(b), notices were sent to each person appearing of record as owner of a property which abuts 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 Attachment 9.

III. Statements of Need and Benefits

A. Statement of Need

As the Council is aware, the United States Congress, through adoption of the Telecommunications Act of 1996, recognized the important public need for high quality telecommunication services throughout the United States. The purpose of the Telecommunication Act 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). With respect to wireless communications services, 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 such authority and preempted State or local regulatory oversight in the area of emissions as more fully set forth in 47 U.S.C. § 332(c)(7). In essence, Congress struck a balance between legitimate areas of State and/or local regulatory control over wireless infrastructure and the public's interest in its timely deployment to meet the public need for wireless services.

The Facility proposed in this Application is an integral component of AT&T's network in its FCC licensed areas throughout the State. Currently, a gap in coverage exists along Route 177, also known as Lovely Street, and the surrounding area in the Town of Avon. The proposed

Facility, in conjunction with other existing and proposed facilities in Avon and the surrounding towns of Canton, Simsbury and Farmington is needed by AT&T to provide its wireless services to people living in and traveling through this area of the State. Attachment 1 of this Application also includes a Statement of Radio Frequency ("RF") Need and propagation plots which identify and demonstrate the specific need for a Facility in this area of Avon. The gap in coverage is significant in that it includes an important north-south State route (Route 177) as well as local roads and residences, and places of public assembly including St. Matthew Lutheran Church and Roaring Brook Elementary School.

B. Statement of Benefits

Carriers have seen the public's demand for traditional cellular telephone services in a mobile setting develop into the requirement for anytime-anywhere wireless connectivity with the ability to send and receive voice, text, image and video. Wireless devices have become integral to the telecommunications needs of the public and their benefits are no longer considered a luxury. People today are using their wireless devices more and more as their primary form of communication for both personal and business needs. Modern devices allow for calls to be made, the internet to be reached and other services to be provided irrespective of whether a user is mobile or stationary and provided network service is available. The Facility as proposed by AT&T would allow it and other carriers to provide these benefits to the public.

Moreover, AT&T will provide Enhanced 911 services from the site as required by the Wireless Communications and Public Safety Act of 1999 (the "911 Act"). The purpose of this Federal 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 that provide for the rapid,

efficient deployment of emergency services would enable faster delivery of emergency care with reduced fatalities and severity of injuries. With each year since 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 and hikers. Carriers are simply able to help 911 public safety dispatchers identify wireless caller's geographical locations within several hundred feet, a significant benefit to the community associated with any new wireless site.

C. Technological Alternatives

The FCC licenses granted to AT&T authorizes it to provide wireless services in this area of the State through deployment of its network of wireless transmitting sites. The proposed Facility is a necessary component of wireless networks. Repeaters, microcell transmitters, distributed antenna systems and other types of transmitting technologies are not a practicable or feasible means to providing service within the target area for this site which contains a significant coverage gap. As such, they were not considered by AT&T as an alternative to the proposed Facility. The Applicant submits that there are no equally effective, feasible technological alternatives to construction of a new tower Facility for providing reliable personal wireless services in this area of Connecticut.

IV. Site Selection and Tower Sharing

A. Site Selection

AT&T began its investigation of the area in 2007 aware that a gap in wireless coverage exists in western Avon along Route 177/Lovely Street (the "target area"). As a first step, AT&T conducted a search of the entire area in an attempt to identify any existing structures (towers, buildings, water tanks, etc.) that could be used as an alternative to a new tower. The target area

is largely residential and does not host any existing towers or tall structures appropriate for the siting of a wireless telecommunications facility. While the steeple of St. Matthew Lutheran Church was evaluated, it was determined to be too short to meet AT&T's needs.

As such, and only after determining that no existing structures could be used to provide the needed coverage in this area of Avon, AT&T commenced a search for tower sites. The search included the study of tax maps, planning and zoning files, review by AT&T radiofrequency engineers, investigative visits by AT&T consultants and discussions with the Town of Avon. The predominant land uses in the target area are single-family residential and there are no commercial properties in the area available for construction of a tower. AT&T identified eight or more properties in and out of the target area as potential candidates. For various reasons, these properties were either rejected by the property owners, are open space, or were not viable for coverage purposes. As detailed in Attachment 2, there simply are not significant siting options in this area of Town.

In June of 2008, AT&T entered into a lease for property at 177 Lovely Street for purposes of constructing a tower facility, a property located in the target area. As part of its ongoing dialogue with the Town, AT&T received correspondence from both the Town and the local school district indicating support for the proposed site. See Attachment 5 for copies of this correspondence. At this point in time the property is the only known viable location.

In October 2008 AT&T once again contacted the Town of Avon forwarding a Technical Report to in order to commence commencing formal consultation 177 Lovely Street site as required by Section 16-50*l* of the Connecticut General Statutes and prior to filing an application with the State Siting Council. AT&T subsequently met with the Planning and Zoning Commission on November 18, 2008 in order to receive comments and answer questions about

C&F: 1045008.2

the proposed site. As part of these discussions, the Town requested space on the proposed tower for municipal antennas. By correspondence dated November 20, 2008, AT&T offered to provide space to the Town for its municipal whip antennas. See Attachment 5.

B. Tower Sharing

To maximize co-location opportunities and minimize the number of potential towers needed by the carriers to provide service in the community, AT&T proposes a 100' monopole tower and facility compound that can accommodate at least two other carrier's antenna platforms in addition to Town of Avon public safety antennas. At this time, Verizon has expressed interest in future use of the Facility.

V. <u>Facility Design</u>

AT&T has leased a 2500 square foot area on an approximately 5.25-acre parcel of property owned by the St. Matthew Lutheran Church. The proposed Facility would consist of a 100' high self-supporting monopole within a 49' x 49' fenced equipment compound located behind the existing church, parsonage and other outbuildings on site. AT&T would install up to six (6) panel antennas on a platform at a centerline height of 97' 8"AGL and unmanned equipment cabinets within the compound. The compound would be enclosed by a stockade security fence.

Both the monopole and the equipment compound are designed to accommodate the facilities of two other wireless carriers and the Town of Avon equipment. Vehicle access to the facility would be provided by an existing paved drive and parking lot off of Greenwood Drive in addition to a new 30' gravel drive extension. Electric and telephone utilities would be extended underground from an existing utility pole onsite to the proposed facility. Attachment 3 contains the specifications for the proposed Facility including a site plan, a compound plan, tower

elevation, and other relevant details of the proposed Facility. Also included as Attachment 4 is a Visual Resource and Evaluation Report. Some of the relevant information included in Attachments 3 and 4 reveals that:

- The property is classified in the R-30 zoning district;
- Minimal grading and clearing of the proposed access drive and compound area would be required for the construction of the proposed Facility;
- The proposed Facility will have no impact on water flow, water quality, or air quality; and
- Offsite visibility of the Facility will be limited to primarily locations in close proximity to the site.

VI. Environmental Compatibility

Pursuant to CGS Section 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 proposed Facility will not have a significant adverse environmental impact.

A. Visual Assessment

The visual impact of the proposed Facility is not significant. Included in Attachment 4 is a Visual Analysis Report which contains a map and photosimulations of off-site views. As shown in the report and photosimulations, areas of visibility are expected primarily in close proximity to the site. Properties at higher elevations would have views of the tower facility with adjacent ridges as the backdrop as opposed to above the horizon views. Weather permitting,

AT&T will raise a balloon with a diameter of at least three (3) feet at the proposed Site 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 Agency Comments

The initial site search and municipal consultation with governmental entities, and other correspondence are summarized and included in Attachments 5-7. At a Federal and State level, AT&T initially submitted requests for review and comment to the Connecticut State Historic Preservation Officer ("SHPO") and United States Fish & Wildlife ("USFW"). A copy of SHPO's determination of "No Effect" dated June 20, 2008 is included in Attachment 7. By correspondence dated September 16, 2008 and September 19, 2008, the State Department of Environmental Protection ("DEP") indicated that there are records of the eastern box turtle, a state species of special concern, in the general vicinity of the property and off-site wetlands. No impacts are anticipated on any threatened or endangered species given the lack of habitat associated with this project in an open lawn next to the church.

As required, this Application is being served on other State and local agencies which may choose to comment on the Application prior to the close of the Siting Council's public hearing.

C. Power Density

In August 1996, the FCC adopted a standard for exposure to Radio Frequency ("RF") emissions from telecommunications facilities like those proposed in this Application. To ensure compliance with applicable standards, a maximum power density report was produced by AT&T and is included herein as Attachment 3. As demonstrated in this report, the calculated worst-case emissions from the site are only 13.9% of the MPE standard.

D. Other Environmental Factors

The proposed Facility would be unmanned, requiring monthly maintenance visits approximately one hour long. AT&T's equipment at the Facility would be monitored 24 hours a day, seven days a week from a remote location. The proposed Facility does not require a water supply or wastewater utilities. No outdoor storage or solid waste receptacles will be needed. Further, the proposed Facility will not create or emit any smoke, gas, dust or other air contaminants, noise, odors or vibrations. The construction and operation of AT&T's proposed Facility will have no significant impact on the air, water, or noise quality of the area.

AT&T utilized the FCC's TOWAIR program to determine if the Site would require registration with the Federal Aviation Administration ("FAA"). The TOWAIR program results for the Site, a copy of which is included in Attachment 3, indicate that registration with the FAA is not required for the proposed Facility let alone FAA review as a potential air navigation obstruction or hazard. As such, no FAA lighting or marking would not be required for the tower proposed in this Application.

AT&T has evaluated the Site in accordance with the FCC's regulations implementing the National Environmental Policy Act of 1969 ("NEPA"). The Site was not identified as a wilderness area, wildlife preserve, National Park, National Forest, National Parkway, Scenic River, State Forest, State Designated Scenic River or State Gameland. Further, according to the site survey and field investigations, no Federally regulated wetlands or watercourses or threatened or endangered species will be impacted by the proposed Facility. Federal Emergency Management Agency ("FEMA") Flood Insurance Rate Maps of the proposed site indicate that the Site is not located within a 100 year or 500 year floodplain. As such, and based on the information contained in Attachment 6, the Site is categorically excluded from any requirement for further environmental review by the FCC in accordance with NEPA and no permit is required

by that agency prior to construction of the proposed Facility. See 47 C.F.R. §§ 1.1306(b) and 1.1307(a).

VII. Consistency with the Town of Avon's Land Use Regulations

Pursuant to the Council's Application Guide, included in this section is a narrative summary of the consistency of the project with the local municipality's zoning and wetland regulations and plan of conservation and development. A description of the zoning classification of the Site and the planned and existing uses of the proposed site location are also detailed in this Section.

A. Avon's Plan of Conservation and Development

The Town of Avon's Plan of Conservation & Development ("Plan"), dated May 2, 2006, a copy of which is included in Section 2 of the Bulk Filing, does not address wireless services within the Avon community. However, the Town has reviewed the proposed Facility, offered its support and has requested that space be made available for the municipal antennas. In addition, Avon Public Schools has also submitted a letter indicating their support for the proposed Facility. Correspondence regarding municipal support is included in Attachment 5. It should also be noted that Route 177 is identified by the Town as an important arterial roadway serving the Town of Avon. (See Plan of Conservation and Development p. 65). Given the foregoing, the Applicant respectfully submits that the proposed Facility is consistent with the Town's overall planning objectives and will enhance town-wide wireless communications.

B. Avon's Zoning Regulations and Zoning Classification

The Site is classified in the Town of Avon's R-30 Zoning District. Communication towers, as described in the Town's Zoning Regulations, may be modified or replaced by special permit. (See Applicant's Bulk Filing, Section 1). Article IV, Section A(4) and (6) of the Zoning

Regulations set forth the standards for communications towers and setback requirements.

Consistency of the proposed Facility with these standards is illustrated in the table below. The

first two columns include the requirements of the Zoning Regulations and the third column

applies these standards to the proposed monopole Facility.

Section from the Zoning Regulations	Standard	Proposed Facility
IV(A)(4)(a)(4)	No strobe or white aviation lights permitted, only standard red aviation lights allowed	No lighting proposed. It is not anticipated that the monopole will require any lighting.
IV(A)(4)(a)(5) Setbacks	Setback from all street lines and property lines a distance equal to the height of the tower	The monopole will be setback at least a minimum distance of 100 feet (the height of the tower) from all street and property lines.
IV(A)(4)(a)(5)	Neither the tower nor the guy wires shall be placed in required yard areas (See "Side Yards" below)	The proposed tower is a self- supporting monopole and does not include any guy wires. The monopole is not located in a required yard area.
IV(A)(4)(a)(6)	No employees shall be employed on a regular basis at the site and no office or studio is permitted	No on-site employees are proposed. The site will be serviced by a technician approximately once per month. No office or studio is proposed.
IV(A)(4)(a)(7)	Compliance with applicable NIER standards.	In the worst-case scenario, the emissions of the proposed Facility would be only 13.9% of the Federally promulgated MPE standard.
IV(A)(6) Required Minimum Lot Size	30,000 s.f.	Lot size is approximately 5.25 acres (approximately 228690 s.f.)
IV(A)(6) Required	170 feet	Over 370 feet

C. Local Zoning Standards and Dimensional Requirements

Minimum Lot Width		
IV(A)(6) Front Yard	Arterial Streets ¹ : 60 feet	The proposed Facility is over 300 feet from Lovely Street
IV(A)(6) Side and rear Yards	30 feet	The proposed Facility is over 200 feet from the northern property line, over 100 feet from southern property line at Greenwood Drive and over 200 feet from the rear property line.

AT&T contacted the Town regarding the proposed Facility early in its search. In addition, the project has been reviewed by the Town's Planning and Zoning Commission and the only substantive request the Town has made to date regarding the Facility is that space be provided for municipal antennas on the tower, which AT&T is willing to provide. Please see November 20, 2008 correspondence to the Town included in Attachment 5. In light of the foregoing, we respectfully submit that the tower would be consistent with the Town's overall planning and zoning objectives.

C. Planned and Existing Land Uses

The proposed Facility will be located on an approximately 5.25 acre parcel used as a church. The parcel is located along an arterial roadway and is larger than most parcels in the area. Properties in the area immediately surrounding the subject site include low-density single family residential homes and open space. Consultation with municipal officials indicate no planned changes to the existing or surrounding land uses.

D. Avon's Inland Wetlands and Watercourses Regulations

The Town of Avon's Inland Wetlands Regulations ("Local Wetlands Regulations") regulate certain activities conducted in or adjacent to "wetlands" as defined therein. In this case, a review of available information regarding the site through Federal, State and local databases

¹ Route 177/Loveley Street is identified by the Town of Avon as an Arterial Street. Please see Bulk Filing Tab 3, Town of Avon Plan of Conservation and Development p. 65 and Map Number 11 "Plan of Circulation".

indicates the site is not located within a wetlands mapped on the National Wetland's Inventory and not within a 100-year of 500-year flood zone. Moreover, based on field investigations conducted at the Site, no wetlands soils were identified in or around the Site and the closest water body is the Roaring Brook located several hundred feet east of the site. No wetlands or watercourses are located within or near the site development area or access drive. As such, the proposed Facility will have no impact to wetlands or watercourses. In accordance with the Connecticut Soil Erosion Control Guidelines, as established by the Council of Soil and Water Conservation, soil erosion control measures and other best management practices will be established and maintained throughout the construction of the proposed Facility.

VIII. <u>Consultations with Local Officials</u>

CGS Section 16-50*l*(e) requires an applicant to consult with the 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 facility. As noted throughout this Application, the proposed tower at the Site was the subject of a number of discussions and communications with the Town. The site was identified in part as a result of initial consultations with the Town and subsequent correspondence has been supportive of this application. A Technical Report was filed with the Town on October 11, 2008. For the Council's convenience, a portion of the draft meeting minutes from the November 18, 2008 Town of Avon Planning and Zoning Commission are also included in Attachment 6.

IX. Estimated Cost and Schedule

A. Overall Estimated Cost

The total estimated cost of construction for the proposed Facility is \$200,000. This estimate includes:

- Tower and foundation costs (including installation) of approximately \$120,000;
- (2) Site development costs of approximately \$40,000; and
- (3) Utility installation costs of approximately \$40,000.

B. Overall Scheduling

Site preparation work would commence immediately following Council approval of a Development and Management ("D&M") Plan and the issuance of a Building Permit by the Town of Avon. The site preparation phase is expected to be completed within three (3) to four (4) weeks. Installation of the monopole, antennas and associated equipment is expected to take an additional two (2) weeks. The duration of the total construction schedule is approximately six (6) weeks. Facility integration and system testing is expected to require an additional two (2) weeks after the construction is completed.

X. <u>Conclusion</u>

This Application and the accompanying materials and documentation clearly demonstrate that a public need exists along Route 177 in the Town of Avon and surrounding areas for the provision of AT&T's wireless services to the public. The foregoing information and attachments also demonstrate that the proposed Facility at St. Matthew Lutheran Church will not have any substantial adverse environmental effects. The Applicant respectfully submits that the public need for the proposed Facility outweighs any potential environmental effects resulting from the construction of the proposed Facility at the Site. As such, the Applicant respectfully requests that the Council grant a Certificate of Environmental Compatibility and Public Need to AT&T for the proposed wireless telecommunications facility at St. Matthew Lutheran Church in the Town of Avon.

Respectfully Submitted,

By:

Christopher B. Fisher, Esq. Daniel M. Laub, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, New York 10601 (914) 761-1300 Attorneys for the Applicant

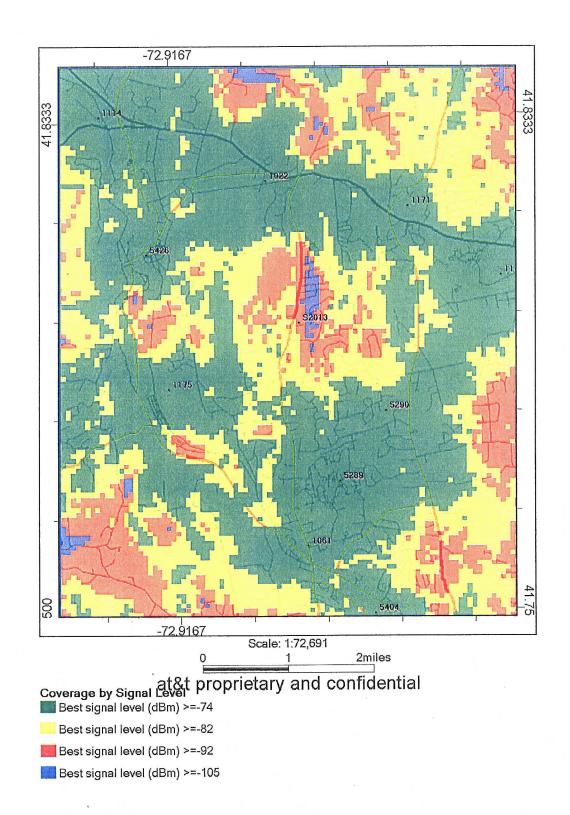
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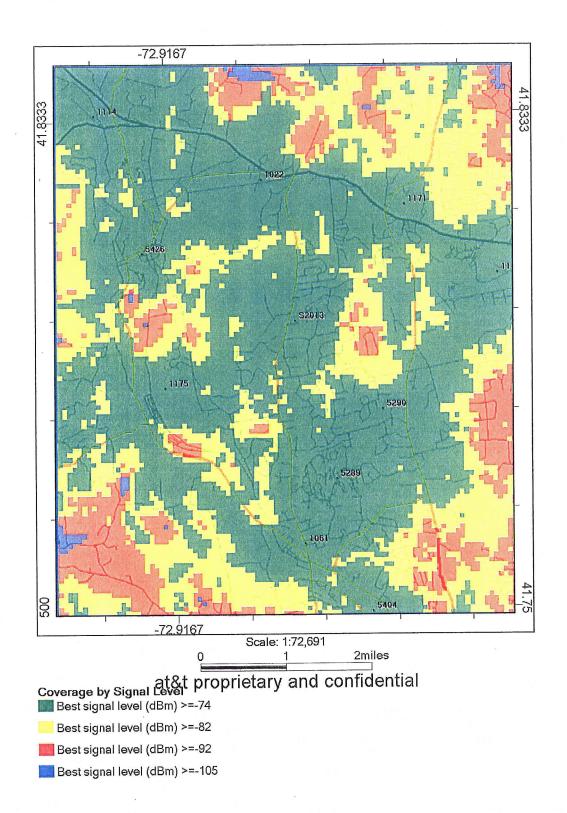
Statement of Public Need

The proposed facility will provide wireless communications service along Lovely Street (State Route 177) and surrounding areas in the Town of Avon. The facility is needed by AT&T in conjunction with other existing and proposed facilities in Avon and the surrounding towns of Canton, Simsbury and Farmington. Attached are coverage plots which depict the "Current Coverage" provided by AT&T's existing facilities in this area and "Proposed Coverage" from the proposed site with existing coverage from adjacent sites. A spreadsheet identifying AT&T's existing and proposed facility is attached and titled "Neighboring Site Data for CT-2013" which is the search ring number for the proposed site at Saint Matthew Lutheran Church. Additionally, a spreadsheet of all existing sites in and around Avon, Burlington, Canton Farmington and Simsbury as included on the Siting Council's Comprehensive List of Sites is also included. As clearly demonstrated by these materials, a facility in this area of Avon is required for AT&T to serve the public in this portion of the Town.









Neighboring Site Data for CT-2013

Site Number	Address	Antenna Height (ft AGL)
5426	4 Market Street, Canton	86
1022	14 Canton Springs Road, Canton	140
1171	530 Bushy Hill Road, Simsbury	104
5290	24 Ridgewood Road, Avon	66
5289	10 Redwood Lane, Avon	97
1061	82 Lovely Street, Farmington	102
1175	277 Huckleberry Hill Road, Avon	90

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Тоwn	Address	Tower Type	Owner	Height	carrier (1)	carrier (2)	carrier (3)	carrier (4)	carrier (5)	carrier (6)	carrier (7)	carrier (8)
Avon	ood Lane		Paul McGinn		t-mobile @ 106'	cing./at&t @ 100'	pocket @ 77'			-		
Avon	105 Darling Drive	water tank	Avon Water Co.	1	verizon @ 123'	nextel @ 102'						
Avon	24 Ridgewood Road	water tank	Avon Water Co.	66.00	cingular @ 55'	Verizon @ 66'						
Avon	277 Huckleberry Hill Road	other (wood)	Sprint	100.00	sprint @ 100'	cingular @ 90'						
Avon	375 Deercliff Road		Merideth Corporation									
Avon	376 Deercliff Road	guyed lattice	Pinnacle Towers Inc.	560.00	nextel @ 260'	t-mobile @ 250'	marcus @ 280'					
Avon	380 West Main Street	Flagpole	T-Mobile	48.5'	t-mobile @ 45'							
Avon	55 Darling Drive		Sprint/Nextel									
Avon	80 Darling Drive		Sprint/Nextel									
Ауоп	81 Montevideo Road	self-supporting lattice	Message Center Mgmt	150'	sprint @ 86'	t-mobile @ 147'						
Burlington	719 George Washington Tpke	self-supporting lattice	Burlington Fire Dept.	180.00	verizon @ 120'	cingular @ 170'						
Burlington	self-su Johnnycake Mountain lattice	self-supporting lattice	IWIM	100'								
Burlington	Nepaug and Lyon Roads	Monopole	New Cingular	120.00	cingular @ 120'/99'	sprint @ 110'	verizon @ 99'		-			
Canton	14 Canton Springs Road	Monopole	Canton Fire Dept	140.00	nextel @ 110'	verizon @ 120'	cingular @ 130'	t-mobile @ 100'	sprint @ 90'	cing/at&t @ 80'		
Canton	4 Hoffman Rd	Monopole	SNET/SCLP	150.00	SNET/SCLP @ 161	DPS @ 117'	cingular @ 154'					
Canton	4 Market Street	Rooftop			cingular @ 86'							
Canton	540 Cherrybrook Rd.	Monopole	SBA	150.00	verizon @ 150'	cing/at&t @ 140'						
Canton	650 Albany Turnpike Monopole	Monopole	Cellco	120.00	verizon @ ?	cingular @ 110'						
Canton	96 Powder Mill Rd.	Monopole	SBA	180.00	verizon @ 147'	cing/at&t @ 171'	cingular @ 137'	pocket @ 167'				
Farmington	1 Westerberg Drive	other (flagpole) Sprint	Sprint	156.00	sprint @ 150'	t-mobile @ 130'	nextel @ 120'	cingular @ 139'				
Farmington	130 Birdseye Road	Monopole	Sprint	140.00	cingular @ 131'	nextel @ 120'	verizon @ 110'					
Farmington	1371 Farmington Avenue	НА		84'	verizon @ 84'							

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Town	Address	Tower Type	Owner	Height	carrier (1)	carrier (2)	carrier (3)	carrier (4)	carrier (5)	carrier (6)	carrier (7)	carrier (8)
Farmington	2 School Street	church steeple		135'								
	209 Farmington Avenue	rooftop			sprint (TBD)							
	263 Farmington Ave	uttice	UCONN Health Center	80.00	t-mobile @ 130'	verizon @ 131' 80'/213'	cingular @ 80'/213'					
	319-321 New Britain Ave		тоwп	190.00	sprint @ 170'	cing/at&t @ 150'						
Farmington	40 Maple Ridge Road power mount		CL&P	65.00	t-mobile @ 77.5'							
Farmington	40B Songbird Lane	water tank		-66	cingular @ 86'	verizon @ 99.1						
Farmington	61 Main Street	church			verizon @ 95'							
Farmington	82 Lovely St	monopole	Spectrasite	102.00	cingular @ 102'	nextel @ 84'						
Farmington	Lot 40, Camp Road	water tower			sprint @ 77'							
Farmington	Rattlesnake Mountain guyed lattice	guyed lattice	Chase Family Limited Partner.	1292.00	united cable@ 500'	verizon @ 240'/87'	xm @ 460'	sprint @ 160'	cingular @ 140'			
Farmington	45 Maple Ridge Road power mount	power mount	CL&P (#8012)	100.00	sprint @ 100'	cingular @ 88'						
Farmington	Hyde Road/Executive Drive	monopole	New Cingular	150.00	cingular @ 150'	verizon @ 140'						
Simsbury	344 Firetown Road	Monopole	Simsbury Fire Dept	80'	t-mobile @ 77'							
Simsbury	345 Bushy Hill Road	monopole	Simsbury Fire Dept	80.00	t-mobile @ 77'			-				
Simsbury	530 Bushy Hill Road	stealth-flagpole Sprint	Sprint	120.00	sprint @ 118'	cingular @ 103'						
Simsbury	Grist Mill Road	monopole	Mariner Tower	150.00	cingular @ 150'	verizon @ 140' nextel @ 130'	nextel @ 130'	sprint @ 120'	t-mobile @ 110'	nesm @ 100'	town @ 90'	pocket @ 133'
Simsbury	Wintonbury Rd.	self-supporting lattice	CL&P/NU	100.00	sprint @ 80'	nextel @ 73'						
Simsbury	self-su 871 Hopmeadow Road lattice	self-supporting I lattice	Simsbury Fire Dept	140.00	cing/at&t @ 118'							

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Reserved for Exhibit # 2

Site Search Summary

To initiate its site selection process in an area where a coverage need or capacity problem has been identified, AT&T first establishes a "site search area". The site search area is a general geographical location where the installation of a wireless facility would address the identified coverage need and/or capacity problem, while still allowing for orderly integration of the site into AT&T's network based on the engineering criteria of hand-off, frequency reuse and interference. In any site search area, AT&T seeks to avoid the unnecessary proliferation of towers and to reduce the potential adverse environmental effects of a needed facility, while at the same time ensuring the quality of service provided by the site to users of its network.

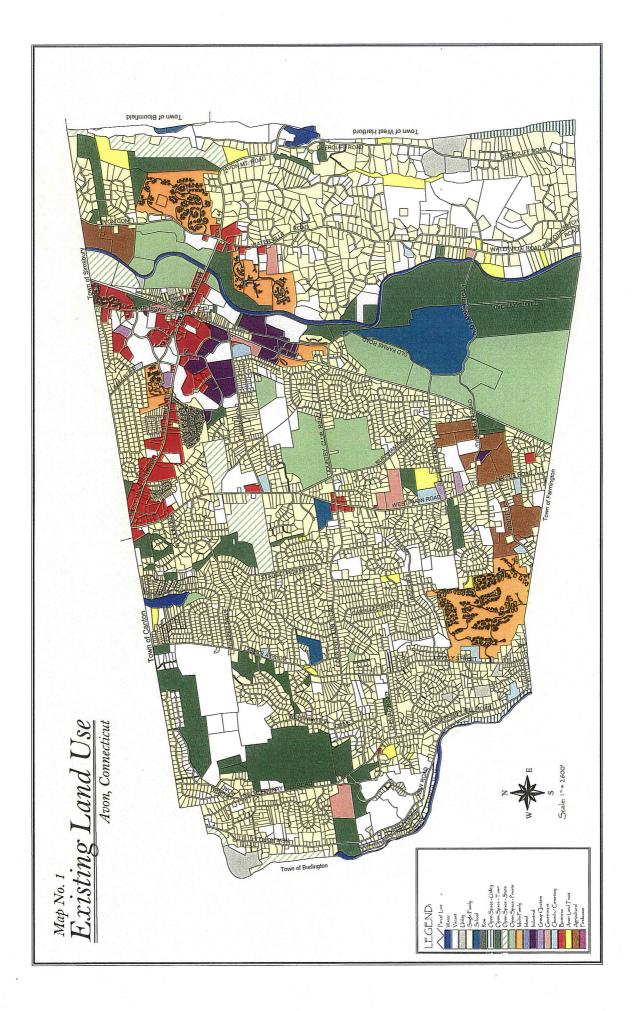
Attached is a marked Town tax map of AT&T's site search area established in western Avon in the vicinity of Lovely Street/Route 177. In this particular area of Town, there are no existing structures of sufficient height to address the coverage deficiencies in AT&T's network. As such, AT&T investigated several locations where the construction of a wireless facility might be feasible. Areas to the south of the search area and to the north and east of Lovely Street/Route 177 are predominantly residential with no locations acceptable for tower construction. The western side of the search area is also residential with the exception of the candidate proposed at St. Matthew Lutheran Church. While properties directly west of Lovely Street/Route 177 in the area of the search ring are not fully developed, they are largely open space or being held for residential development where the property owner is not interested in the construction of a tower on its property.

Additional sites in and outside the site search area were analyzed and found to be technically inadequate or otherwise infeasible for construction. Several of these sites as well as the proposed site are indicated on the attached tax map outlining investigated sites in pink. Descriptions of these sites are included below. These sites were generally rejected due either to the topography in the Avon site search area, the overall distance from the investigated site to the area where system coverage is needed or the inability to develop a tower at the site. Where applicable, the reasons for eliminating the site are set forth in the site description.

- 1. <u>224 Lovely St (Route 177)</u>: This is the proposed Site location. This 5.25 acre property is located on the eastern side of Lovely Street/Route 177. AT&T investigated the use of the existing church steeple on the Premises for the location of a wireless site. Such a steeple type facility was not approved by the landlord, was not feasible structurally and ultimately would not provide the necessary height for radio frequency signal propagation. As such a tower solution was pursued and agreed to by the property owner.
- 2. <u>183 Juniper Drive</u>: Did not meet radiofrequency engineering criteria. This site is north east of the proposed site very close to an area already served by AT&T site 1171 as demonstrated on the provided coverage maps. In addition, this parcel is town-owned open space which is not preferred for location of a tower.

- 3. <u>Governor's Horse Guard Location, 232 West Avon Road</u>: Did not meet radiofrequency engineering criteria. This site is located in close proximity to other existing sites already providing coverage including AT&T site 1171. In addition, this site is located on the opposite side of a ridge as demonstrated on the attached USGS maps and on the Town of Avon Zoning Map included in the Bulk Filing.
- 4. <u>Avon Volunteer Fire Department, 106 Secret Lake Road</u>: The property is north-northeast of the proposed site away from the coverage objective and towards an area of existing coverage for AT&T. This property is only 1/4 acre in size which is too small to reasonably locate a tower facility with co-location opportunities.
- 5. <u>Briarcliff Lake Swim Club, 107 Craigemore Circle</u>: The site is located north of the proposed site and away from the coverage objective. It is located in a floodplain and in close proximity to numerous residences and Secret Lake which would have a clear view of the structure.
- 6. <u>Brighenti Properties 99 Lovely Street, 165 Lovely Street and 225 Lovely Street</u>: This land owner holds a number of large parcel properties on the western side of Lovely Street. The owner has no interest in the placement of a telecommunications tower on their property as indicted in the response to AT&T's interest letter included. Representatives of AT&T were informed that 99 Lovely Street is slated for development sometime in the future. Two of the properties, 165 and 225 Lovely Street, are indicated as open space on the Town's Existing Land Use Map, included herein, and are not developable at this time.
- 7. <u>Vibert, 335 Lovely Street</u>: This property was investigated but not deemed appropriate due to certain site conditions. Discussions with the Town also did not indicate that this was a viable location.
- 8. <u>Roaring Brook Elementary School, 30 Old Wheeler Lane</u>: Discussions with the Town did not indicate that the school was available for the siting of a facility.
- 9. <u>Lamonica, 25 Frank's Way:</u> The site is south and east of the target area and contains ponds and wetlands.





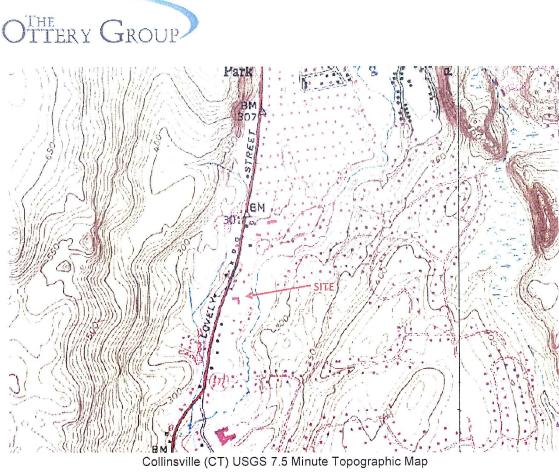
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Reserved for Exhibit # 3

Description and Design of Proposed Facility

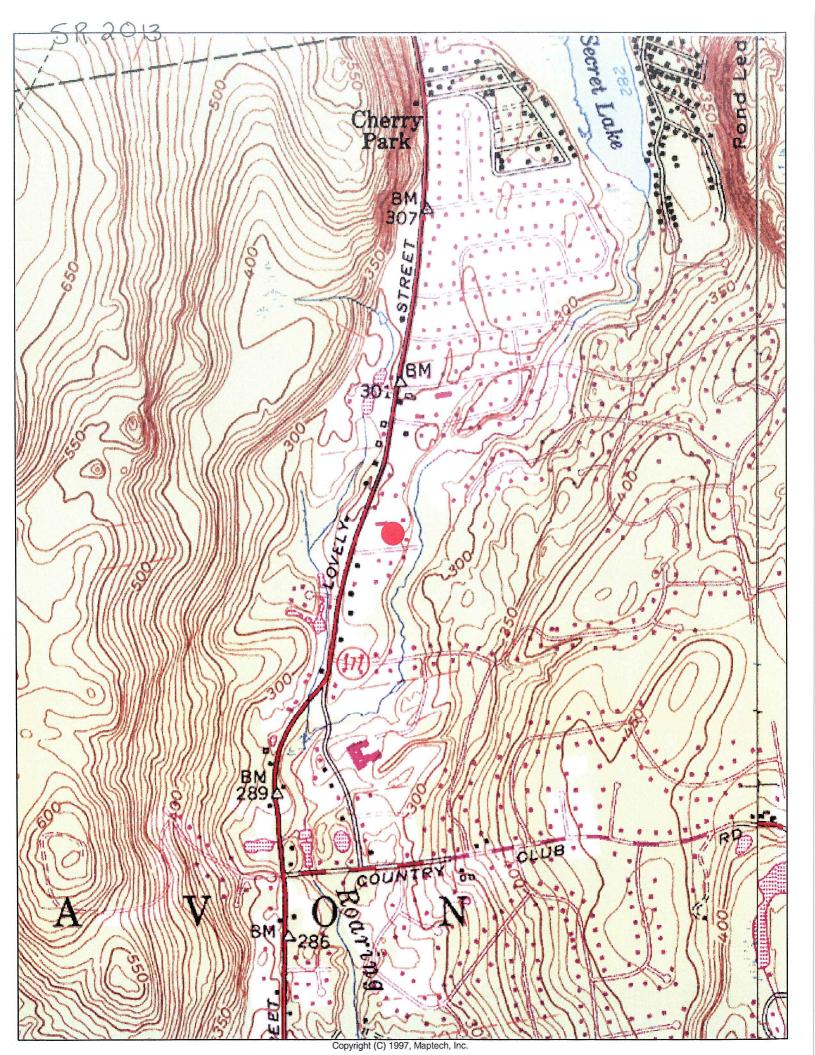
224 Lovely Street Land of St. Matthew Lutheran Church Tax ID: 3060228 4.2 Acre Parcel

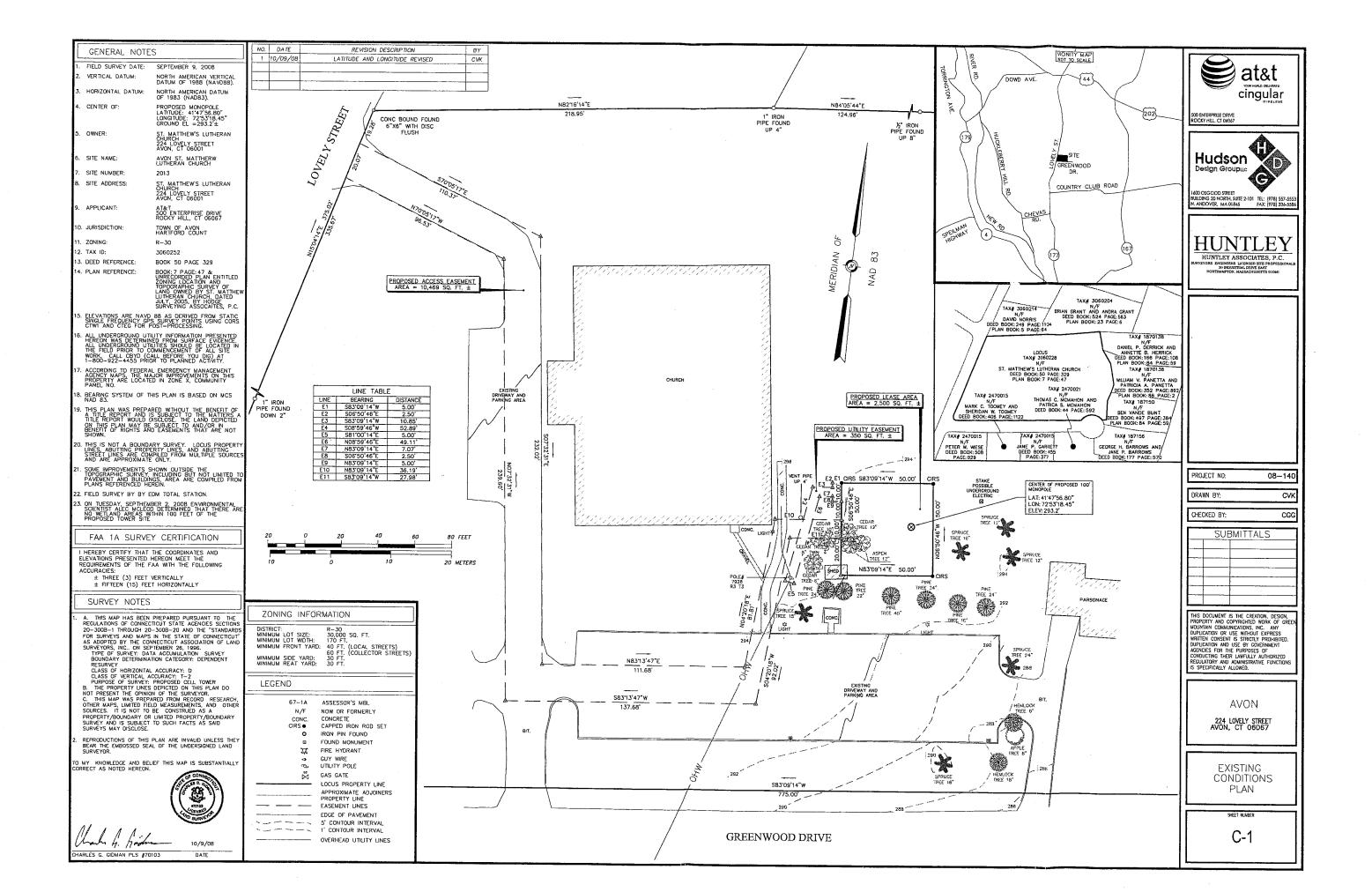
The proposed facility consists of a 50 foot by 50 foot leased area located on a 5.25 acre parcel owned by St. Matthew Lutheran Church at 224 Lovely Street in Avon. A new self-supporting monopole tower 100' in height would be constructed. AT&T will install up to 6 panel antennas at the 100 foot level of the tower together with an associated 12' x 20' radio equipment shelter at the tower base within the tower compound. The tower compound would consist of a 49' by 49' area to accommodate AT&T's equipment and provide for future shared use of the facility by other carriers. The tower compound would be enclosed by an 8' high stockade fence. Vehicle access to the facility would be provided by an existing paved drive and parking lot off of Greenwood Drive in addition to a new 30' gravel drive extension. Electric and telephone utilities would be extended underground from an existing utility pole onsite to the proposed facility.



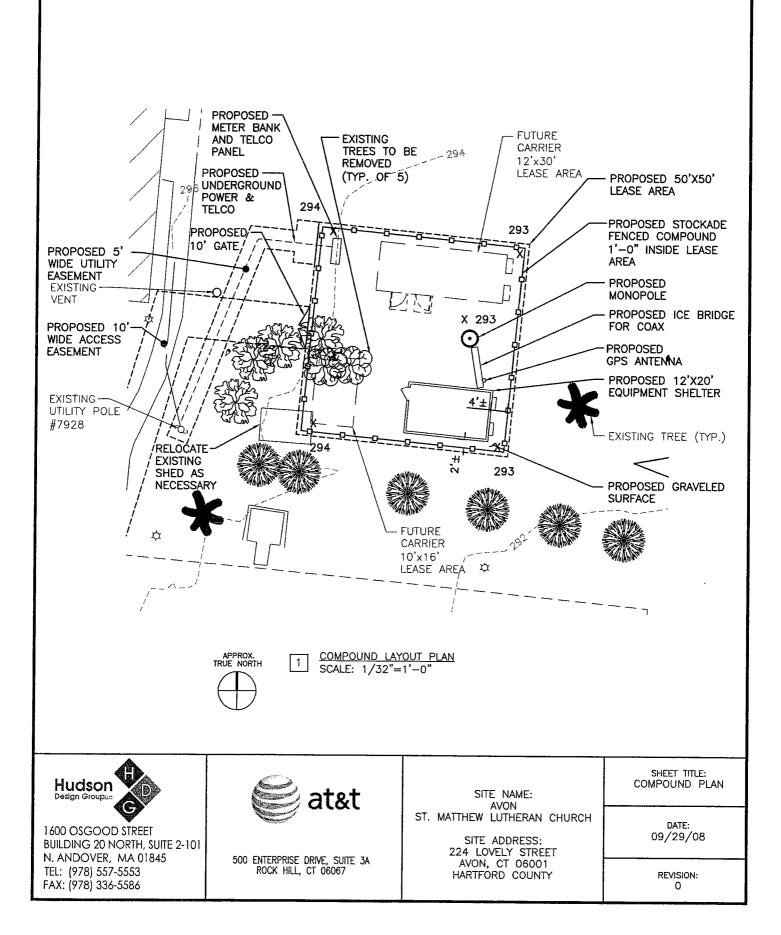


Aerial Photograph of the Subject Site and Surrounding Area









Site Evaluation Report

I. LOCATION

- A. COORDINATES: 41° 47' 56.80" 72° 53' 18.45" W
- B. GROUND ELEVATION: 293.2 feet AMSL
- C. USGS MAP: Collinsville Quadrangle
- D. SITE ADDRESS: Lovely Street, Avon, Connecticut, 06001-4018
- E. ZONING WITHIN 1/4 MILE OF SITE: Residential

II. DESCRIPTION

- A. SITE SIZE: 50 feet by 50 feet
- B. LESSOR'S PARCEL: 5.25 acres
- C. TOWER TYPE/HEIGHT: Monopole /100 feet AGL.
- D. SITE TOPOGRAPHY AND SURFACE: The proposed site is located towards the center of the parcel in an undeveloped area behind the lessor's church set amidst other existing out buildings including a parsonage. The terrain is generally level. Soils and bedrock mapping for this area of Connecticut describes the soil as Agawam fine sandy loam.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The surrounding terrain ranges in elevation from 290' AMSL to over 550' AMSL. The predominant forest species are mixed deciduous and coniferous with an average estimated canopy height of 60' AGL. A review of available information regarding the site through Federal, State and local databases indicates the site is not located within a wetlands mapped on the National Wetland's Inventory not within a 100-year of 500-year flood zone. No wetlands soils were noted in or around the parcel and the closest water body is the Roaring Brook located several hundred feet east of the site.
- F. LAND USE WITHIN 1/4 MILE OF SITE: Land uses within ¹/₄ mile of the site are primarily single-family residences and open space.

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Facilities available from Route 177 and Greenwood Drive (approximately 50 feet).
- C. TELEPHONE COMPANY: AT&T
- D. PHONE SERVICE PROXIMITY: Same as power.
- E. VEHICLE ACCESS TO SITE: Access to the facility would be provided by existing paved drive and parking lot off of Greenwood Drive and a new gravel driveway approximately 30 feet in length.
- F. OBSTRUCTIONS: None
- G. CLEARING AND FILL REQUIRED: The compound will require a small amount of clearing. Three cedars and 2 poplars will have to be removed. Minor grading may be necessary to level the area of the new compound. No filling will be required. Detailed plans would be included in a Development and Management Plan ("D&M" plan) after any approval of the facility which may be issued by the Connecticut Siting Council.
- IV. LEGAL
 - A. PURCHASE [] LEASE [X]
 - B. OWNER: St. Matthew Lutheran Church
 - C. ADDRESS: 224 Lovely Street (Route 177), Avon, Connecticut 06001-4018
 - D. DEED ON FILE AT: Town of Avon Vol. 532; page 1202

Facilities and Equipment Specification

I. TOWER SPECIFICATIONS:

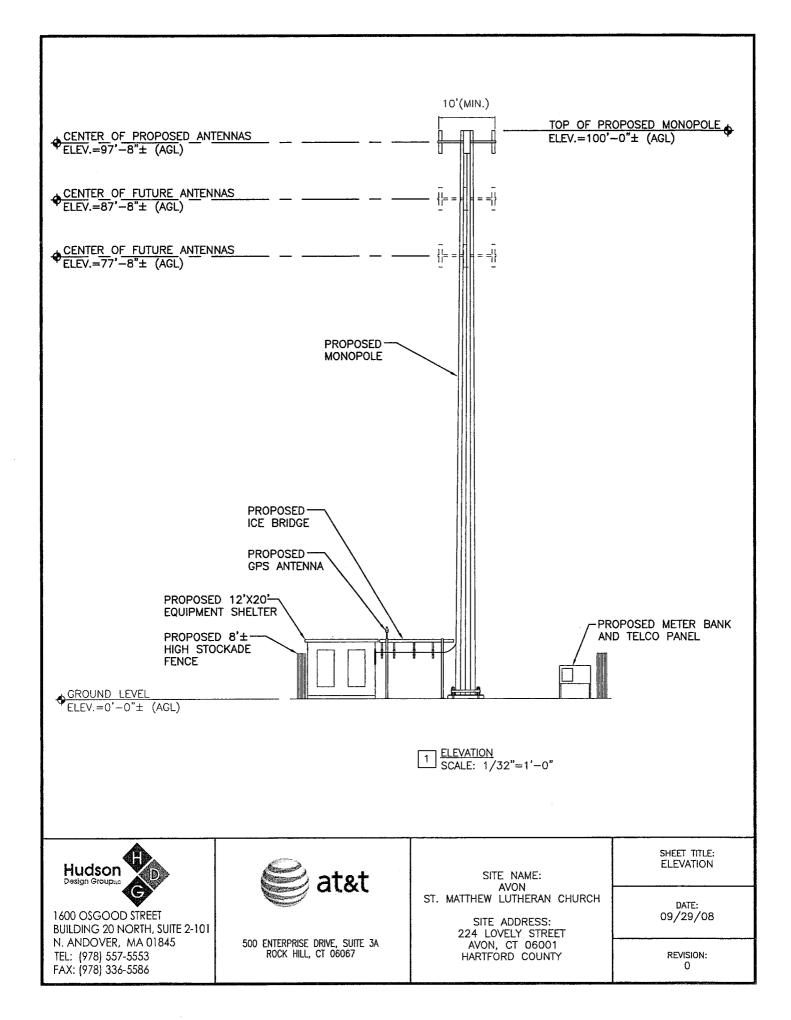
- A. MANUFACTURER: To be determined
- B. TYPE: Self-Supporting monopole
- C. HEIGHT: 100 feet DIMENSIONS: Approximately 42 inches in diameter at the base, tapering to 26 inches at the top.
- D. LIGHTING: None as set forth in included TOWAIR report

II. TOWER LOADING:

- A. AT&T up to 6 panel Antennas
 - a. Model Powerwave 7770.00 or equivalent panel antenna
 - b. Antenna Dimensions 55"H x 11"W x 5"D
 - c. Position on Tower -97' 8" centerline mounted on low profile platform
 - d. Transmission Lines MFG/Model: Andrew LDF5-50A; Size 1-5/8"
- B. Future Carriers To be determined

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The tower will be designed in accordance with American National Standards Institute TIA/EIA-222-F "Structural Standards for Steel Antenna Towers and Antenna Support Structures" and the 2003 international Building Code with 2005 Connecticut Amendment. The foundation design would be based on soil conditions at the site. The details of the tower and foundation design will be provided as part of the final D&M plan.



TOWAIR Determination Results

*** NOTICE ***

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

DETERMINATION Results

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

Your Specifications	
NAD83 Coordinates	
Latitude	41-47-56.8 north
Longitude	072-53-18.4 west
Measurements (Meters)	
Overall Structure Height (AGL)	30.5
Support Structure Height (AGL)	NaN
Site Elevation (AMSL)	89.4

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

Tower Construction Notifications

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

CLOSE WINDOW

Environmental Assessment Statement

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the proposed facility. The construction and operation of the tower and related site improvements will have no effect on any off-site watercourses or waterbodies. Best Management Practices to control storm water and soil erosion during construction will be implemented. The equipment associated with the facility will discharge no pollutants to area surface or groundwater systems.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the proposed facility would emit no air pollutants of any kind.

C. LAND

Minimal clearing and grading will be necessary in the compound area. The remaining land of the lessor would remain unchanged by the construction and operation of the facility.

D. NOISE

The equipment to be in operation at the facility would not emit noise other than that provided by the operation of the installed heating, air-conditioning and ventilation system. Some construction related noise would be anticipated during facility construction, which is expected to take approximately four to six weeks.

E. POWER DENSITY

The worst-case calculation of power density from AT&T's operations at the facility would be 2.1734 milliwatts per square centimeter which is 13.9% of the MPE standard. Attached is a copy of AT&T's MPE Report dated September 26, 2008.

F. VISIBILITY

The potential visual impact of the proposed facility was determined by preparation of the attached Visual Resource Evaluation Report. The potential visibility of the proposed monopole was assessed within an approximate one-mile radius using a view shed model and in-field visual analysis. As shown in the report and photosimulations, areas of

visibility are expected primarily in close proximity to the site. Properties at higher elevations would have views of the tower facility with adjacent ridges as the backdrop as opposed to above the horizon views.

II. SCENIC, NATURAL, HISTORIC & RECREATIONAL VALUES

The parcel on which the facility is located and the nearby areas exhibit no scenic, natural, historic or recreational characteristics which are unique. The Connecticut State Historic Preservation Officer (SHPO) has been contacted and Connecticut Department of Environmental Protection (CTDEP) Natural Diversity Database maps have been reviewed for the proposed site. A copy of SHPO's determination of "No Effect" has been attached. AT&T's consultants have contacted CTDEP for their review of the Natural Diversity Database and any comments they may have related to the facility. Eastern Box Turtles were noted in the area associated with Roaring Brook located offsite. Based on site location and usage no impact to Eastern Box Turtles is anticipated.



New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, Connecticut 06067-3900 Phone: (860) 513-7636 Fax: (860) 513-7190

Steven L. Levine Real Estate Consultant

September 26, 2008

TO: Atty Chris Fisher

FROM: Steve Levine

RE: Power Density Calculation for Proposed AT&T Antennas on a Proposed Tower at St. Matthew Lutheran Church, 224 Lovely Street, Avon, CT

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower follows.

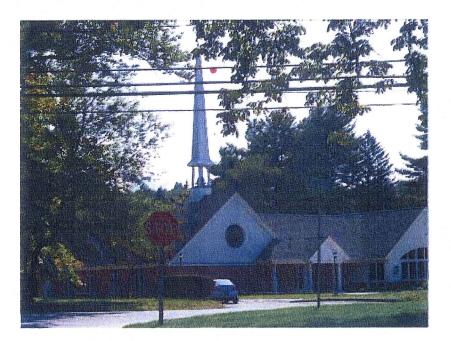
This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm²)	Percent of Limit
AT&T GSM	98	1900 Band	4	427	0.0639	1.0000	6.39
AT&T GSM	98	880 - 894	2	296	0.0222	0.5867	3.78
AT&T UMTS	98	880 - 894	1	500	0.0187	0.5867	3.19
Total							13.4%

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Reserved for Exhibit # 4

Visual Resource Evaluation Report



Prepared for:

Hudson Design Group 1600 Osgood Street Building 20 North, Suite 2-101 North Andover, MA 01805

SR2013 / ST, MATTHEW LUTHERAN CHURCH

224 Lovely Street Avon, Connecticut

EBI Project No. 61085562

Site Report Date: September 25, 2008





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

September 25, 2008

Mr. Derek Creaser Hudson Design Group 1600 Osgood Street Building 20 North, Suite 2-101 North Andover, MA 01805

Subject:

Visual Resource Evaluation Report SR2013/St, Matthew Lutheran Church 224 Lovely Street, Avon, Connecticut EBI Project #: 61085562

EBI Consulting is preparing an environmental review on behalf of New Cingular Wireless PCS, LLC ("AT&T") for the property noted above as part of its permit process and regulatory review by the Connecticut Siting Council. The Visual Resource Evaluation was conducted to evaluate the visibility of the proposed Facility within a one-mile radius ("Project Site Area").

At the time of the survey, the weather was sunny and approximately 65° Fahrenheit. Wind speeds were approximately 0-2 miles per hour during the duration of the project. Photo simulations depicting the proposed tower were created from photographs taken from within the Project Site Area of Potential Effect (PSAPE) from various locations noted on the attached Photo location Map (See Attachment A).

The proposed tower facility parcel is identified by Avon land records as Map 11/Lot 3060228, and consists of an approximately 5.24-acre lot and is improved by the St. Matthew Lutheran Church. The proposed tower facility is located in a grassy landscaped area, with minimal trees, approximately 45 feet to the east of the existing church building. Surrounding properties generally consist of residential development.

The proposed tower facility includes the construction of a 100-foot tall monopole with associated support equipment to be located within a 50-foot by 50-foot fenced lease area. The proposed tower facility is located at approximately 300 feet Above Mean Sea Level (AMSL). Access to the tower facility will be provided via existing property access ways and parking areas.

Methodology

In order to better represent the visibility associated with the proposed tower facility, EBI used two methods; an in-field visual analysis and predictive computer model with GIS mapping. A Balloon Float and Project Site Area Reconnaissance was conducted to obtain locational and height representations and to provide documentation from public areas. The predictive computer model with GIS mapping was used to assess potential visibility throughout the Project Site Area, including private property and/or otherwise inaccessible areas. A description of the methodologies used in the analysis is provided below.

Balloon Float and Project Site Area Reconnaissance

On September 3, 2008, EBI Consulting conducted a Balloon Float and Project Site Area Reconnaissance using one four-foot diameter red weather balloon to simulate the proposed 100-foot monopole style telecommunications tower proposed to be constructed by New Cingular Wireless PCS, LLC ("AT&T"). EBI conducted a Project Site Area Reconnaissance along the roads located within the Project Site Area with an emphasis on nearby residential areas and other potential sensitive receptors in order to evaluate the results of the viewshed map and to verify where the balloon was, and was not visible above and/ or through the tree canopy.

During the Balloon Float and Project Site Area Reconnaissance, EBI drove public roads within the Project Site Area to inventory those areas from which the balloon was visible. Based on the results from the Balloon Float and Project Site Area Reconnaissance, areas where the proposed 100-foot tall monopole would be visible from consists of approximately 5% of the 1 mile radius. As depicted on the viewshed analysis map (See Attachment D). Described below are the locations were the proposed tower was visible as well as locations were the proposed tower was not visible.

Based on the results of the Balloon Float and Project Site Area Reconnaissance. EBI determined that the tower would be visible from the following locations: portions of Lovely Street approximately 250-feet north and south of the proposed tower; Greenwood Lane at the intersection of Lovely Street and along Greenwood Lane for approximately 200-feet west of Lovely Street; and along Bridgewater Lane for approximately 300-feet between house numbers 86 through 94.

Based on the results of the Balloon Float and Project Site Area Reconnaissance. EBI determined that the tower would not be visible from the following locations: residential secondary streets north, west, south and portions to the east of the Subject Property; Lovely Street north and south of the tower location (beyond approximately 250' in each direction), including 361 Lovely Street (a listed Town of Avon historic structure).

Photographs from the visible and non-visible locations above were taken with an Olympus E-500 camera with a focal length of 50 mm (to represent the human eye).

The locations of the Balloon Float and Project Site Area Reconnaissance points were recorded in the field using a hand held GPS receiver and were subsequently plotted on the Viewshed Analysis Maps attached to this *Report* (See Appendix D).

Photographic Simulations

Photographic simulations were generated for three representative locations where the balloon was visible during the Project Site Area Reconnaissance. The photographic simulations represent a scaled depiction of the proposed monopole facility from these locations (See Attachment C).

Visibility Analysis – Viewshed Analysis Map Discussion

Based on the Project Site Area Reconnaissance, the average tree canopy height was determined to be 60 feet above ground level (AGL). The forested areas of the Project Site Area were then overlaid on EBI's GIS mapping program using an average tree canopy height of 60 feet AGL and the visibility was calculated.

Based on information entered into EBI's GIS mapping program gathered during field reconnaissance, which included the proposed facilities height, its ground elevation, the surrounding topography and existing vegetation, EBI was able to estimate the areas from which the proposed tower facility would be visible during the seasonal ("leaf on" conditions). The topography within the Project Site Area consists of ridges running to the east and west, ranging from approximately 300 to 550 feet AMSL.

Also included on EBI's Viewshed Analysis map, are data layers obtained from the Connecticut State Department of Environmental Protection (CTDEP), these data layers depict various land and water resources such as parks and town forests, recreational facilities, dedicated open space and natural diversity database categories. These layers are important in identifying potential visibility from any sensitive receptors that may be located within the Project Site Area. Based on the viewshed mapping and EBI's field reconnaissance, the proposed tower was not visible from the following resources (during "leaf on" conditions): Briarcliff Club, Red Mountain Lane Open Space, Juniper Road Open Space, Horseguard State Park Scenic Reserve, Lofgren Road Open Space, Wyngate Drive Open Space, Avon Land Trust (Route 177), Roaring Brook Elementary School, Huckleberry Hill Road Open Space, Carriage Club, Camp Burt, Inc. (Boy Scouts) and Midland Drive Open Space.

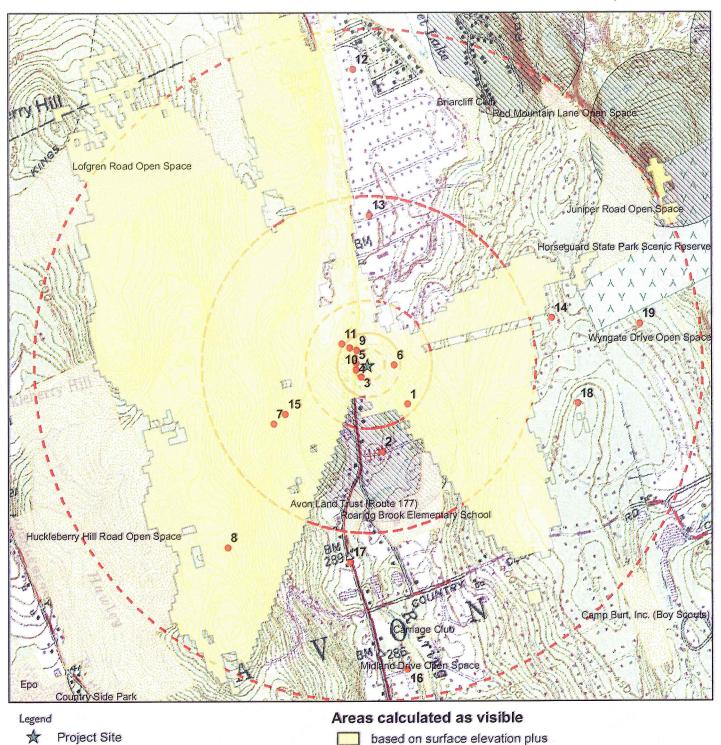
Based on topography and an average tree height of 60-feet AGL, EBI was able to calculate the areas from which the tower would be visible/partially visible during the seasonal "leaf off" conditions. These areas, similar to the seasonal "leaf on" conditions are mainly located within the immediate vicinity of the Project Site Area. In addition, EBI estimates that the proposed tower during seasonal "leaf off" conditions has a potential to be viewed from several additional properties within ½ to ¾ mile of the Project Site Area. These areas include the following:

- Billingsgate (Picture #1): Tower will be partially visible during seasonal "leaf off" conditions
- Blueberry Lane (Picture #2): Tower will be minimally visible during seasonal "leaf off" conditions
- Ardsley Way (Picture #14): Tower will be partially visible during seasonal "leaf off" conditions
- Bridgewater Lane (Picture #15): Tower will be partially visible during seasonal "leaf off" conditions
- 361 Lovely Street (Picture #17): Tower will be minimally visible during seasonal "leaf off" conditions
- Henley Way (Picture #18): Tower will be partially visible during seasonal "leaf off" conditions

Furthermore, based on the seasonal "leaf off" conditions viewshed map, the proposed tower has a potential to be visible from several CTDEP resources. Please note that the tower is not visible from these locations during seasonal "leaf on" conditions and based on the topography and average tree height of 60-feet AGL, the proposed tower has the potential to be partially visible during seasonal "leaf off" conditions from the following resources: Briarcliff Club, Red Mountain Lane Open Space, Juniper Road Open Space, Horseguard State Park Scenic Reserve, Lofgren Road Open Space, Avon Land Trust (Route 177), Roaring Brook Elementary School, and Huckleberry Hill Road Open Space. See the viewshed analysis map with seasonal visibility in Appendix D.

ATTACHMENT A PHOTO LOCATION MAP





Site distance of 250', 500', 1000', 1/2, and 1 mile
 Photolocation Points

USGS 24k Quad: Collinsville, CT 1985

See Associated Legend for Land Resources Symbology

estimated tree canopy of 60',

5.5' viewer height and 100' tower height

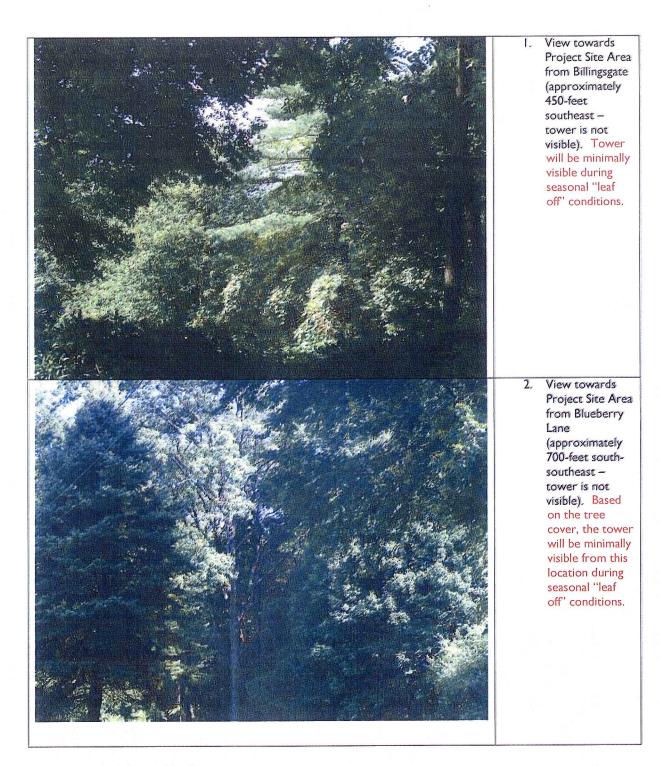
Source: Selected data from USGS and EBI.

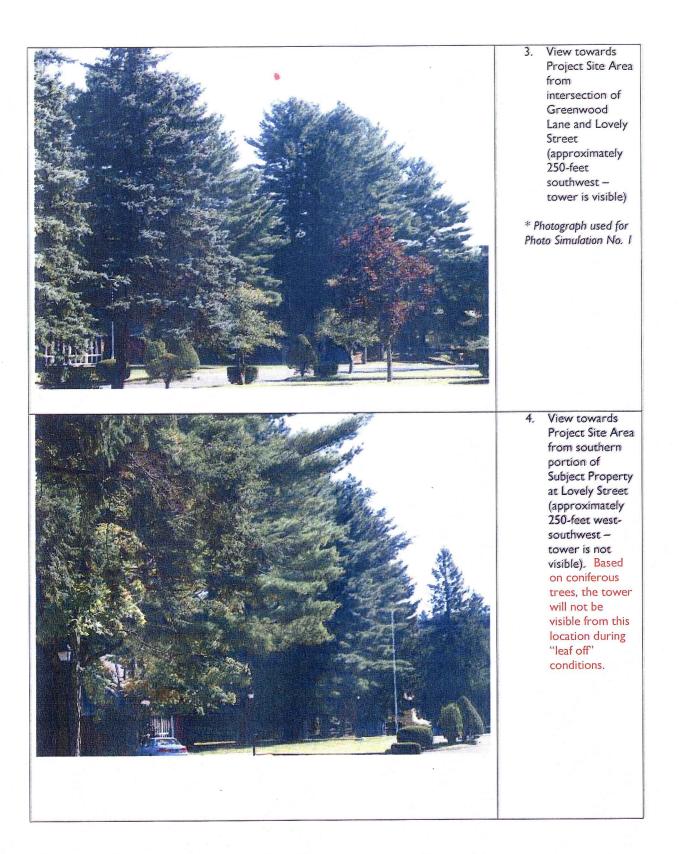
Photolocation Map

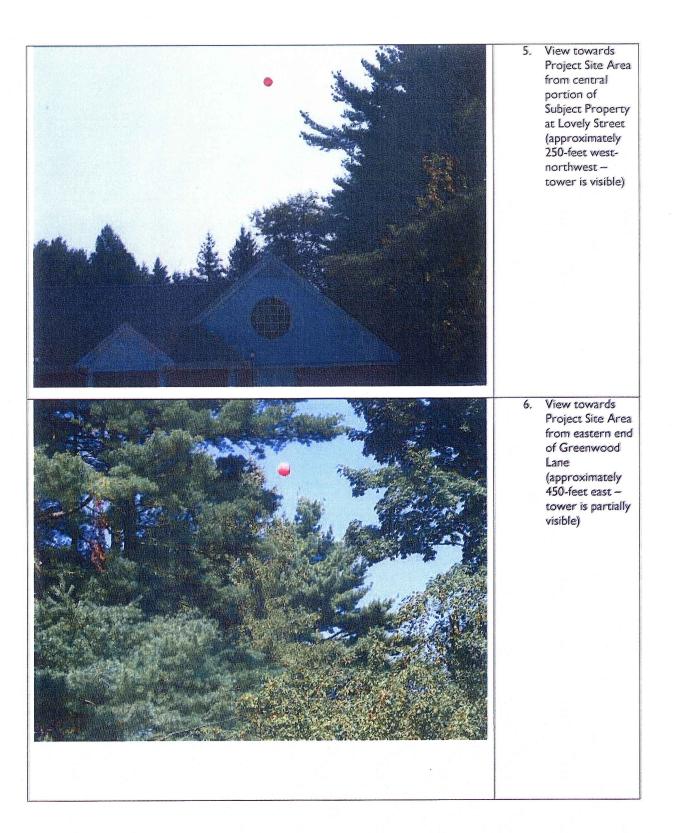
SR2013/ST. MATTHEW LUTHERAN CHURCH 224 LOVELY STREET AVON, CT 06001

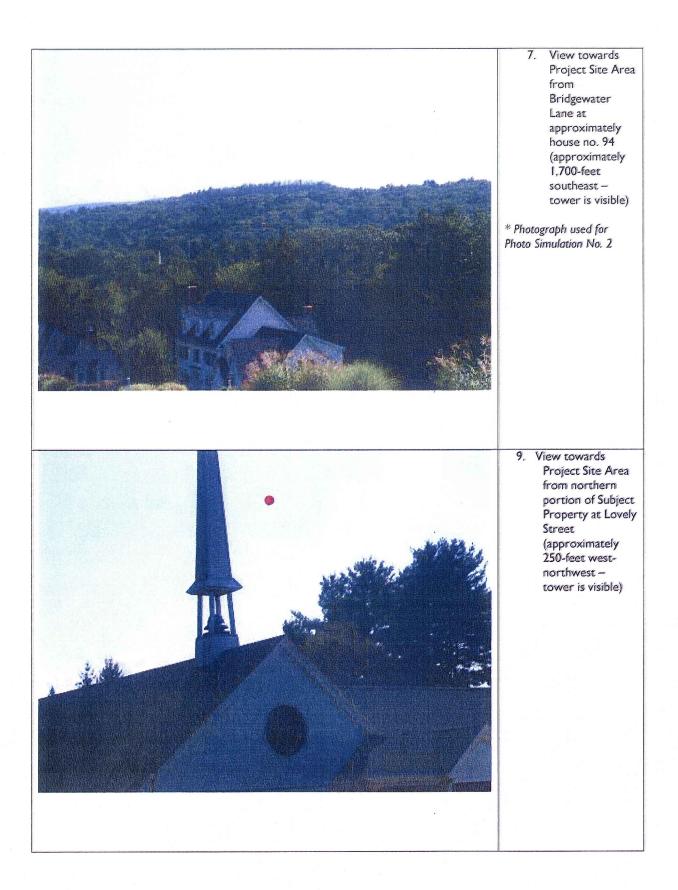


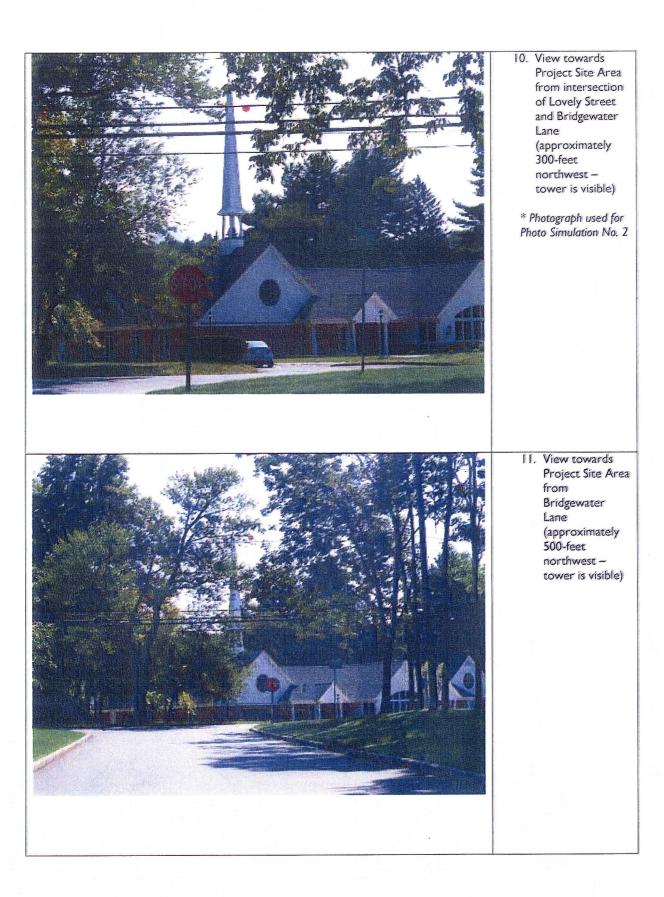
Attachment B Photographs

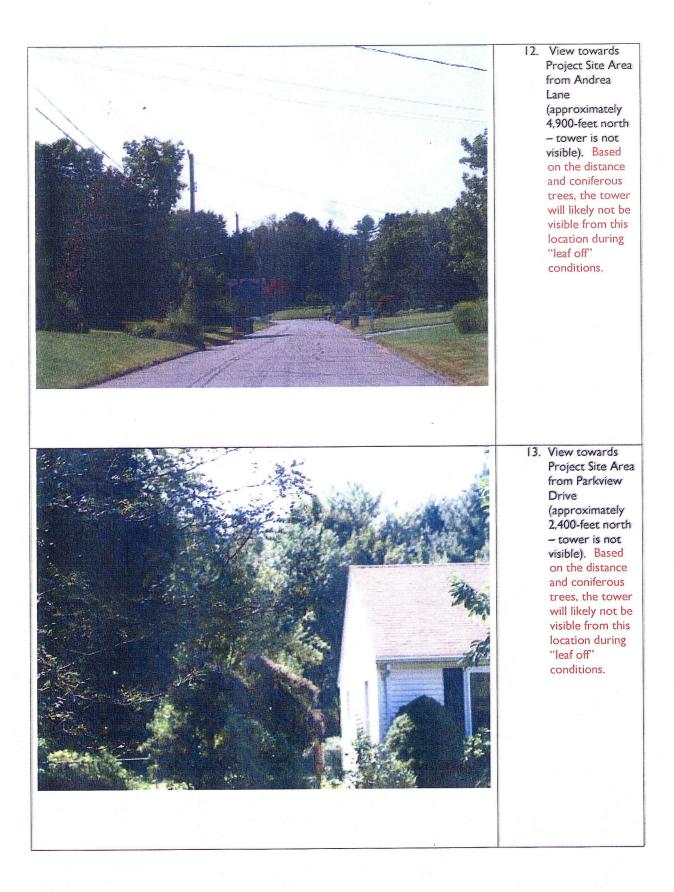


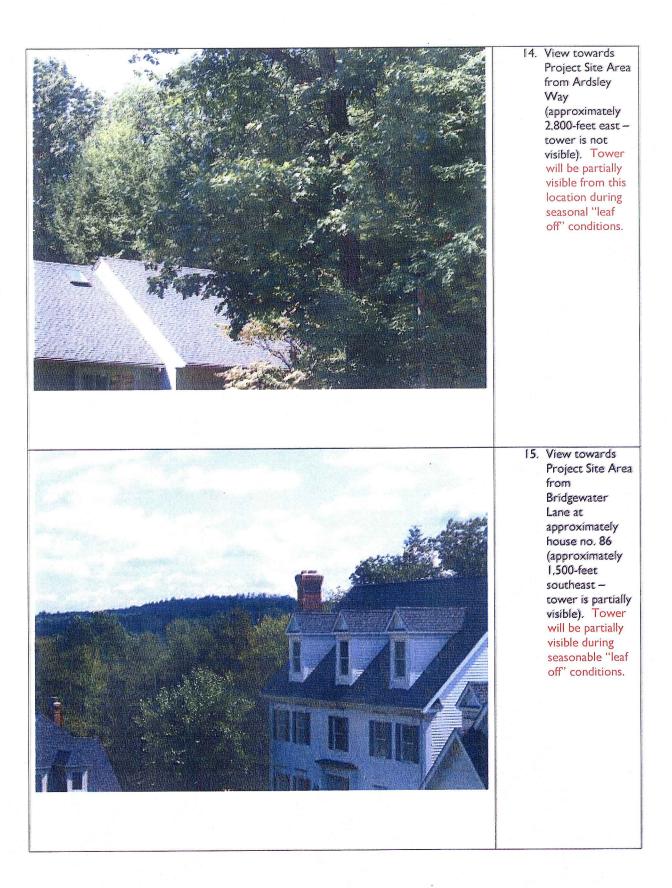


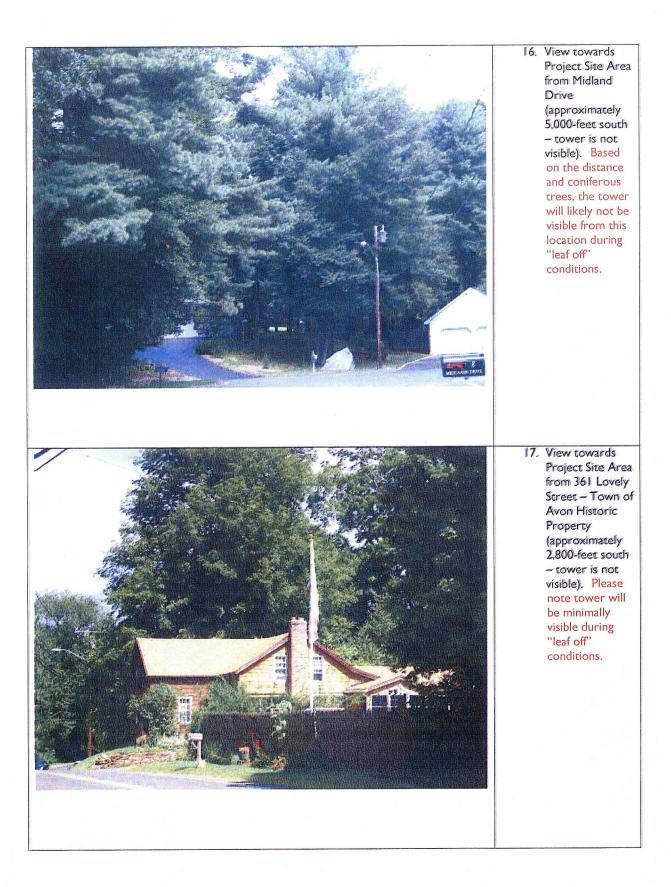


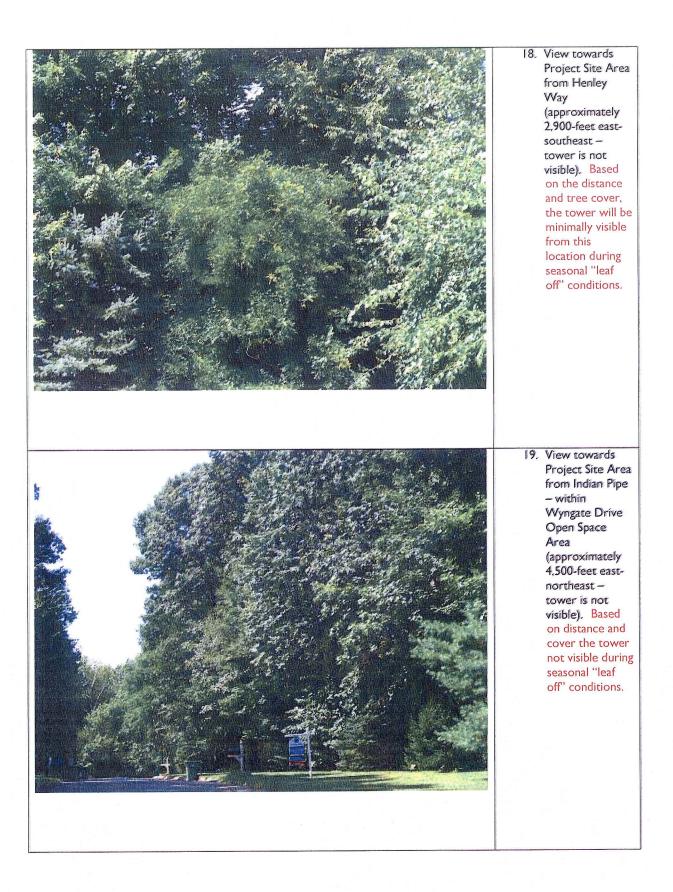












ATTACHMENT C PHOTO SIMULATIONS

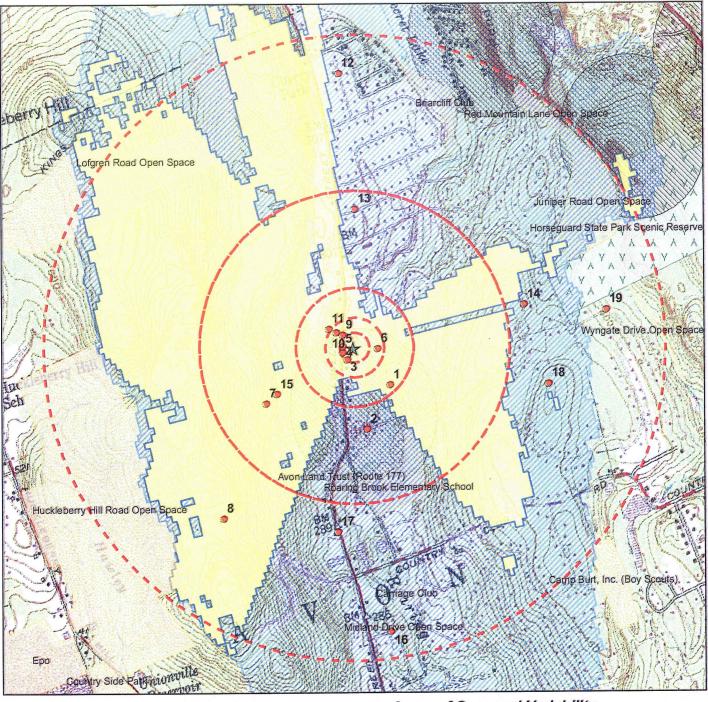






ATTACHMENT D VIEWSHED ANALYSIS MAP

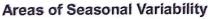




Legend

* **Project Site**

Site distance of 250', 500', 1000', 1/2 and 1 mile



based on surface elevation plus estimated tree canopy of 60', 5.5' viewer height and 100' tower height

based on surface elevation 5.5' viewer height and 100' tower height

USGS 24k Quad: Collinsville, CT 1985

See Associated Legend for Land Resources Symbology

Photolocation Map - With Seasonal Variability SR2013/ST. MATTHEW LUTHERAN CHURCH 224 LOVELY STREET AVON, CT 06001



PN: 61085562

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Reserved for Exhibit # 5



May 20, 2008

Town of Avon Planning and Zoning Commission Avon Town Hall 60 West Main Street Avon, CT 06001

Re: Invitation to participate as a consulting party to the Section 106 review of the proposed AT&T Mobility "St. Matthew Church-Avon Telecommunications Facility," 224 Lovely Street, Avon, CT

To Whom It May Concern:

Prior to the construction of a telecommunications facility by AT&T Mobility at the St. Matthew Lutheran Church located at 224 Lovely Street in Avon, Connecticut, the Ottery Group has submitted documentation to the Historic Preservation and Museum Division of the Connecticut Commission on Culture & Tourism (SHPO) regarding the effect of the proposed undertaking on historic properties. As a carrier licensed by the FCC, AT&T is required to consider the effects of planned undertakings on cultural resources for compliance with the National Environmental Policy Act (NEPA) as well as Section 106 of the National Historic Preservation Act. Pursuant to Section 106 requirements, this notification is being made to invite potentially interested parties that may desire to participate in the consultation process.

The proposed undertaking consists of the construction of a telecommunications facility in the lawn area at the rear of the church building at the above-referenced location. The proposed undertaking consists of the construction of a 100-foot monopole and the installation of associated equipment within a fenced compound.

If you have any questions, concerns, or comments regarding the proposed undertaking, please contact our office within 30 days of receipt of this notification. The project review staff at the Historic Preservation and Museum Division will have all documentation regarding this undertaking on file; however, I will be glad to furnish you with an electronic copy if requested. I look forward to your comments regarding the effects of the proposed undertaking.

If you have any questions or require more information please feel free to contact me by phone (301.562.1975) or email (lyle.torp@otterygroup.com). I appreciate your assistance with this project.

Sincerely, THE OTTERY GROUP, INC.

Lyle^C. Torp Managing Director

AVON PUBLIC SCHOOLS



RICHARD W. KISIEL, Ed. D. SUPERINTENDENT OF SCHOOLS

July 9, 2008

Mr. Kevin D. Day Construction/Site Acquisition SAI Communications ATT Mobility Project 500 Enterprise Dr. Suite 3A Rocky Hill, CT 06067

Dear Mr. Day:

I am writing in support of the construction of cell phone tower on property of St Matthew's Lutheran Church in Avon. The installation of the cell tower would provide additional safety for one of our elementary schools located south of the church since we currently lack cell phone coverage at the school. Administrators, school personnel and parents have expressed concern to us about the lack of cell phone coverage and the safety risks, particularly if telephone service is out-of-order. We enthusiastically support the construction of the cell phone tower.

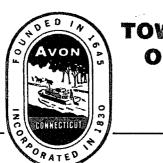
Sincerely,

isue

Richard Kisiel

C: Philip Schenck, Town Manager

34 SIMSBURY ROAD • AVON, CONNECTICUT 06001 • TEL. (860) 404-4700 • FAX (860) 404-4702



60 West Main St. Avon, CT 06001-3743

POLICE, FIRE & MEDICAL EMERGENCY - 911

TOWN MANAGER'S OFFICE Tel. (860) 409-4300 Fax (860) 409-4368

ACCOUNTING Td. (860~ 409-4339 Fax (860) 409-4366

ASSESSOR'S OFFICE Tel. (8601 409-4335 Fax (8601 409-4366

BUILDING DEPARTMENT Tel. (860) 409-4316 Fax (860) 409-4364

COLLECTOR OF REVENUE Tel. (860) 409-4306 Fax (860) 677-8428

ENGINEERING DEPARTMENT Tel. (860) 409-4322 Fax (860) 409-4364

FINANCE DEPARTMENT Tel. (860) 409-4339 Fax (860) 409-4366

FIRE MARSHAL Tel. (860) 409-4319 Fax (860) 409-4364

LANDFILL 281 Huckleberry Hill Rd. Tel. (860) 673-3677

PLANNING & ZONING Tel. (860) 409-4328 Fax (860) 409-4364

POLICE DEPARTMENT Tel. (860) 409-4200 Fax (860) 409-4206

PROBATE Tel. (860) 409-4348 Fax (860) 409-4368

PUBLIC LIBRARY 281 Country Club Road Tel. (860) 673-9712 Fax (860) 675-6364

PUBLIC WORKS 11 Arch Road Tel. (860) 673-6151 Fax (860) 673-0338

RECREATION AND PARKS Tel. (860) 409-4332 Fax (860) 409-4366 Cancellation (860) 409-4365

REGISTRAR OF VOTERS Tel. (860) 409-4350 Fax (860) 409-4368

SOCIAL SERVICES Tel. (860) 409-4346 Fax (860) 409-4366

TOWN CLERK Tel. (860) 409-4310 Fax (860) 677-8428

TDD HEARING IMPAIRED Tel. (860) 409-4361 Mr. Kevin D. Day Construction/Site Acquisition SAI Communications ATT Mobility Project 500 Enterprise Dr. Suite 3A Rocky Hill, CT 06067

AVON

Dear Mr. Day:

July 15, 2008

The Town of Avon supports the construction of the cell phone tower you are proposing on the St. Matthew's Lutheran Church property in Avon for public safety reasons. We currently lack cell phone coverage in that area of Avon and the installation of the cell phone tower would rectify that and would aid in the event of an emergency situation. The Town of Avon is in full support of the construction of the cell phone tower and your application to the State of Connecticut Siting Council.

Should you want to discuss this issue any further please feel free to contact my office.

Sincerely,

Ehnuk / Philip K. Schenck.

Town Manager

PKSJr:jd

CUDDY& FEDER^{LLP}

445 Hamilton Avenue, 14th Floor White Plains, New York 10601 Tel 914.761.1300 Fax 914.761.5372 www.cuddyfeder.com

October 10, 2008

VIA FEDEX

Philip K. Schenck, Jr. Town Manager, Town of Avon Avon Town Hall 60 West Main Street Avon, CT 06001 Phone: (860) 409-4300

Re: AT&T

Proposed Wireless Telecommunications Tower Facility St. Matthews Lutheran Church 224 Lovely Street a/k/a Route 177 Avon, Connecticut

Dear Town Manager Schenck:

We are writing to you on behalf of our client, New Cingular Wireless PCS, LLC ("AT&T") with respect to the above captioned matter involving a proposed wireless telecommunications tower facility to be located at 224 Lovely Street in the Town of Avon. As you know, jurisdiction over such facilities rests exclusively with the State of Connecticut Siting Council pursuant to Section 16-50i and x of the Connecticut General Statutes.

Section 16-50l(e) of the Connecticut General Statutes does nevertheless require that AT&T consult with a municipality prior to such an application being filed with the Siting Council. The purpose of such local consultation is to give the municipality in which a facility has been proposed an opportunity to provide the applicant with any recommendations it may have prior to the applicant's filing of an application. As set forth in the statute, any such recommendations must be issued by the municipality within sixty days of its receipt of technical information concerning the proposed facility from the applicant.

The purpose of this letter is to formally notify you of the proposed Facility in the Town of Avon and commence the sixty day consultation period that is required prior to AT&T's filing of any application with the Siting Council. Enclosed is a "Technical Report" for your review and consideration which includes information about the need for the proposed tower facility, a summary of the site selection process and the environmental effects of a tower that has been proposed in the Town. The enclosed Technical Report includes information provided by AT&T regarding its need for the proposed Facility. We trust that this information will prove helpful to you and others in the Town in formulating any recommendations the Town of Avon may have about the proposal.

CUDDY& FEDER^{ur}

We would appreciate the opportunity to meet with you to review the Technical Report and will follow this letter with a call to schedule such a meeting to discuss the proposed facility at your convenience. Additionally, should the Town elect to conduct a public meeting about the proposal during the consultation period, we would ask that you let us know at your earliest convenience so that we may have representatives available to discuss the project.

Thank you for your consideration of this letter and its enclosures. We look forward to meeting with you.

Very truly yours, Christopher B, Fisher

Enclosure

 cc: Steven Kushner, Director of Planning & Community Development Michelle Briggs, AT&T
 Kevin D. Dey, SAI Communications
 Daniel M. Laub, Esq.

November 21, 2008

VIA FEDEX

Philip K. Schenck, Jr., Town Manager Town of Avon Avon Town Hall 60 West Main Street Avon, CT 06001 Phone: (860) 409-4300

Re: AT&T Proposed Wireless Telecommunications Tower Facility St. Matthew Lutheran Church 224 Lovely Street a/k/a Route 177 Avon, Connecticut

Dear Town Manager Schenck:

In response to your letter dated October 21, 2008, please find enclosed a letter from Michele Briggs, Manager Real Estate & Construction, to you indicating AT&T's willingness to provide rent-free space on the captioned proposed tower to the Town for purposes of installing emergency communications antennas. Please also find enclosed for your reference a Site Plan, Compound Layout and Elevation of the proposed tower, which together demonstrate the proposed location of any emergency whip antennas and associated ground equipment.

Should you have any questions regarding the enclosed, please do not hesitate to contact me or Christopher Fisher at (914) 761-1300.

Thank you once again for your time and consideration in this matter.

Very truly yours,

Daniel M. Laub

Enclosures

 cc: Steven Kushner, Director of Planning & Community Development Michelle Briggs, AT&T
 Kevin D. Dey, SAI Communications Christopher B. Fisher, Esq.



Michele Briggs Manager Real Estate & Construction michele.g.briggs@att.com 860-513-7700

November 20, 2008

Philip K. Schenck, Jr. Town Manager, Town of Avon Avon Town Hall 60 West Main St. Avon, CT 06001 Phone: (860-409-4300)

Re: AT&T

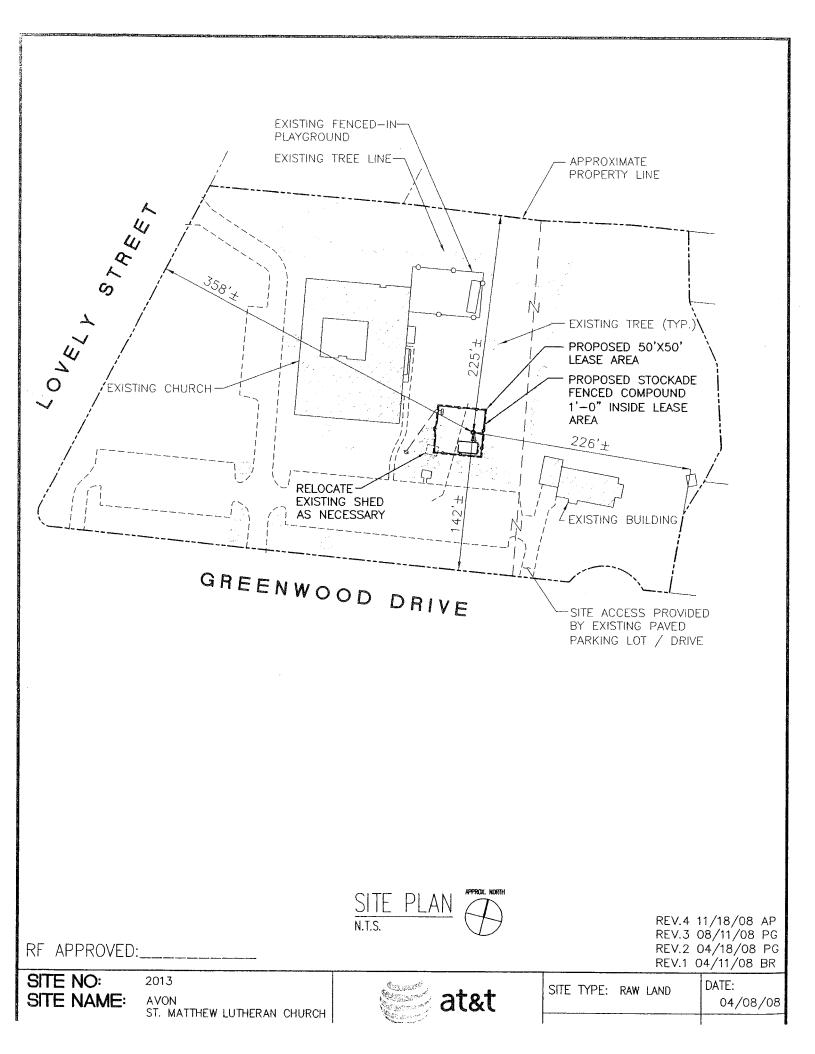
Proposed Wireless Telecommunications Tower Facility St. Matthews Lutheran Church 224 Lovely St. a/k/a Rt. 177 Avon, Connecticut

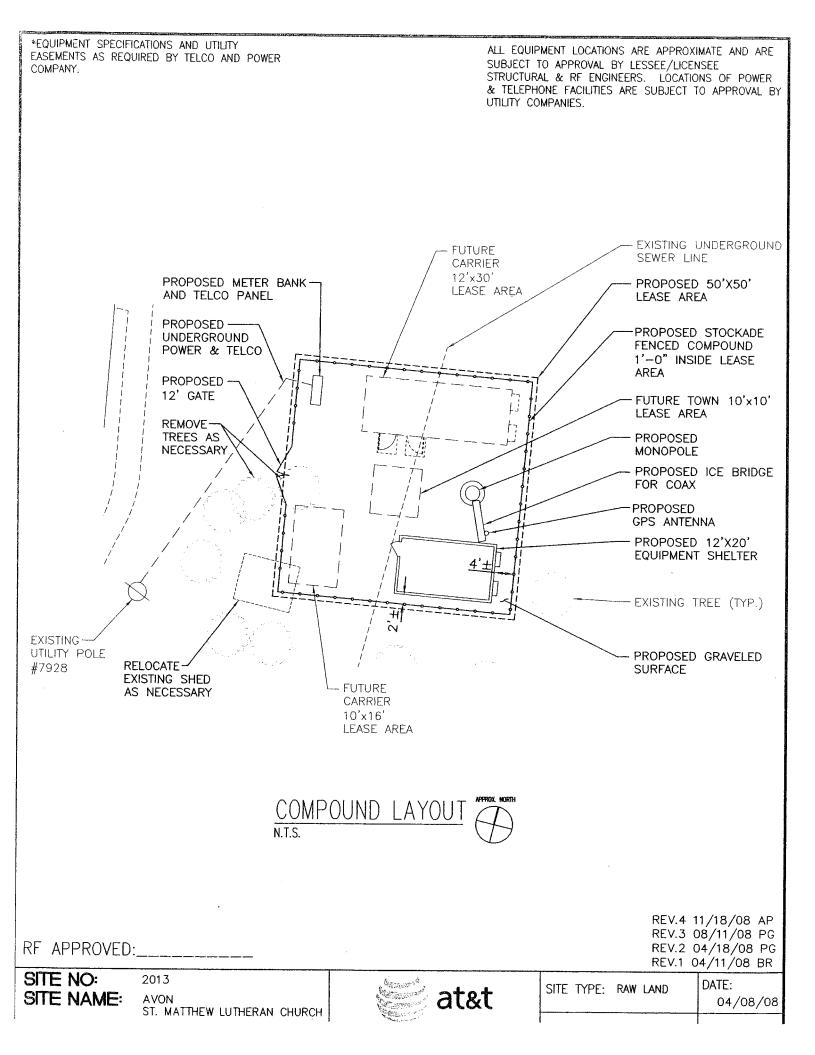
Dear Town Manager Schenck:

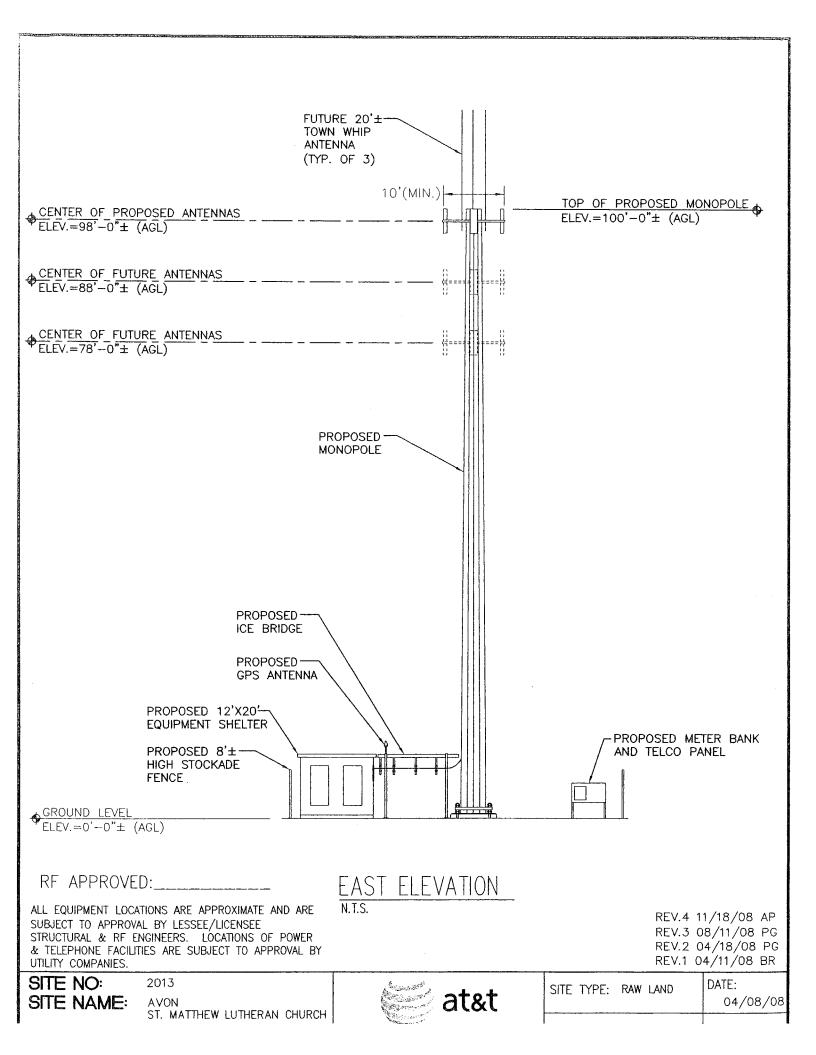
I am writing as a follow up to your conversation with our counsel Christopher Fisher at Cuddy & Feder LLP with respect to the above referenced matter. Please accept this letter as AT&T's commitment to allow the Town to install emergency communications antennas on the tower proposed at 224 Lovely St.. In the event the Town has a current need for such antennas, please let us know who we may coordinate with in order to accommodate the town's specifications. If there is no current need and your interest is just for future proposes, please note that a sublease agreement with AT&T would be required and be subject to AT&T's standard terms and conditions at that time with the exception of rent. It would be our expectation that the Town could install 2 or 3 whip antennas off the top of the tower and place equipment in a 10' by 10' area in the compound rent free. Thank you for your interest in this regard and please let me know how I may be of any further assistance.

further assistance. y. Kriggs Michele Briggs

500 Enterprise Suite 3A Drive Rocky Hill, Connecticut 06067







DRAFT

App. #4395 - Fred & Bonnie LLC, owner/applicant, request for Site Plan Approval to renovate existing buildings, 221 West Main Street, Parcel 4540221, in a CR Zone.

Mr. Frey motioned to table App. #4395 to the next meeting. The motion, seconded by Mrs. Primeau, received unanimous approval.

<u>App. #4389 - Estate of Gina Nascimbeni, owner, Peter Lee, applicant, request for Site Plan</u> <u>Approval</u> for a math and reading learning center, 29 Waterville Road, Parcel 4500029, in an NB Zone.

Mr. Thompson motioned to table App. #4389 to the next meeting. The motion, seconded by Mrs. Primeau, received unanimous approval.

OUTSTANDING APPLICATION

<u>App. #4387 - Donald and Pamela Battiston, Trustees, owners/applicants, request for Site Plan</u> <u>Approval</u> to expand parking and landscaped areas and add access drive to abutting property to the west, 369 West Main Street, Parcel 4540369, in a CR Zone.

Mr. Kushner, on behalf of the applicant Jeffrey Battiston, requested that the Commission table App. #4387 to the next meeting.

Mr. Freese motioned to table App. #4387 to the next meeting. The motion, seconded by Mrs. Primeau, received unanimous approval.

OTHER BUSINESS

Referral from CT Siting Council - Cell Tower at St. Matthews Church - Cuddy and Feder LLP

Present were Attorney Christopher Fisher, Cuddy and Feder, LLP; Kevin Dey, AT&T; and Richard Hines, Avon resident.

Attorney Fisher explained that the subject referral is to provide technical information to the Town. Mr. Fisher noted that a public hearing will be held in Town. The proposed tower will be located in a valley area and shouldn't be that visible.

In response to Mrs. Primeau's comment, Mr. Fisher agreed that there are houses nearby but there are also many trees in the area. Mrs. Primeau commented that she feels the proposed location is not the best as people will see it when they look up. She questioned why it couldn't be located at the top of a hill like the area across from St. Ann's Church.

In response to Mrs. Primeau's question, Mr. Dey noted that the Brighenti family owns the property across from St. Ann's Church and they have indicated that they are not interested in having a tower located there.

Mr. Fisher explained that property owners cannot be forced to agree to locate a tower on their land; eminent domain does not exist in this regard. Mr. Fisher added that there are many people

DRAFT

in the area of St. Matthews Church that currently do not have service. Many surrounding properties were contacted in search of the best location.

Mr. Hines stated that the church is in favor of the tower. In response to Mr. Whalen's question, Mr. Hines noted that the steeple is 60 feet high but the trees around it are 70 to 80 feet high. The antennas will be visible.

In response to Mrs. Primeau's question, Mr. Hines noted that the neighbors to the north and west have been contacted but the neighbors on Greenwood have not been contacted. Mr. Hines added that he never got a response from the neighbors that were contacted.

Marianne Clark, Alternate Commission Member and resident of Westland Road, commented that she has a clear view of the steeple from her house.

Ms. Keith noted her concerns with the proposal and the size of the proposed antennas.

Mr. Fisher commented that the evergreen trees in the area are 80 feet high and the antennas must be above that. The aesthetics can be considered but it is a balancing act.

In response to Mr. Starr's question, Mr. Fisher commented that the public hearing for the Siting Council should be sometime in January but he can submit specific recommendations of this Commission now.

Mr. Starr commented that the legal notice announcing the public hearing will serve as notification to the residents; they can attend the hearing and offer input at that time.

Section 8-24 Referrals:

- Roof replacement and associated HVAC units for Avon Middle School
- Expansion of Town Clerk's Vault

Present to represent these proposals was Blythe Robinson, Assistant Town Manager

Ms. Robinson explained that the middle school needs a new roof and the associated HVAC units. A privacy screen is needed to meet the State's requirements. In addition, the Town Clerk's vault needs to be expanded. The existing vault is 400 square feet; an expansion of 400 square is proposed to bring the total size to 800 square feet, based on the population projection. A 25-foot addition to the rear of the building is proposed.

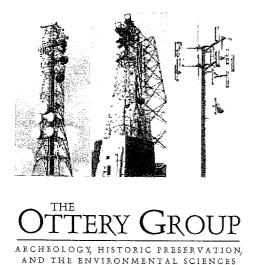
Avon Middle School Roof Replacement and Related Improvements:

On a motion made by Mr. Freese, seconded by Mr. Thompson, it was voted

RESOLVED, that the Planning and Zoning Commission of the Town of Avon approves the following project pursuant to the provisions of Section 8-24 of the General Statutes of Connecticut:

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Reserved for Exhibit # 6



NEPA Environmental Effects Checklist

St. Matthew Church-Avon #2013

224 Lovely Street Avon, CT 06001 Hartford County



Prepared for:

AT&T 500 Enterprise Drive, 3rd Floor Rocky Hill, CT 06067

Prepared by:

The Ottery Group 3420 Morningwood Drive Olney, MD 20832

July 2008

NEPA Checklist Guidelines

SITE: St. Matthew Church-Avon

Approximate Structure Height: 100 feet

Site antenna(s) are to be: top mounted X side mounted

*Categorize all compliance/audit sites according to their pre-build status.

A. If your site has been previously reviewed and is in compliance, no NEPA approval memo is needed for the following changes:

1. ERP reduction, antenna change outs that do not increase the gain, orientation change, lighting change, removal of non-operating antennas, address changes.

B. Only RF emissions review is required on the NEPA Checklist when:

- 2. Minor modification which will affect the RF (Adding a BTS, larger gain/size antenna).
- 3. Major or minor modifications to an Antenna Farm (previously determined by EPA Group).
- 4. Temporary/Special events sites (COWS) (temporary crane testing does not require RF review).

C. Age verification of the building and RF is required when:

5. All facilities are completely located within a building including antennas.

Historic viewshed issues cannot apply for antennas wholly contained in a building. If the building is over 45 years of age, a historian must review the building to determine if the building is eligible to be listed on the National Register of Historic Places.

D. For LEASED structures the requirements specified on the Limited/Short Form, in either box 2A,B,C; or

- 3A,B,C, or 4A,B,C, is the criteria established to determine when only Historical and RF verification is required: 6. No additional Historical NEPA review will be required for minor modifications covered under the specifics of the FCC's Programmatic Agreement (PA) (see the Programmatic Agreement)
- 7. The minor modifications include: structure height increases that are less than 10%; or addition of platforms that would not protrude beyond 20'; and additional excavation outside the current tower site is not involved. (See NEPA Short Form)
- 8. Additional Historic NEPA review will be required for major modifications or substantial changes to structures not covered by the PA (i.e., tower height increase of 10% or more).
- 9. Major or minor modifications to a structure considered to be part of an existing Antenna Farm (previously determined by FCC Group)
- 10. Additional Historic NEPA review will be required for any existing man-made structure such as buildings, water tanks, billboards, flag poles, etc. (man-made= any structure not originally designed to carry telecommunication antennas) when: the building is 45 years or older; is a historic location or within an historic district, or is eligible for listing. (See the Programmatic Agreement)

Other available resources that can be used to show no impact to historical:

- Database search/Photos /Site plot on a map
- Site visit/qualified consultant
- Previous SHPO "No effect" or "No adverse effect" finding
- Current SHPO "No Effect" or "No Adverse Effect" finding (required for major modifications)
- Age of the building (If the building is over 45 years of age, a historian must review the building to determine if the building is eligible to be listed on the National Register.)

E. For OWNED structures: the Owned NEPA Review Form should be used for:

11. A minor modification, including structure height increases that are less than 10%; or addition of platforms that would not protrude beyond 20'; and additional excavation not involved outside the current tower site, and modifications for a site previously in compliance.

Full NEPA Documentation is required for new tower construction

Full NEPA Documentation is required to modify and existing owned site without a previous full NEPA review on file (Audit)

Current research to document "No Effect"

- FEMA
- Critical Habitat
- USFWS (federal)
- Historical/Native American
- State DNR
- Native American Religious Sites (new builds only)
- Wetlands, Water, Forest Wilderness
- -
 - Eligibility (local check)

DOES THIS SITE NEED AN EA?

OWNED NEPA REVIEW

All holdings and affiliates of Cingular Wireless (including affiliated tower companies) must complete this form for all new site construction and/or site modifications to owned structures.

PROJECT INFORMATION				
FCC Mkt. Hartford, CT MSA	Type of Structure/Tower: monopole	SpectraSite managed site ID#		
Site ID: 2013	Site Name: St. Matthew Church-Avon	Crown managed site BU#		
Type of Action: New Tower Construction Audit/Compliance Temp (COW, Calf, etc.) ¹ EA Required? Modification (FULL NEPA required)				
Compliance NEPA on file with FCC Group 🗌 Yes 🖾 No Will this involve: 🖾 Top mounting 🔲 Side mounting				
	e site? This checklist is submitted for the constru within a 50x50-foot compound at the rear of the S	1		
location is via an existing driveway a		- mathews charon. Access to the site		
Location of Action (address, city, cou	inty, state):			
224 Lovely Street Avon CT (Hartfo	rd County)			

ITEMS 1 - 9 MUST BE FILLED OUT FOR A COMPLETE (FULL) NEPA REVIEW ITEMS 9 - 11 (and top portion of page 1) FOR A LIMITED (SHORT) NEPA REVIEW Market coordinator must sign/certify checklist.

- Is the facility located in an officially designated wilderness area? [47 CFR 1.1307 (a)(1)]
 □ Yes ⊠ No If so, describe the area, its location and source of the information.
- Is the facility located in an officially designated wildlife preserve? [47 CFR 1.1307 (a)(2)]
 □ Yes ⊠ No If so, describe the preserve, its location and source of information.
- Will the facility: (i) affect listed threatened or endangered species or designated critical habitats; or (ii) jeopardize the continued existence of any proposed endangered or threatened species; or is it likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973. [47 CFR 1.1307 (a)(3)]
 Yes X No If so, describe the species, critical habitat, location, and source of the information.
- Will the facility be located in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places? [47 CFR 1.1307 (a)(4)]
 Yes ⊠ No
- 5. Will the facility affect an Indian religious site? [47 CFR 1.1307 (a)(5)]
 Original Letter: ______ Follow-up Letter: ______
 Yes ⊠ No □ N/A If so, describe the source of the information.
- 6. Will the facility be located in a "floodplain"? [47 CFR 1.1307 (a)(6)] ☐ Yes N If so, describe the floodplain, its location, and source of the information.
- Will the construction of the facility involve significant change in surface features (e.g. wetland fill, deforestation, or water diversion)? [47 CFR 1.1307 (a)(7)]
 Yes NX
 If so, describe the surface feature, its location, and source of the information.
- 8. Will the facility be equipped with high intensity white lights which are to be located in a residential neighborhood, as defined by the local zoning law? [47 CFR 1.1307 (a)(8)]
 Yes NX

¹ Grounding is the only alteration to the physical environment that is acceptable. First choice for grounding should be to an existing utility pole.

DEDIGO				
	SION VERIFICATION:			
9A. Cellular Sites – providing Cellular Radiotelephone Services within the meaning of 47 CFR Part 22, Subpart H, do either				
of the following apply (See A & B below): [47 CFR 1.1307 (b)] Yes No A. non-building-mounted antennas: height above ground level to lowest point of antenna less than 10mtrs.				
A .	(30 ft): and the total power of a	Il channels is greater than 1,000 watts ERP*; or		
B.		the total power of all channels is greater than 1,000 watts ERP.*		
		the total power of an enamies to Breater than 1,000 watts Did .		
9B. PCS S				
1) pr	oviding Broadband PCS services within	the meaning of 47 CFR Part 24, Subpart E, do either of the following apply		
	See A & C below): [47 CFR 1.1307 (b)]			
2) pr	oviding <u>Narrowband PCS</u> services with	in the meaning of 47 CFR Part 24, Subpart D, do either of the following		
	oply (See B & C below): [47 CFR 1.130			
A) 10	nd the total power of all channels is great	ht above ground level to lowest point of antenna less than 10mtrs. (30 ft);		
		ht above ground level to lowest point of antenna less than 10mtrs. (30 ft.);		
	nd the total power of all channels is grea	ter than 1 000 watts EBP*; or		
		power of all channels is greater than 2,000 watts ERP.*		
		porter er an enament is greater than 2,000 watts that.		
9C. Micro	wave Sites - Exceeds the exposure limit	ts identi fied in Table 1 of 1.1310 when the equipment is in close proximity of		
the pu	blic. 🗌 Yes 🗌 N	o 🗌 N/A		
9D. Pagin	g and Radiotelephone Service Sites wi	ithin the meaning of 47 CFR Part 90, does either of the following apply (See		
	below): [47 CFR 1.1307 (b)]			
A) IO	r non-building-mounted antennas: heigh	at above ground level to lowest point of antenna less than 10 mtrs. (30 ft) and		
10	tal power of all channels greater than 1,0	000 watts ERP*; or		
	-	power of all channels is greater than 1,000 watts ERP.*		
*In the sec transmitter	*In the section above, the term "total power of all c hannels" means the sum of all co-located simultaneously operating transmitters owned and operated by a single licensee. For facilities using sectored antennas, this rule is applied separately			
for each se	ector.			
	REQUIRES SIGNATURE OF RF	ENGINEER OR NETWORK DEPLOYMENT MANAGER		
The unders	igned certifies that this site will be madi	ified/constructed in compliance with the RF exposure regulations mandated		
by the FCC	with regard to the general public. The	FCC and Cingular quidelines regarding Maximum Permissible Exposure		
will not be	by the FCC with regard to the general public. The FCC and Cingular guidelines regarding Maximum Permissible Exposure will not be exceeded as a result of activating this site. The undersigned is accountable for any mitigating activities, including			
and not limited to RF survey and posting proper signage, if required.				
a and a start of the start of t				
Signature o	of RF Engineer	Date		
L				
The under	signed has completed this Checklist			
developme	signed has completed this Checklist as ont of a tract of land and certifies that	s part of an environmental impacts analysis for the possible the answers contained herein are truthful and accurate to the best		
of the und	ersigned's knowledge after reasonable	ine answers contained herein are truthing and accurate to the dest		
		in congution.		
	f Consulting Firm and Signature:			
0	Lyh C. 11 Gr.			
Consultants	TILIL			
	myh C. 11 p.	Jul. 22 2000		
The Ottery	Group	<u>July 23, 2008</u> Date		
the Ottory	oroup	Date		

Market Representative:

Date

Date:

** A consultant's signature on the form is optional

NEPA ENVIRONMENTAL AFFECTS CHECKLIST SOURCE INFORMATION FORM

Site Name: St. Matthew Church-Avon	Site No.: 2013	Initials: LCT	Date: July 23, 2008

1. Is the site located in an officially designated wilderness area?

Information Source Review of USGS topographic map and street atlas; review of Connecticut DEP NDDB maps.

2. Is the site located in an officially designated wildlife preserve?

Information Source

Review of USGS topographic map and street atlas; review of Connecticut DEP NDDB maps.

3. Will the facility affect listed threatened or endangered species or designated critical habitats?

Information Source

Review of USGS topographic map and street atlas; review of Connecticut DEP NDDB maps; consultation with the New England Field Office of the USFWS and the Bureau of Natural Resources of the CT DEP.

4. Will the facility be located in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places?

Information Source

Review of Nationwide Programmatic Agreement of 10/5/04, review of NRIS data; review of SHRI data; consultation with the Connecticut SHPO.

5. Will the facility affect an Indian religious site?

Information Source Consultation with Native American Tribal organizations as defined by TCNS (conducted by AT&T).

6. Is the site located on a "floodplain"?

Information Source Review of current FIRM data.

7. Will construction involve significant change in surface features (impacts to wetlands, deforestation, water diversion, etc.)?

Information Source

Review of USGS topographic map; review of current NWI data; review of USDA soil survey; review of current aerial photographs of site location and the surrounding area.

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Reserved for Exhibit # 7



June 20, 2008

Susan Chandler Historical Architect Connecticut Commission on Culture & Tourism Historic Preservation and Museum Division One Constitution Plaza, 2nd Floor Hartford, Connecticut 06103

Re: Section 106 review for the proposed AT&T Mobility "St. Matthew Church-Avon Telecommunications Facility" – 224 Lovely Street, Avon, CT

Ms. Chandler:

At the request of AT&T Mobility, The Ottery Group, Inc. is hereby initiating consultation with your office prior to the construction of a telecommunications facility in Avon, CT. As a licensee of the Federal Communications Commission (FCC), AT&T is required to consider the effects of the proposed undertaking on historic properties under FCC requirements (47 CFR 1.1307) and Section 106 of the National Historic Preservation Act (36 CFR 800) as implemented by the Programmatic Agreements governing project review for telecommunications projects.

The following attachment regarding the proposed undertaking is provided in order to initiate consultation pursuant to 36 CFR 800.3. The report includes an identification of historic properties that are listed in or have been determined eligible for the National Register of Historic Places (NRHP) and an assessment of the effects of the planned undertaking.

I look forward to your comments regarding the effects of the proposed undertaking. If you have any questions or require more information please feel free to contact me by phone or email (lyle.torp@otterygroup.com). I appreciate your assistance with this project.

Sincerely, THE OTTERY GROUP-INC

Lyle C. Torp Managing Director

Attachment - FCC Form 620, Parts 1 and 2

Y SHEAD STATE HISTORIC PRESERVATION OFFICE

Date 2-14-08 Project

1810 AUGUST DRIVE * SILVER SPRING, MARYLAND 20902 * 301.562.1975 (MAIN) * 301.562.1976 (FAX) www.otterygroup.com



United States Department of the Interior



FISH AND WILDLIFE SERVICE New England Field Office 70 Commercial Street, Suite 300 Concord, New Hampshire 03301-5087 http://www.fws.gov/northeast/newenglandfieldoffice

RE: Telecommunications facilities Avon, Newtown, Woodbury, Lyme, East Haddam, CT July 22, 2008

Lyle Torp The Ottery Group 1810 August Drive Silver Spring, MD 20902

Dear Mr. Torp:

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.

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, 2009. Updated consultation letters and species lists are available on our website:

(http://www.fws.gov/northeast/newenglandfieldoffice/EndangeredSpee-Consultation.htm)

Thank you for your cooperation, and please contact me at 603-223-2541 for further assistance.

Sincerely yours,

Retton P.Z.

Anthony **F**. Tur Endangered Species Specialist New England Field Office

----Original Message-----From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov] Sent: Friday, August 01, 2008 2:48 PM To: ATTMobility NEPA Subject: Proposed Tower Structure Info - Email ID #1967958 Dear Kim Russell, Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure. You will need to reference this Notification ID number when you update your project's Status with us. Below are the details you provided for the tower you have proposed to construct: Notification Received: 08/01/2008 Notification ID: 43129 Tower Owner Individual or Entity Name: AT&T Mobility, LLC Consultant Name: Kim Russell Street Address: 5601 LEGACY DRIVE MS A-3 City: PLANO State: TEXAS Zip Code: 75024 Phone: 469-229-7002 Email: cingularNEPA@cingular.com Structure Type: POLE - Any type of Pole Latitude: 41 deg 47 min 56.3 sec N Longitude: 72 deg 53 min 18.1 sec W Location Description: 224 Lovely Street City: Avon State: CONNECTICUT County: HARTFORD Ground Elevation: 25.3 meters Support Structure: 30.5 meters above ground level Overall Structure: 30.5 meters above ground level Overall Height AMSL: 55.8 meters above mean sea level

Site Name: St. Matthew Church-Avon Client Name: AT&T Mobility

TOWER SITE EVALUATION FORM

1. Location (Provide maps if possible): <u>224 Lovely Street, Avon</u> State: <u>CT</u> County: <u>Hartford</u> Lat/Long/GPS: <u>41-47-57.8 (N) 72-53-20.8 (W)</u>

City and Highway Direction (2 miles W on Hwy 20, etc.):

At the rear of the St. Matthew Lutheran Church, on the east side of Lovely Street, south of the intersection of Lovely Street and Bridgewater Drive

- 2. Elevation above mean sea level: <u>310 feet amsl</u>
- Will the equipment be co-located on an existing <u>FCC licensed</u> tower or other existing structure (building, billboard, etc.)? (y/n) <u>N</u> If yes, type of structure: If yes, no further information is required.
- 4. If no, provide proposed specifications for new tower: Height: <u>100 ft.</u> Construction type (lattice, monopole, etc.):<u>monopole</u>

Guy-wired? (y/n) <u>N</u> No. Bands: <u>Total No. Wires:</u> Lighting (Security & Aviation): <u>N</u>.

If tower will be lighted or guy-wired, complete items 5-19. If not, complete only items 19 and 20.

5. Area of tower footprint in acres or square feet:

6. Length and width of access road in feet:

- 7. General description of terrain mountainous, rolling hills, flat to undulating, etc. Photographs of the site and surrounding area are beneficial:
- 8. Meteorological conditions (incidence of fog, low ceilings, etc.):
- 9. Soil type(s):
- 10. Habitat types and land use on and adjacent to the site, by acreage and percentage of total:
- 11. Dominant vegetative species in each habitat type:
- 12. Average diameter breast height of dominant tree species in forested areas:

Site Name: St. Matthew Church-Avon Client Name: AT&T Mobility

- 13. Will construction at this site cause fragmentation of a larger block of habitat into two or more smaller blocks? (y/n)_____ If yes, describe:
- 14. Is evidence of bird roosts or rookeries present? (y/n)_____ If yes, describe:
- 15. Distance to nearest wetland area (forested swamp, marsh, riparian, marine, etc.), and coastline if applicable:

The margin of Roaring Brook is located approximately 500 feet to the east of the subject site.

- 16. Distance to nearest telecommunications tower:_____.
- 17. Potential for co-location of antennas on existing towers or other structures:______
- 18. Have measures been incorporated for minimizing impacts to migratory birds? (y/n)_____ If yes, describe:
- 19. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? (y/n) N If yes, present findings:

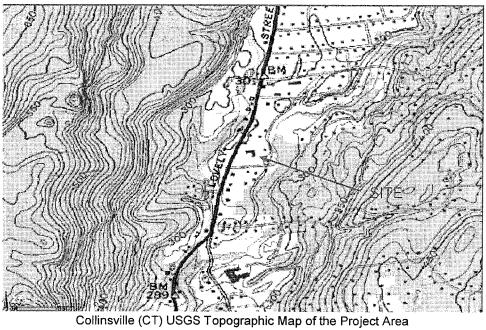
The footprint of the planned telecommunications facility is on a cut lawn adjacent to a parking lot. The site location is within a blob on the CT NDBB, therefore, the CT DEP is also reviewing the planned project.

20. Additional information required:

The undertaking consists of the construction of a telecommunications facility. The proposed facility will consist of a 100-foot monopole and associated equipment contained within a 50x50-foot fenced compound. The planned undertaking will also involve construction of an access road from the existing parking lot to the south. Utility connections currently exist on the subject property; telco and power connections will be made to serve the proposed facility. No other construction-related activities are anticipated. Site plans are attached.



Aerial Photograph of the Project Area



Site Name: St. Matthew Church-Avon Client Name: AT&T Mobility

Photo 1:

View of the ground surface at the rear of the church where the footprint of the facility will be located. As depicted on the site plans, the shed will be relocated.

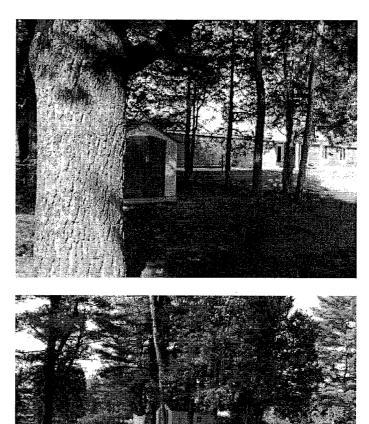
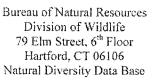


Photo 2:

View of the setting at the proposed site location, facing south.



STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION





September 16, 2008

Mr. Lyle Torp The Ottery Group, Inc. 1810 August Drive Silver Spring, MD 20902

RE: Proposed telecommunications facility at the rear of St. Matthews Lutheran Church at 224 Lovely Street in Avon Connecticut

Dear Mr. Torp:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed telecommunications facility at the rear of St. Matthews Lutheran Church at 224 Lovely Street in Avon Connecticut. According to our information, there are records for State Special Concern *Terrapene carolina carolina* (eastern box turtle) from the vicinity of this project site. I have sent your letter to Julie Victoria (DEP-Wildlife; 860-642-7239) for further review. She will write to you directly with her comments.

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

Please contact me if you have further questions at (860) 424-3592. Thank you for consulting the Natural Diversity Data Base. Also be advised that this is a preliminary review and not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to DEP for the proposed site.

Sincerely,

Dawn M. McKay

Biologist/Environmental Analyst

Cc: Julie Victoria, NDDB#16307

(Printed on Recycled Paper)
 29 Elm Street

 Hanford, CT 06106-5127
 http://www.ct.gov/dep
 An Equal Opportunity Employer



STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION FRANKLIN WILDLIFE MANAGEMENT AREA 391 ROUTE 32 NORTH FRANKLIN, CT 06254 TELEPHONE: (860) 642-7239



September 19, 2008

Mr. Lyle Torp The Ottery Group, Inc. 1810 August Drive Silver Spring, MD 20902

re: proposed telecommunication facility at rear of St. Matthews Church, 224 Lovely St., Avon

Dear Mr. Torp:

Your request was forwarded to me on 9/19/08 from Dawn McKay of the Department of Environmental Protection's (DEP) Natural Diversity Data Base. Their records indicate that a state species of special concern; Eastern Box Turtle (*Terrapene carolina*) occurs in the vicinity of your project.

Eastern box turtles require old field and deciduous forest habitats, which can include power lines and logged woodlands. They are often found near small streams and ponds, the adults are completely terrestrial but the young may be semiaquatic, and hibernate on land by digging down in the soil from October to April. They have an extremely small home range and can usually be found in the same area year after year. The application indicates that the land has been previously disturbed. This would not preclude Eastern box turtles as studies have indicated that land management practices that provide open areas may make the land suitable for box turtle nesting activity

If Eastern box turtle habitat is going to be impacted by this proposed project, the Wildlife Division recommends that a herpetologist familiar with the habitat requirements of this species conduct surveys between April and September to see if they are present. A report summarizing the results of such surveys should include habitat descriptions, reptile species list and a statement/resume giving the herpetologist' qualifications. The DEP doesn't maintain a list of qualified herpetologists. A DEP Wildlife Division permit may be required by the herpetologist to conduct survey work, you should ask if your herpetologist has one. The results of this investigation can be forwarded to the Wildlife Division and, after evaluation, recommendations for additional surveys, if any, will be made.

Standard protocols for the protection of wetlands should be followed and maintained during the course of the project. Additionally, all silt fencing should be removed after soils are stable so that reptile and amphibian movement between uplands and wetlands is not restricted.

Please be advised that the Wildlife Division has not made a field inspection of the project nor have we seen detailed timetables for work to be done. Consultation with the Wildlife Division should not be substituted for site-specific surveys that may be required for environmental assessments. The time of year when this work will take place will affect these species if they are present on the site when the work is scheduled. Please be advised that should state permits be required or should state involvement occur in some other fashion, specific restrictions or conditions relating to the species discussed above may apply. In this situation, additional evaluation of the proposal by the DEP Wildlife Division should be requested. If the proposed project has not been initiated within 6 months of this review, contact the NDDB for an updated review. If you have any additional questions, please feel free to contact me at <u>Julie.Victoria@ct.gov</u>, please reference the NDDB # at the bottom of this letter when you e-mail or write. Thank you for the opportunity to comment.

Sincerely,

Julie Victoria Wildlife Biologist Franktin Swamp Wildlife Management Area 391 Route 32 N. Franklin, CT 06254

An Equal Opportunity Employer

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]
Sent: Friday, October 03, 2008 2:07 PM
To: ATTMobility NEPA
Cc: towernotifyinfo@fcc.gov; KKnowles@mptn-nsn.gov
Subject: Reply to Proposed Tower Structure (Notification ID #43129) Email ID #2028986

Dear Kim Russell,

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 #43129:

Dear Ms Russell, Regarding Notification ID #43129, based on a review of the information provided 10-3-08, 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: 08/01/2008 Notification ID: 43129 Tower Owner Individual or Entity Name: AT&T Mobility, LLC Consultant Name: Kim Kim Street Address: 5601 LEGACY DRIVE MS A-3 City: PLANO State: TEXAS Zip Code: 75024 Phone: 469-229-7002 Email: cingularNEPA@cingular.com

Structure Type: POLE - Any type of Pole Latitude: 41 deg 47 min 56.3 sec N Longitude: 72 deg 53 min 18.1 sec W Location Description: 224 Lovely Street City: Avon State: CONNECTICUT County: HARTFORD Ground Elevation: 25.3 meters Support Structure: 30.5 meters above ground level Overall Structure: 30.5 meters above ground level Overall Height AMSL: 55.8 meters above mean sea level

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Reserved for Exhibit # 8

CERTIFICATION OF SERVICE

I hereby certify that on this _____ day of _____, 2009, copies of AT&T's Application and Attachments for a Certificate of Environmental Compatibility and Public Need for the Construction, Maintenance and Operation of a Wireless Telecommunications Facility were sent by certified mail, return receipt requested, to the following:

State and Regional

The Honorable Richard Blumenthal Attorney General Office of the Attorney General 55 Elm Street Hartford, CT 06106 (860) 808-5318

Department of Environmental Protection Regina McCarthy, Commissioner 79 Elm Street Third Floor Hartford, CT 06106 (860) 424-3001

Department of Public Health J. Robert Galvin, M.D., M.P.H, M.B.A. Commissioner 410 Capitol Avenue Hartford, CT 06134-0308 (860) 509-8000

Council on Environmental Quality Karl J. Wagener, Executive Director 79 Elm Street Hartford, CT 06106 (860) 424-4000

Department of Public Utility Control Donald W. Downes, Chair 10 Franklin Square New Britain, CT 06051 (860) 827-1553

Office of Policy and Management Robert L. Genuario, Secretary 450 Capitol Avenue Hartford, CT 06106-1308 (860) 418-6200 Department of Economic and Community Development Joan McDonald, Commissioner 505 Hudson Street Hartford, CT 06106-71067 (860) 270-8000

Department of Transportation Joseph Marie, Commissioner 2800 Berlin Turnpike Newington, CT 06131-7546 (860) 594-3000

Department of Agriculture F. Philip Prelli, Commissioner 165 Capitol Avenue Hartford, CT 06106 (860) 713-2569

Capital Region Council of Governments Lyle D. Wray, Executive Director 241 Main Street, 4th Floor Hartford, CT 06106-5310 (860) 522-2217

State Senate Thomas J. Herlihy 8th Senatorial District Legislative Office Building Room 3901 Hartford, CT 06106-1591 (800) 842-1421

State Representative Kevin D. Witkos 17th Assembly District Legislative Office Building Room 4200 Hartford, CT 06106-1591 (860) 240-8700

Federal

Federal Aviation Administration 800 Independence Avenue, SW Washington, DC 20591

Town of Avon John F. Carlson Chairman Town Council Avon Town Hall 60 West Main Street Avon, CT 06001

Town of Avon Philip K. Schenck, Jr. Town Manager Avon Town Hall 60 West Main Street Avon, CT 06001

Town of Avon Planning and Zoning Commission Duane Starr, Chairman Avon Town Hall 60 West Main Street Avon, CT 06001

Town of Avon Zoning Board of Appeals John Drew, Chairman Avon Town Hall 60 West Main Street Avon, CT 06001 Federal Communications Commission 445 12th Street SW Washington, D.C. 20554

Town of Avon

Town of Avon Ann L. Dearstyne Town Clerk Avon Town Hall 60 West Main Street Avon, CT 06001

Town of Avon Natural Resources Commission Marianne Landers Clark, Chairperson Avon Town Hall 60 West Main Street Avon, CT 06001

Town of Avon Inland/Wetlands Commission Cliff Thier, Chairman Avon Town Hall 60 West Main Street Avon, CT 06001

Dated

Daniel M. Laub, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, New York 10601 Attorneys for AT&T

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Reserved for Exhibit # 9

NOTICE

Notice is hereby given, pursuant to Section 16-501(b) of the Connecticut General Statutes and Section 16-50I-1(e) of the Regulations of Connecticut State Agencies of an Application to be filed with the Connecticut Siting Council ("Siting Council") on or after December 26, 2008 by AT&T (the "Applicant") for a certificate of environmental compatibility and public need for the construction and maintenance of a wireless telecommunications facility in Avon, Connecticut. The property being considered for the proposed wireless telecommunications facility (the "Facility") is located at 224 Lovely Street (also known as Route 177) on the property of St. Matthew Church. The proposed Facility will be located in the central portion of the parcel and will consist of a 100-foot self-supporting monopole tower, antennas and a 50'x 50' fenced equipment compound designed to accommodate unmanned equipment in single-story equipment buildings and concrete pads.

The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

The Facility is being proposed to allow AT&T and other federally licensed wireless carriers to provide service in this area of the Town. The Application explains the need, purpose and benefits of the Facility and also describes the environmental impacts of the proposed Facility.

A balloon, representative of the proposed height of the monopole, will be flown at the proposed site on the first day of the Siting Council public hearing on the Application, which will take place in Town, or such other date specified by the Siting Council and a time to be determined by the Siting Council, but anticipated to be between the hours of 1pm and 5pm.

Interested parties and residents of the Town of Avon, Connecticut are invited to review the Application during normal business hours after December 26, 2008 at any of the following offices:

Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Ann L. Dearstyne, Town Clerk Avon Town Hall 60 West Main Street Avon, CT 06001

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

> Christopher B. Fisher, Esq. Cuddy & Feder LLP 445 Hamilton Ave, 14th Floor White Plains, New York 10601 (914) 761-1300 Attorneys for the Applicant

December 23, 2008

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

NAME & ADDRESS XXX XXX

Re: AT&T Proposed Wireless Telecommunications Facility St. Matthew Church, 224 Lovely Street Avon, Connecticut Application to the State of Connecticut Siting Council

Dear _____:

We are writing to you on behalf of our client AT&T with respect to the above referenced matter and our client's intent to file an application with the State of Connecticut Siting Council for approval of a proposed wireless communications tower facility (the "Facility") within the Town of Avon. State law requires that owners of record of property that abuts a parcel on which facility is proposed be sent notice of an applicant's intent to file an application.

The property being considered for the proposed wireless telecommunications facility (the "Facility") is located at 224 Lovely Street (also known as Route 177) on the property of St. Matthew Church. The proposed Facility will be located in the central portion of the parcel and will consist of a 100-foot self-supporting monopole tower, antennas and 50'x 50' fenced equipment compound designed to accommodate unmanned equipment in single-story equipment buildings or on concrete pads.

Vehicular access to the site will extend along the existing drive and parking area as well as a new 30' gravel access drive to the proposed Facility. Underground utility connections would extend along the access drive from an existing utility pole onsite.

The location, height and other features of the proposed Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please do not hesitate to contact the Connecticut Siting Council or the undersigned on or after December 29, 2008, the date which the application is expected to be on file.

Very truly yours,

Christopher B. Fisher

CBF/dml

ADJACENT PROPERTY OWNERS 224 Lovely Street, Avon, Connecticut

The following information was collected from the Town of Avon's Tax Assessors' records

Property Owners and Mailing Addresses

Map 11 Lot 3060214 David E Norris 214 Lovely St Avon, CT 06001

Map 11 Lot 3060204 Brian Grant & Andrea Grant 204 Lovely St Avon, CT 06001

Map 11 Lot 1870138 JS Lawless Trustee 138 Cold Spring Road Avon, CT 06001

Map 11 Lot 1870144 William & Patricia Panetta 144 Cold Spring Rd Avon, CT 06001

Map 11 Lot 1870150 Ben Van De Bunt & Laura Fox 5959 Topanga Canyon Blvd 180 Woodland Hills, CA 91367 Map 11 Lot 1870156 George & Jennifer Barrows 156 Cold Spring Rd Avon, CT 06001

Map 11 Lot 2470021 Thomas & Patricia McMahon 21 Greenwood Dr. Avon, CT 06001

Map 11 Lot 2470015 Jane P. Garrett 15 Greenwood Dr Avon, CT 06001

Map 11 Lot 2470009 Mark & Sheridan Toomey 9 Greenwood Dr Avon, CT 06001

Map 11 Lot 3060240 Peter W. Wiese 240 Lovely St Avon, CT 06001

Map 11 Lot 3060225 Silvio Brighenti Family LLC 165 Lovely Street Avon, CT 06001

CERTIFICATION OF SERVICE

I hereby certify that on the 23rd day of December 2008 a copy of the foregoing letter was mailed by certified mail, return receipt requested to each of the abutting properties owners on the accompanying list.

Date 7, 2009

Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, New York 10601

Attorneys for: AT&T

(This page intentionally left blank.)

Reserved for Exhibit # 10

Application Guideline	Location in Application
(A) An Executive Summary on the first page of the application	I.B: Executive Summary, page 2
with the address, proposed height, and type of tower being	
proposed. A map showing the location of the proposed site	Attachment 3: Description and Design of
should accompany the description;	Proposed Facility
(B) A brief description of the proposed facility, including the	I.B: Executive Summary, page 2
proposed locations and heights of each of the various proposed	
sites of the facility, including all candidates referred to in the	V: Facility Design: pages 8-9
application;	
(C) A statement of the purpose for which the application is	I.A: Purpose and Authority, page 1
made;	
(D) A statement describing the statutory authority for such	I.A: Purpose and Authority, page 1-2
application;	
(E) The exact legal name of each person seeking the	I.C: The Applicant, page 2
authorization or relief and the address or principle 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;	
(F) The name, title, address, and telephone number of the	I.C: The Applicant, page 3
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;	
(G) A statement of the need for the proposed facility with as	III.A: Statement of Need, pages 4-5
much specific information as is practicable to demonstrate the	
need including a description of the proposed system and how	Attachment 1: Statement of Need with plots
the proposed facility would eliminate or alleviate any existing	of existing and proposed coverage
deficiency or limitation;	
(H) A statement of the benefits expected from the proposed	III.B: Statement of Benefits, pages 5-6
facility with as much specific information as is practicable;	
	I.B. Executive Summary, page 2
and alternative sites including:	
(1) Height of the tower and its associated antennas	V: Facility Design, pages 8-9
including a maximum "not to exceed height" for the	
facility, which may be higher than the height proposed	Attachment 3: Description and Design of
by the Applicant;	Proposed Facility
(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	VI.C: Power Density, page 10
worst-case and estimated operational level approximation of	
electro magnetic radiofrequency power density levels (facility	Attachment 1: Statement of need with
using FCC Office of Engineering and Technology Bulletin 65,	proposed coverage plots
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;	

Application Guideline	Location in Application
(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	Attachment 1: Statement of Need with plots
modeling used, but a legend is required to explain each color	of existing and proposed coverage
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.	
(J) A description of the named sites, including :	Attachment 3: Description and Design of
(1) The most recent U.S.G.S. topographic quadrangle map	Proposed Facility
(scale 1 inch = 2000 feet) marked to show the site of the	
facility and any significant changes within a one mile radius of	Attachment 4: Visual Resource Evaluation
the site;	Report
(2) A map (scale not less than 1 inch = 200 feet) of the lot	
or tract on which the facility is proposed to be located 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	Attachment 3: Description and Design of
proposed facility including:	Proposed Facility
(1) Construction techniques designed to specifically minimize	
adverse effects on natural areas and sensitive areas;	VI: Environmental Compatibility, pages 9-12
(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.	
(L) A description of the existing and planned land uses of the	VII.C: Planned and Existing Land Uses, page
named sites and surrounding areas;	14
(M) A description of the scenic, natural, historic, and	VI: Environmental Compatibility, pages 9-12
recreational characteristics of the named sites and surrounding	
areas including officially designated nearby hiking trails and	Attachment 3: Environmental Assessment
scenic roads;	Statement

Application Guideline	Location in Application
(N) Sight line graphs to the named sites from visually	Attachment 4: Visual Resource Evaluation
impacted areas such as residential developments, recreational	Report
areas, and historic sites;	
(O) A list describing the type and height of all existing and	IV.A: Site Selection, page 6
proposed towers and facilities within a four mile radius within	
the site search area, or within any other area from which use of	Attachment 2: Site Search Summary
the proposed towers might be feasible from a location	
standpoint for purposes of the application;(P) A description of efforts to share existing towers, or	IV.A: Site Selection, page 6
consolidate telecommunications antennas of public and private	IV.A. She Selection, page 6
services onto the proposed facility including efforts to offer	IV.B: Tower Sharing, page 8
tower space, where feasible, at no charge for space for	TV.D. Tower Sharing, page 8
municipal antennas;	V: Facility Design, page 8
manoiput antoimat,	V. I donny Design, page 0
	Attachment 2: Site Search Summary
(Q) A description of the technological alternatives and a	III.C: Technological Alternatives, page 6
statement containing justification for the proposed facility;	
	Attachment 1: Statement of Need with plots
	of existing and proposed coverage
(R) A description of rejected sites with a U.S.G.S. topographic	IV.A: Site Selection, pages 6-7
quadrangle map (scale 1 inch = $2,000$ feet) marked to show the	
location of rejected sites;	Attachment 2: Site Search Summary
(S) A detailed description and justification for the site(s)	IV.A. Site Selection, page 8
selected, including a description of siting criteria and the	Attachment 2: Site Second Second
narrowing process by which other possible sites were considered and eliminated, including, but not limited to,	Attachment 2: Site Search Summary
environmental 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);	
(T) A statement describing hazards to human health, if any,	VI: Environmental Compatibility, pages 9-12
with such supporting data and references to regulatory	
standards;	
(U) A statement of estimated costs for site acquisition,	IX.A: Overall Estimated Cost, pages 15-16
construction, and equipment for a facility at the various	
proposed sites of the facility, including all candidates referred	
to in the application;	
(V) A schedule showing the proposed program of site	IX.B: Overall Scheduling, page 16
acquisition, construction, completion, operation and relocation	
or removal of existing facilities for the named sites;	
(W) A statement indicating that, weather permitting, the	VI. A: Visual Assessment, pages 9-10
applicant will raise a balloon with a diameter of at least three foot, at the gites of the verious proposed sites of the fooility.	
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	
day of the Council's first hearing session on the application or	

Application Guideline	Location in Application
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	
(X) Such information as any department or agency of the state	VI: Environmental Compatibility, pages 9-12
exercising environmental controls may, by regulation, require	
including:	Attachment 7: Correspondence with State
1. A listing of any Federal, State, regional, district, and	Agencies
municipal agencies, including but not limited to the Federal	· · · · ·
Aviation Administration; Federal Communications	Attachment 6: FCC/NEPA Environmental
Commission; State Historic Preservation Officer; State	Compliance Check List
Department of Environmental Protection; and local	
conservation, inland wetland, and planning and zoning	Attachment 5: Record of municipal review
commissions with which reviews were conducted concerning	process
the facility, including a copy of any agency position or	
decision with respect to the facility; and	
	VII: Consistency with the Town of Avon's
2. The most recent conservation, inland wetland, zoning, and	Land Use Regulations
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	Bulk Filing
of the project with the Town's regulations and plans.	
(Y) Description of proposed site clearing for access road and	V: Facility Design, pages 8-9
compound including type of vegetation scheduled for removal	
and quantity of trees greater than six inches diameter at breast	
height and involvement with wetlands;	
(Z) Such information as the applicant may consider relevant.	