

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE: :  
: :  
APPLICATION OF BAY COMMUNICATIONS, : DOCKET NO. 380  
LLC FOR A CERTIFICATE OF :  
ENVIRONMENTAL COMPATIBILITY AND :  
PUBLIC NEED FOR THE CONSTRUCTION, :  
MAINTENANCE AND OPERATION OF A :  
TELECOMMUNICATIONS FACILITY AT 170 :  
SOUTHEAST ROAD, NEW HARTFORD, :  
CONNECTICUT : MAY 8, 2009

UPDATED RESPONSES OF INTERVENOR  
CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS TO  
CONNECTICUT SITING COUNCIL PRE-HEARING INTERROGATORIES

The Connecticut Siting Council (“Council”) issued pre-hearing questions to Cellco Partnership d/b/a Verizon Wireless (“Cellco”) relating to an application by Bay Communications, LLC for a Certificate of Environmental Compatibility and Public Need for the development of a telecommunication facility at 170 Southeast Road in New Hartford, Connecticut. The Council assigned this application Docket No. 314. Cellco intervened in Docket No. 314 and intends to install antennas on the proposed tower at the 160-foot level so that it might satisfy its coverage objectives in the southeast portion of the New Hartford. In support of its request to share the proposed facility tower, Cellco filed responses to the Docket No. 314 interrogatories on May 15, 2006. By letter dated April 23, 2009, the council asked Cellco to update its May 15, 2006 responses in the context of the current Docket No. 380 proceeding. Cellco’s updated responses are provided below.

Question No. 1

Discuss Cellco's need for the proposed facility. Specifically, what level of coverage does Cellco currently have in this area, and in what ways would the proposed facility affect the existing level of service?

Response

The proposed Bay Communications tower off Southeast Road would provide Cellco customers with coverage along an approximately two and one-half mile portion of Route 202, as well as significant coverage in the immediately surrounding areas of southeastern New Hartford. Coverage from the proposed tower would fill a significant Personal Communication Service ("PCS") and cellular service coverage gap between Cellco's existing Collinsville 2 cell site off Powder Ridge Road in Canton and New Hartford cell site at 20 Antolini Road in New Hartford. As of the date of this filing, Cellco maintains FCC licenses to provide cellular (850 MHz), PCS (1900 MHz) and 700 MHz wireless services throughout Litchfield County, Connecticut. Today, Cellco provides wireless service in the cellular and PCS frequency ranges from its existing adjacent cell sites known as Collinsville 2, Collinsville, Burlington West and New Hartford. Cellco can satisfy its cellular and PCS coverage gaps with antennas installed at the 160 level on the proposed Bay Communication tower.

Question No. 2

What are the operating frequency and the minimum signal level threshold Cellco is planning to use in the New Hartford area? Please explain how the cellular and PCS systems interact, if applicable.

Response

Cellco's PCS antennas will operate in the 1970-1975 MHz frequency band. Cellco's cellular antennas will operate in the 850 MHz frequency band. Cellco's 700 MHz antennas will operate in the 746-757 MHz frequency band. Cellco's design threshold for all of its PCS, cellular and 700 MHz facilities is -75 dBm for in-building coverage and -85 dBm for in vehicle coverage.

Question No. 3

Provide Cellco's proposed antenna height, and antenna specifications, including type, make, size, model, quantity, number of channels, and maximum power output.

Response

**PCS Antennas**

**Alpha Sector – 160 ft.**

Antenna Type: BXA-185060/12CF 2° (1)

Frequency: Tx: 1945-1950, 1965-1980 MHz; Rx: 1865-1870, 1885-1900 MHz

No. Channels: 14

ERP/Channel: 602.97 W Max

**Beta Sector – 160 ft.**

Antenna Type: BXA-185060/12CF 2° (1)

Frequency: Tx: 1945-1950, 1965-1980 MHz; Rx: 1865-1870, 1885-1900 MHz

No. Channels: 14

ERP/Channel: 602.97 W Max

**Gamma Sector – 160 ft.**

Antenna Type: BXA-185060/12CF 2° (1)

Frequency: Tx: 1945-1950, 1965-1980 MHz; Rx: 1865-1870, 1885-1900 MHz

No. Channels: 14

ERP/Channel: 602.97 W Max

**Cellular Antennas**

**Alpha Sector – 160 ft.**

Antenna Type: SC-E6014 Rev2 (2)

Frequency: Tx: 869-880,890-

**Beta Sector – 160 ft.**

Antenna Type: SC-E6014 Rev2 (2)

Frequency: Tx: 869-880,890-

**Gamma Sector – 160 ft.**

Antenna Type: SC-E6014 Rev2 (2)

Frequency: Tx: 869-880,890-