

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

Connecticut Siting Council

APPLICATION OF CELLCO PARTNERSHIP
D/B/A VERIZON WIRELESS

TOWN OF GOSHEN

GOSHEN FACILITY

DOCKET NO. _____

MAY 8, 2007



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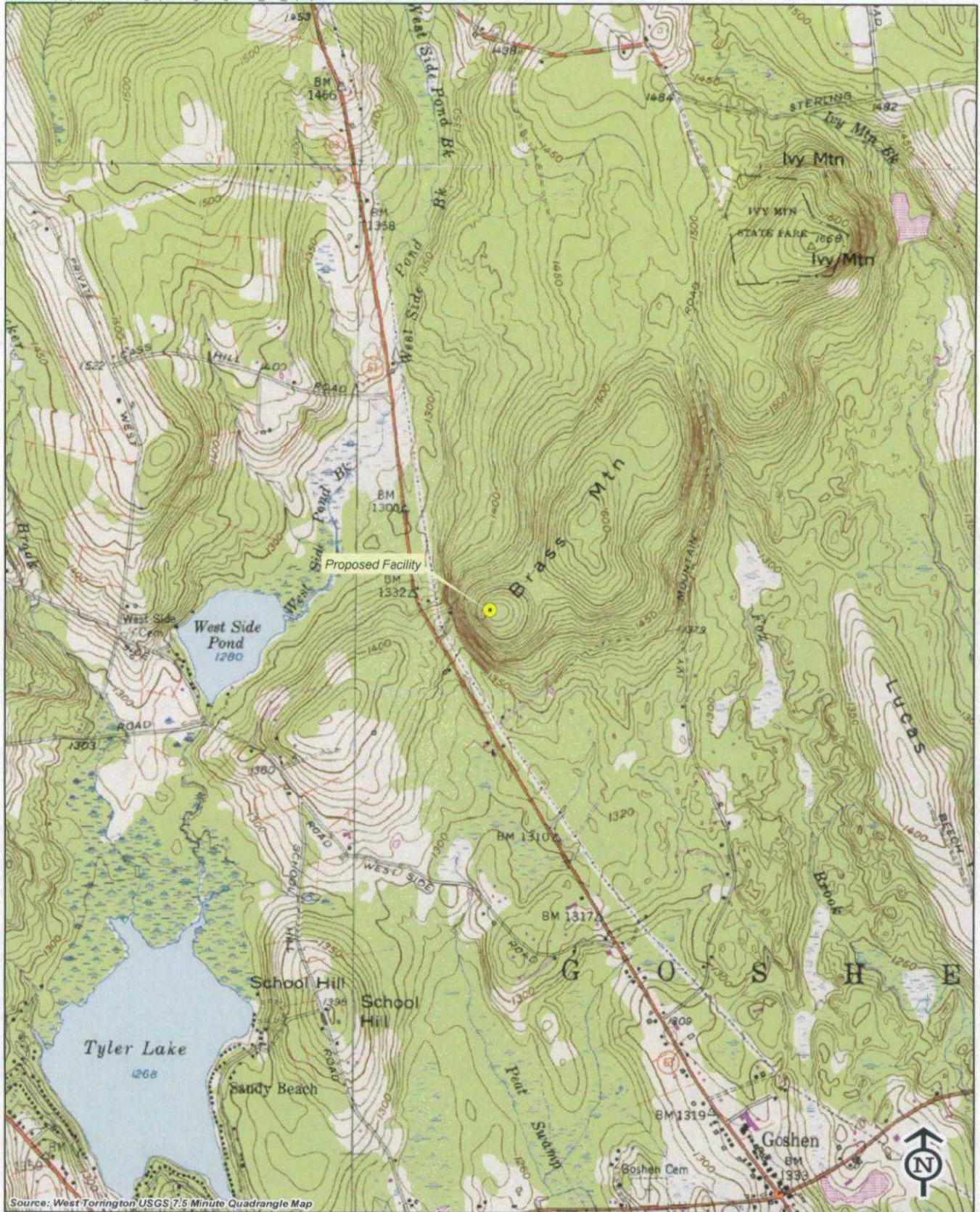
LIST OF ATTACHMENTS

1. Goshen Facility – Factual Summary and Project Plans
2. Certificate of Service of Application on Government Officials and List of Officials Served
3. Legal Notice in *The Waterbury Republican American*
4. Notice to Landowners; List of Abutting Landowners; Certificate of Service
5. Federal Communications Commission Authorization
6. Coverage Maps – Location of Proposed and Surrounding Cell Sites
7. Antenna and Equipment Specifications
8. Site Search Summary
9. Visual Impact Evaluation Report
10. Environmental Reviews/State Agency Comments
11. Wetland Impact Report and Soils Report
12. Federal Airways & Airspace Summary Report
13. Connecticut Siting Council Application Guide
14. Lease Agreement between Cellco Partnership and ARCA, LLC

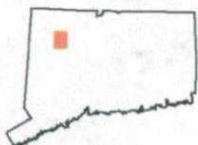
EXECUTIVE SUMMARY

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) proposes to construct a telecommunications tower and related facility at a location in the southwesterly portion of an approximately 233-acre parcel located off North Street (Route 63) in Goshen, Connecticut (the “Goshen Facility”). The proposed Goshen Facility will provide much needed coverage along the heavily-traveled Route 63 and portions of Route 4 as well as local roads in the central portion of Goshen.

At this site Cellco intends to construct a 150-foot tall monopole tower disguised as a pine tree. At the top of the tower Cellco will install twelve panel-type PCS antennas on a triangular antenna platform. Simulated branches at the top of the tree tower will extend to an overall height of 157 feet above-ground level (“AGL”). Cellco would also install a 12’ x 30’ equipment shelter located near the base of the tower to house its radio equipment and a back-up generator. Access to the Goshen Facility would extend from North Road (Route 63) over a 12-foot wide gravel driveway, a distance of approximately 2,075 feet to the cell site. The access driveway will follow an existing dirt drive on the property.



Source: West Torrington USGS 7.5 Minute Quadrangle Map



Quadrangle Location

Vanasse Hangen Brustlin, Inc.

Topographic Site Location Map
 Proposed Verizon Wireless
 Telecommunications Facility
 Brass Mountain
 Route 63
 Goshen, Connecticut

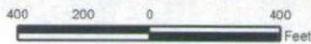




Source: 2004 Aerial Photograph



Quadrangle Location



Vanasse Hangen Brustlin, Inc.

Aerial Photograph
 Proposed Verizon Wireless
 Telecommunications Facility
 Brass Mountain
 Route 63
 Goshen, Connecticut



**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

IN RE: :
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 :
APPLICATION OF CELLCO : **DOCKET NO. ____**
PARTNERSHIP D/B/A VERIZON :
WIRELESS FOR A CERTIFICATE OF :
ENVIRONMENTAL COMPATIBILITY :
AND PUBLIC NEED FOR THE :
CONSTRUCTION, MAINTENANCE AND :
OPERATION OF A WIRELESS :
TELECOMMUNICATIONS FACILITY :
OFF NORTH STREET (ROUTE 63) IN :
GOSHEN, CONNECTICUT : **MAY 8, 2007**

**APPLICATION FOR CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED**

I. INTRODUCTION

A. Authority and Purpose

This Application and the accompanying attachments (collectively, the “Application”) is submitted by Cellco Partnership d/b/a Verizon Wireless (“Cellco” or the “Applicant”), pursuant to Chapter 277a, Sections 16-50g et seq. of the Connecticut General Statutes (“C.G.S.”), as amended, and Sections 16-50j-1 et seq. of the Regulations of Connecticut State Agencies (“R.C.S.A.”), as amended. The Application requests from the Connecticut Siting Council (“Council”) a Certificate of Environmental Compatibility and Public Need (“Certificate”) for the construction, maintenance, and operation of a wireless telecommunications facility, in the central portion of the Town of Goshen, Connecticut (the “Goshen Facility”). The proposed Goshen Facility would provide for much needed coverage along the heavily-traveled Route 63 and

portions of Route 4 as well as local roads in the central portion of Goshen. Cellco currently offers only limited wireless coverage in the Goshen area from its existing Goshen South cell site; a 195-foot Bay Communications tower at 113 Brush Hill Road in Goshen (Cellco's "Goshen South" cell site); and a 148-foot Sprint sites tower at 136 Wright Road in Torrington (Cellco's "Torrington West" cell site). The proposed Goshen cell site will provide reliable service to an approximately 4.5 mile portion of Route 63 and a 1.8 mile portion of Route 4. The Goshen site will provide coverage to an overall area of 13.3 square miles.

The Goshen Facility would be located within a 100' x 100' leased area in the southwesterly portion of a 233-acre parcel located east of North Street in Goshen (the "Property"). This site is located in the Town's RA-5 (Residential-Agriculture) zone district and is currently vacant wooded land. Cellco proposes to construct a 150-foot self-supporting monopole telecommunications tower disguised as a pine tree at this site. At the top of the tower, Cellco would install a total of twelve (12) panel-type antennas. The top of Cellco's antennas will extend to a height of approximately 153 feet AGL, four (4) feet above the top of the tower. Simulated tree branches will extend to an overall height of 157 AGL, seven (7) feet above the top of the tower. Equipment associated with the antennas would be located in a 12' x 30' shelter installed near the base of the tower. Access to the cell site would extend from North Road (Route 63) over a gravel driveway, a distance of approximately 2,075 feet to the cell site. The gravel driveway will follow an existing dirt road on the Property from North Street to the cell site. Widening, regrading and resurfacing of the new access driveway will be required to accommodate Cellco's needs. Both the tower and leased area will be designed to accommodate additional carriers.

The equipment shelter would house Cellco's radio and related equipment, including (a) receiving, transmitting, switching, processing and performance monitoring equipment; and (b) automatic heating and cooling equipment. A diesel-fueled generator would also be installed within a portion of the equipment building for use during power outages and periodically for maintenance purposes. The 210 gallon diesel fuel tank is included as a part of the generator unit. The fuel tank is double-walled and maintains a leak detection monitoring system.

The tower and equipment shelter would be enclosed by an 8-foot high security fence and gate, which would be screened. Cellco's equipment building would be equipped with a silent intrusion and systems alarm and will be monitored on a 24-hour basis to receive and to respond to incoming alarms or other technical problems. The equipment building would remain unstaffed, except as required for maintenance. Once the cell site is operational, maintenance personnel will visit the cell site on a monthly basis. More frequent visits may be required if there are problems with the cell site equipment.

Included in this Application as Attachment 1 is a factual summary and project plans for the proposed Goshen Facility. This summary, along with the other attachments submitted as part of this Application, contains all of the site-specific information required by statute and the regulations of the Council.

In accordance with Paragraph I(F) of the Council's "Application Guide" for Community Antenna Television and Telecommunication Towers, a copy of the Application Guide is included as Attachment 13. The Application Guide contains references to the specific pages of this Application and the attachments where the information required under Section VI of the Application Guide may be found.

B. The Applicant

Cellco is a Delaware Partnership with an administrative office located at 99 East River Drive, East Hartford, CT, 06108. Cellco is licensed by the Federal Communications Commission (“FCC”) to operate a wireless telecommunications system in the State of Connecticut within the meaning of C.G.S. Section 16-50i(a)(6). Operation of the wireless telecommunications systems and related activities are Cellco’s sole business in the State of Connecticut.

Cellco has extensive national experience in the development, construction and operation of wireless telecommunications systems and the provision of wireless telecommunications service to the public.

Correspondence and/or communications regarding this Application may be addressed to:

Sandy Carter, Regulatory Manager
Verizon Wireless
99 East River Drive
East Hartford, Connecticut 06108

A copy of all such correspondence or communications should also be sent to the applicant’s attorneys:

Robinson & Cole LLP
280 Trumbull Street
Hartford, Connecticut 06103-3597
(860) 275-8200
Attention: Kenneth C. Baldwin, Esq.

C. Application Fee

The estimated total construction cost for the Goshen Facility would be approximately Eight Hundred Fifty Thousand (\$850,000.00) Dollars. Pursuant to Section 16-50v-1a(b) of the Regulations of Connecticut State Agencies, an application fee of \$1,000 accompanies this Application in the form of a check payable to the Connecticut Siting Council.

II. SERVICE AND NOTICE REQUIRED BY C.G.S. SECTION 16-50(b)

Copies of this Application have been sent by certified mail, return receipt requested, to municipal, regional, state and federal officials, pursuant to C.G.S. Section 16-50(b). A certificate of service, along with a list of the parties served with a copy of the Application, is included as Attachment 2.

Notice of Cellco's intent to submit this Application was published on May 3 and 4, 2007, by Cellco in *The Waterbury Republican American* pursuant to C.G.S. Section 16-50(b). A copy of the published legal notice is included as Attachment 3. A copy of the publisher's affidavit or certificate of publication will be submitted to the Council as soon as it is available.

Attachment 4 contains a certification that notices were sent to each person appearing of record as an owner of property that may be considered to abut the Property in accordance with C.G.S. Section 16-50(b), as well as a list of the property owners to whom such notice was sent and a sample notice letter.

III. REQUIRED INFORMATION: PROPOSED WIRELESS FACILITY

The purpose of this section is to provide an overview and general description of the wireless facility proposed to be installed at the Property.

A. General Information

Prior to the 1980's, mobile telephone service was characterized by insufficient frequency availability, inefficient use of available frequencies and poor quality of service. These limitations generally resulted in problems of congestion, blocking of transmissions, interference, lack of coverage and relatively high cost. Consequently, the FCC, in its Report and Order released May 4, 1981 in FCC Docket No. 79-318, recognized the public need for technical improvement, wide-area coverage, high quality service and a degree of competition in mobile telephone service.

More recently, the federal Telecommunications Act of 1996 (the “Act”) emphasized and expanded on these aspects of the FCC’s 1981 decision. Among other things, the Act recognized an important nationwide public need for high-quality wireless telecommunication services of all varieties. The Act also expressly promotes competition and seeks to reduce regulation in all aspects of the telecommunications industry in order to foster lower prices for consumers and to encourage the rapid deployment of new telecommunications technologies.

Cellco’s proposed Goshen Facility would be part of the expanding wireless telecommunications network envisioned by the Act and has been developed to help meet these nationwide goals. In particular, Cellco’s system has been designed, and the cell sites proposed in this Application have been selected, so as to maximize the geographical coverage and quality of service while minimizing the total number of cell sites required.

Because the FCC and the United States Congress have determined that there is a pressing public need for high-quality wireless telecommunications service nationwide, the federal government has preempted the determination of public need by states and municipalities, including the Council, with respect to public need for the service to be provided by the proposed facility. In addition, the FCC has promulgated regulations containing technical standards for wireless systems, including design standards, in order to ensure the technical integrity of each system and nationwide compatibility among all systems. State and local regulation of these matters is likewise preempted. The FCC has also exercised its jurisdiction over and preempted state and local regulation with respect to radio frequency interference issues by establishing regulations in this area as well.

Pursuant to FCC authorizations, Cellco has constructed and currently operates a wireless system throughout Connecticut. This system, together with Cellco’s system throughout its east coast and nationwide markets, has been designed and constructed to operate as one integrated,

contiguous system, consistent with Cellco's business policy of developing compatibility and continuity of service on a regional and national basis.

Included as Attachment 5 is a copy of the FCC's authorization issued to Cellco for its wireless service in Connecticut. The FCC's rules permit a licensee to modify its system, including the addition of new cell sites, without prior approval by the FCC, as long as the licensee's authorized service area is not enlarged. The facility proposed in this Application would not enlarge Cellco's authorized service area.

B. Public Need and System Design

1. Public Need

As noted above, the Act has pre-empted any state or local determination of public need for wireless services. In Litchfield County, Cellco holds an FCC License to provide Personal Communication Service ("PCS"). Pursuant to its FCC Licenses, Cellco has developed and continues to develop a network of cell sites to serve the demand for wireless service in the area. Cellco's network currently provides, what can be described as, very sparse service in Goshen. In particular, Cellco experiences significant coverage gap along the major roads in Goshen, including Routes 63 and 4. As depicted on the coverage maps included in Attachment 6, Cellco cannot provide service to customers along significant portions of Routes 63 and 4 between its existing Goshen South and Torrington West cell sites.

2. System Design and Equipment

a. System Design

Cellco's wireless system in general and the proposed Goshen Facility, in particular, have been designed and developed to allow Cellco to achieve and to maintain high quality, reliable

wireless service without interruption from dropped calls and interference within the targeted coverage area.

The system design provides for frequency reuse and hand-off, is capable of orderly expansion and is compatible with other wireless systems. The resulting quality of service compares favorably with the quality of service provided by conventional wireline telephone service. The wireless system is designed to assure a true cellular configuration of base transmitters and receivers in order to cover the proposed service area effectively while providing the highest quality of service possible. Cell site transmissions are carefully tailored to the FCC's technical standards with respect to coverage and interference and to minimize the amount of power that is radiated. System modulation is narrowband frequency modulation for all voice channels at 30 kilohertz ("Khz").

Mobile telephone switching offices ("MTSOs") in Windsor and Wallingford are interconnected and operate Cellco's wireless systems in Connecticut as a single network, offering the subscriber uninterrupted use of the system while traveling throughout the State. This network is further interconnected with the local exchange company ("LEC") and inter-lata (long distance) carriers network.

Cellco has designed its wireless system in conformity with applicable standards and constraints for wireless systems. Cellco's system is also designed to minimize the need for additional cell sites in the absence of additional demand or unforeseen circumstances.

b. Cellular System Equipment

The key elements of the cellular system are the two MTSOs located in Windsor and Wallingford and the various connector cell sites around the state.

The major electronic components of each cell site are radio frequency transmission and receiving equipment and cell site controller equipment. Cellco's cellular system uses Lucent

Flexent® Modular Cell 4.0 cell site equipment to provide complete cell site control and performance monitoring. This equipment is capable of expanding in modules to meet system growth needs. The cell site equipment primarily provides for: message control on the calling channel; call setup and supervision; radio frequency equipment control; internal diagnostics; response to remote and local test commands; data from the mobile or portable unit in both directions and on all channels; scan receiver control; transmission of power control commands; rescanning of all timing; and commands and voice channel assignment. Additional information with respect to the Lucent Flexent® Modular Cell 4.0 equipment is contained in Attachment 7.

3. Technological Alternatives

Cellco submits that there are no equally effective technological alternatives to the proposal contained herein. In fact, Cellco's wireless system represents state-of-the-art technology offering high-quality service. Cellco is aware of no viable and currently available alternatives to its system design for carriers licensed by the FCC.

C. Site Selection and Tower Sharing

1. Cell Site Selection

Cellco's goal in selecting cell sites such as the one proposed here is to locate its facility in such a manner as to allow it to build and to operate a high-quality wireless system with the least environmental impact. Cellco has determined that the proposed Goshen Facility will satisfy this goal and is necessary to resolve existing significant coverage problems and to provide high-quality reliable service along Routes 63 and 4 and local roads in Goshen.

The methodology of cell site selection for Cellco's wireless system generally limits the search for possible locations to a specific area on the overall grid for the area. A list of existing towers or other non-tower structures considered is included in Attachment 8. Cellco currently

shares the existing towers in the immediate area, including those sites identified on the coverage maps as the Goshen South and Torrington West cell sites. (See Attachment 6). Neither of these existing towers can resolve the coverage problems along Routes 63 or 4 in Goshen. Cellco also regularly investigates the use of existing, non-tower structures in an area as an alternative to building a new tower. The site search summary details the reason why each site, other than the Goshen Facility, was not selected. The site search summary together with the site information contained in Attachment 1 support Cellco's position that the site selected represents the most feasible alternative of the sites investigated.

2. Tower Sharing

Cellco will design the Goshen Facility tower so that it could be shared by other carriers. The proposed facility compound was designed to accommodate equipment of other carriers. This type of tower sharing arrangement would reduce, if not eliminate, the need for these other carriers to develop a separate tower in this same area in the future. The Town of Goshen has asked Cellco to reserve space on the tower for its municipal service and emergency service antennas. Cellco has agreed to do so at no cost to the Town. Cellco has also agreed to make ground space in the facility compound available to the Town.

D. Cell Site Information

1. Site Facilities

At the Goshen Facility, Cellco would construct a new 150-foot tall tower, disguised as a pine tree and install twelve (12) panel-type directional antennas at the top of the tower. The top of Cellco's antennas would extend to a height of approximately 153 feet AGL. Simulated branches would extend seven feet above the top of the tower to an overall height of 157 feet AGL. Cellco would install a 12' x 30' single-story equipment shelter near the base of the tower to house Cellco's

receiving, transmitting, switching, processing and performance monitoring equipment and the required heating and cooling equipment. A diesel-fueled back-up generator would be installed within a segregated room in Cellco's equipment shelter for use during power outages and periodically for maintenance purposes. The tower and equipment shelter would be surrounded by an 8-foot high security fence and gate, which would be screened by landscaping. (See Attachment 1).

The equipment shelter would be equipped with silent intrusion and systems alarms. Cellco personnel will be available on a 24-hour basis to receive and to respond to incoming alarms. The equipment building will remain unstaffed, except as required for periodic maintenance purposes.

2. Overall Costs and Benefits

Aside from the limited visual impacts discussed further below, Cellco believes that there are no significant costs attendant to the construction, maintenance, and operation of the proposed cell site. In fact, the public will benefit substantially from its increased ability to receive high-quality, reliable wireless service in the Goshen area.¹ The Goshen Facility would be a part of a communications system that addresses the public need identified by the FCC and the United States Congress for high-quality, competitive mobile and portable wireless service. Moreover, the proposed cell site would be part of a system designed to limit the need for additional cell sites in the future.

¹ Businesses across the State have become more dependent on wireless telecommunication services. The public safety benefits of wireless telephone service are illustrated by the improved Connecticut State Police 911 emergency calling system. The 911 emergency calling system is available statewide to all wireless telephone users. Numerous other emergency service organizations have turned to wireless telephone service for use during natural disasters and severe storms when wireline service is interrupted or unavailable. As a deterrent to crime, the general public will further benefit from the Cellular Telecommunications Industry Association's donation of more than 50,000 cellular phones to "Neighborhood Watch" groups nationwide.

The overall costs to Cellco for development of the proposed cell site are set forth in Section III.E. of the Application.

3. Environmental Compatibility

Pursuant to Section 16-50p of the General Statutes, in its review of the Application, the Council is required to find and to determine, among other things, the nature of the probable environmental impact, including a specification of every significant adverse effect of the Goshen Facility, whether alone or cumulatively with other effects, on, and conflicting with the policies of the state concerning the natural environment, ecological balance, public health and safety, scenic, historic and recreational values, forests and parks, air and water purity and fish and wildlife.

a. Primary Facility Impact is Visual

The wireless system of which the proposed Goshen Facility would be a part has been designed to meet the public need for high-quality, reliable wireless service while minimizing any potential adverse environmental impact. In part because there are few, if any other adverse impacts, the primary impact of facilities such as this is visual. This visual impact will vary from location to location around a tower, depending upon factors such as vegetation, topography, the distance of nearby properties from the tower and the location of buildings and roadways in a “sight line” toward the tower. Similarly, visual impact of a tower facility can be further reduced through the proper use of alternative tower structures; so-called “stealth installations.” Where appropriate, telecommunications towers camouflaged as trees, flagpoles, and bell towers, to name a few, can help to further reduce visual impacts associated with these structures. Cellco has identified the Goshen Facility as a location where an alternative stealth installation may be appropriate.

Attachment 9 contains a detailed Visual Resource Evaluation Report, prepared by VHB, Inc. (the “VHB Report”) that assesses the visual impact of the proposed tower and includes

photosimulations of the tree tower at this site for the Council's consideration. Overall, VHB concludes that year-round views of the tower above the tree canopy is limited to approximately 243 acres, approximately 3% of the 8,042-acre study area. Much of this visibility (140 of the 243 acres or 58%) occurs over open water on Tyler Lake and West Side Pond, or from distances over a mile from the cell site. Seasonal views of the tower is limited to an additional 93 acres of the study area.

There are only three (3) residences within 1,000 feet of the Goshen Facility, the closest of which is located approximately 735 feet to the west.

Weather permitting, Cellco will raise a balloon with a diameter of at least three (3) feet at the proposed cell site on the day of the Council's hearing on this Application, or at a time otherwise specified by the Council.

b. Environmental Reviews and Agency Comments

Section 16-50j of the General Statutes requires the Council to consult with and to solicit comments on the Application from the Commissioners of the Departments of Environmental Protection, Public Health, Public Utility Control, Economic Development, and Transportation, the Council on Environmental Quality, and the Office of Policy and Management, Energy Division. In addition to the Council's solicitation of comments, Cellco, as a part of its National Environmental Policy Act ("NEPA") Checklist, solicits comments on the proposed facility from the U.S. Department of the Interior, Fish and Wildlife Service ("USFWS"), Environmental and Geographic Information Center of the Connecticut Department of Environmental Protection ("DEP") and the Connecticut Historical Commission, State Historic Preservation Officer ("SHPO"). Comments regarding impacts on known populations of Federal or State Endangered, Threatened or Special Concern Species occurring at the proposed site are included in Attachment 10. Also included in

Attachment 10 is a letter from the SHPO confirming that a facility at the Property will have no effect on historic, architectural or archeological resources listed on or eligible for the National Register of Historic Places Connecticut's cultural heritage.

This review by state administrative agencies furnishes ample expert opinion on the potential environmental impacts from the facility proposed in the Application, in the context of the criteria which the Council must consider.

c. Non-Ionizing Radio Frequency Radiation

The FCC has adopted a standard for exposure to Radio Frequency ("RF") emissions from telecommunications facilities like the one proposed in this Application. To ensure compliance with the applicable standards, Cellco has performed maximum power density calculations for the proposed cell site according to the methodology prescribed by the FCC Office of Engineering and Technology Bulletin No. 65E, Edition 97-01 (August 1997) ("OET Bulletin 65"). The calculation is a conservative, worst-case approximation for RF power density levels at the closest accessible point to the antennas, in this case the base of the tower, and with all antennas transmitting simultaneously on all channels at full power. The calculations indicate that the maximum power density level for Cellco antennas would be 2.46% of the Standard at the Goshen Facility.

d. Other Environmental Issues

No sanitary facilities are required for the Goshen Facility. The operations at the proposed site will not cause any significant air, water, noise or other environmental impacts, or hazard to human health.

Based on agency comments received and field investigations by Cellco's project team, Cellco submits that the proposed facility will have no significant adverse effect on scenic, natural,

historic or recreational features, and that none of the potential effects from the facility alone or cumulatively with other effects is sufficient reason to deny this Application.

4. Consistency with Local Land Use Controls

The Connecticut Siting Council Application Guide for Community Antenna Television and Telecommunication Facilities, as amended on February 16, 2007, requires the inclusion of a narrative summary of the project's consistency with the Town's Plan of Development and Zoning Regulations, as well as a description of planned and existing uses of the site location and surrounding properties.

a. Planned and Existing Land Uses

The proposed Goshen Facility would be located on a vacant 233-acre parcel owned by ARCA LLC. The property is zoned RA-5 (Residential-Agricultural) The 233-acre Property is a vacant, heavily-wooded parcel surrounded by other vacant wooded parcels, agricultural uses and low-density residential land uses.

b. Plan of Conservation and Development

The August 21, 2006 Town of Goshen Plan of Conservation and Development (the "Plan"), does not specifically identify telecommunications towers as a land use consistent or inconsistent with the general planning or conservation policies of the Town of Goshen.

c. Zoning Regulations

According to the Town Zoning Map, the Goshen Facility is located in the RA-5 (Residential-Agriculture) zone. Pursuant to Section 250 of the Goshen Zoning Regulations ("Zoning Regulations") wireless communications facilities are permitted in all residential districts subject to Special Permit and Site Plan approval.

d. Inland Wetland and Water Course Regulations

According to site surveys and a wetlands delineation report prepared by Dean Gustafson of VHB, Inc., the proposed cell site location does not contain any wetland areas that would be impacted by the proposed development activity. The existing dirt roadway presently crosses through a portion of an on-site wetland area and an intermittent watercourse, approximately 150 feet east of North Street (Route 63). The access driveway improvements, associated with the Cellco proposal will require an upgrade to this existing crossing, including the replacement of the existing 12-inch culvert with two 24-inch culverts and the placement of additional fill to provide a stable road base. (See Wetlands Inspection Report behind Attachment 11).

In accordance with the Connecticut Soil Erosion Control Guidelines, as established by the Council for Soil and Water Conservation, adequate and appropriate soil erosion and sedimentation control measures will be established and maintained throughout the cell site construction period. In addition, Cellco will employ appropriate construction management practices to ensure that no pollutants would be discharged to any nearby watercourse or wetland areas or to area groundwater during the construction process.

According to the Federal Emergency Management Agency Flood Insurance Rate Map, Community Panel Number 0901770005A (November 16, 1990), the Goshen Facility is located in Zone X, defined as an area outside of the 100- and 500-year floodplains.

5. Local Input

Section 16-50(e) of the Connecticut General Statutes, as amended, requires local input on matters before the Council. On March 2, 2007, Cellco representatives met with Town of Goshen First Selectman Robert P. Valentine to discuss the proposal. First Selectman Valentine received copies of technical information summarizing Cellco's plans to establish a telecommunications

facility in Goshen. On May 1, 2007, Cellco made a formal presentation on the Goshen Facility at a joint meeting of the Goshen Board of Selectman and Planning and Zoning Commission. At this meeting the Town confirmed that it would be interested in using the tower for its emergency service and municipal communications antennas.

6. Consultations With State and Federal Officials

Attachment 10 and Section III.D. of the Application describe Cellco's consultations with state and federal officials regarding the proposed Goshen Facility.

a. Federal Communications Commission

The FCC did not review this particular proposal. As discussed above, FCC approval is not required where the authorized service area is not enlarged.

b. Federal Aviation Administration

As with all of its tower applications, Cellco has conducted the appropriate air-space analysis for the Goshen Facility to determine if the proposed tower would constitute an obstruction or hazard to air navigation. Cellco's analysis has confirmed, pursuant to FAA standards, that the site would not constitute an obstruction or hazard to air navigation and therefore no obstruction marking or lighting would be required. A copy of the Federal Airway & Airspace Summary Report is included in Attachment 12.

c. United States Fish and Wildlife Service

According to the United States Department of the Interior, Fish and Wildlife Service, no federally-listed or proposed, threatened or endangered species or critical habitat under its jurisdiction are known to occur at the Property. (See Attachment 10).

d. Connecticut Department of Environmental Protection Bureau of Air Management

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this Application will require the issuance of a permit from the DEP Bureau of Air Management. As proposed, this emergency generator will be run only during the interruption of utility service to the cell site and periodically as required for maintenance purposes. Cellco will obtain the necessary permit prior to installing the generator at the facility.

e. Connecticut State Historic Preservation Officer

As discussed above, Attachment 10 includes the SHPO's determination that the proposed Goshen Facility will have no effect on historic, architectural, or archeological resources listed on or eligible for the National Register of Historic Places.

E. Estimated Cost and Schedule

1. Overall Estimated Costs

The total estimated cost of construction of the proposed Goshen Facility is approximately Eight Hundred Fifty Thousand Dollars \$850,000.

This estimate includes:

(1)	Cell site radio equipment of approximately	\$ 450,000
(2)	Tower, coax and antenna costs of approximately	200,000
(3)	Power systems costs of approximately	20,000
(4)	Equipment building costs of approximately	50,000
(5)	Miscellaneous costs (including site preparation and installation) of approximately	130,000

2. Overall Scheduling

Site preparation and engineering would commence following Council approval of Celco's Development and Maintenance ("D & M") plan and are expected to be completed within two to four weeks. Due to the delivery schedules of the manufacturers, installation of the building and installation of the tower are expected to take an additional two weeks. Equipment installation is expected to take an additional two weeks after installation of the building and installation of the tower. Cell site integration and system testing is expected to require two weeks after equipment installation.

IV. CONCLUSION

Based on the facts contained in this Application, Celco submits that the establishment of the Goshen Facility will not have any substantial adverse environmental effects. A public need exists for high quality reliable wireless service in Litchfield County, as determined by the FCC and the United States Congress, and a competitive framework for providing such service has been established by the FCC and the Telecommunications Act of 1996. Celco submits that the public need far outweighs any possible environmental effects resulting from the construction of the Goshen Facility. Moreover, the Goshen Facility will help to provide a level of service in the area that is commensurate with the public demand currently and in the foreseeable future.

WHEREFORE, Cellco respectfully requests that the Council grant this Application for a Certificate of Environmental Compatibility and Public Need for the Goshen Facility.

Respectfully submitted,

CELLCO PARTNERSHIP D/B/A VERIZON
WIRELESS

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