



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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July 27, 2015

Keith Coppins
Phoenix Partnership LLC
110 Washington Avenue
North Haven, CT 06473

RE: **DOCKET NO. 421** - Phoenix Partnership LLC Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 158 Edison Road, Trumbull, Connecticut.

Dear Mr. Coppins:

At a public meeting of the Connecticut Siting Council (Council) held on July 23, 2015, the Council considered and approved the Development and Management (D&M) Plan submitted for this project on June 3, 2015, without any color treatment and with the antenna mounts as designed.

This approval applies only to the D&M Plan submitted on June 3, 2015 and supplemental information dated July 9, 2015. Requests for any changes to the D&M Plan shall be approved by Council staff in accordance with Regulations of Connecticut State Agencies Section (RCSA) §16-50j-77(b). Furthermore, the Certificate Holder is responsible for reporting requirements pursuant to RCSA 16-50j-77.

Please be advised that changes and deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u. Enclosed is a copy of the staff report on this D&M Plan, dated July 23, 2015.

Thank you for your attention and cooperation.

Sincerely,

Robert Stein
Chairman

RS/RDM/cm

Enclosure: Staff Report, dated July 23, 2015

c: Parties and Intervenor

The Honorable Timothy M. Herbst, First Selectman, Town of Trumbull
Douglas Wenz, Zoning Enforcement Officer, Town of Trumbull



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Docket No. 421

Phoenix Partnership

158 Edison Road, Trumbull

Development and Management Plan

Staff Report

July 23, 2015

On April 26, 2012, the Connecticut Siting Council (Council) issued a Certificate of Environmental Compatibility and Public Need (Certificate) to T-Mobile Northeast, LLC (T-Mobile) for the construction, maintenance, and operation of a wireless telecommunications facility located at 158 Edison Road in Trumbull, Connecticut. On May 29, 2014, the Council approved a transfer of the Certificate from T-Mobile to Phoenix Partnership, LLC (Phoenix) and granted a one-year extension of time until October 26, 2015 to complete construction of the facility. While the D&M Plan was under review, on July 1, 2015, Phoenix submitted a request for a one year extension of time until October 26, 2016 to complete construction of the facility, which was granted on July 7, 2015.

As required in the Council's Decision and Order (D&O), Phoenix submitted a Development and Management Plan (D&M Plan) for this project to the Council on June 3, 2015. Additional information requested by the Council was submitted on July 9, 2015. Copies of the D&M Plan and the supplemental information were provided to the Town of Trumbull and the intervenor, Citizens Against Trumbull Tower. No comments regarding the D&M Plan were received.

The tower site is located adjacent to the Trumbull Police Department building at 158 Edison Road. The Docket application originally requested a 150-foot tower for use by T-Mobile and the Town of Trumbull (Town), which intended to upgrade its existing emergency communications system throughout the town.

During the proceeding, the Council determined that T-Mobile needed a tower height of 130 feet to provide necessary wireless services. Although the Town proposed to locate new emergency communication equipment at the 150-foot level of the tower, the Council did not find an immediate need for this height as the Town's proposed emergency system upgrade was still under development and not fully funded. Thus, the Council approved a 130-foot monopole at the site with the condition that the tower and foundation be constructed to support an extension to accommodate future wireless users, if necessary.

The D&M Plan specifies the construction of a 130-foot monopole at the site, capable of supporting a 20-foot extension. The Town would locate emergency communication antennas on a circular, 12-foot diameter antenna platform at the 130-foot level of the tower. The antennas, for police, fire and emergency response services, consist of seven whip antennas and three dipole antennas ranging in height from 10 to 23 feet. An existing 100-foot light-duty lattice tower at the police department that supports obsolete Town communication equipment will be removed upon installation and operation of the Town's new emergency communications equipment.

The Council's D&O stated that panel antennas "shall be mounted in cluster-mount configuration or as otherwise determined by the Council". Initially, during the Docket proceeding, T-Mobile proposed to



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install six panel antennas in a cluster-mount configuration to reduce the visual profile of the antennas. The cluster-mount configuration is described in the Council's Findings of Fact as a mounting bar attached to an eight-inch standoff arm. The D&M, however, specifies that T-Mobile will locate at the 120-foot level of the tower by installing six panel antennas and tower mounted amplifiers on mounting bars attached to 36-inch standoff arms. The change in the standoff arm length from what was initially proposed is necessary to accommodate the larger antennas used for long term evolution wireless technology and to allow enough room for the associated tower-mounted amplifiers mounted behind the antennas.

Cellco Partnership d/b/a Verizon Wireless (Cellco) intends to locate at the 110-foot level of the tower at a future date. Preliminary details of Cellco's installation include 12 panel antennas and associated tower-mounted amplifiers on a platform. Cellco would seek Council approval to locate on the tower by filing a tower share request that contains specific details of its installation.

Phoenix will construct an approximate 2,000 square foot equipment compound at the base of the tower. T-Mobile will install three equipment cabinets on a concrete pad within the compound. Access to the compound will be from the existing parking lot. Underground utilities will originate from a utility pole on Merwin Street and extend under the police department parking lot to the compound.

The compound is located in the existing parking lot and adjacent planting strip. Construction will disturb approximately 2,200 square feet of ground area and will require the removal of one tree. A new catch basin and new curbing will be installed to replace an existing a catch basin and curbing within the construction area. Erosion and sedimentation controls will be installed in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control.

No landscaping is proposed as there is limited space to create planting areas within the police department parking lot. Privacy slats will be installed on the eight-foot fence to screen views of the compound equipment from the parking lot and Merwin Street, located west of the parking lot. Although the Docket application originally specified a sky blue finish for the tower and antennas, a color treatment for the facility was not specified in the Council's D&O. Phoenix would be willing to paint the tower and antennas sky blue if ordered to do so by the Council.

The cumulative worst-case radio frequency power density level at the base of the tower including the Town's, T-Mobile's and Cellco's antennas is 9.7 percent of the FCC's General Public/Uncontrolled Maximum Permissible Exposure limit.

All of the Development and Management Plan requirements set forth in the Council's Decision & Order for Docket 421 are in compliance; therefore, Council staff recommends approval of the D&M Plan, as submitted. Council staff recommends that approval of requested significant changes to the approved D&M Plan be delegated to Council staff in accordance with Regulations of Connecticut State Agencies §16-50j-77(b). In accordance with that section, if advance written notice is impractical, the Certificate Holder shall provide verbal notice of the changes and shall submit written specifications to the Council within 48 hours after the verbal notice. All changes pursued without advance notification and approval shall be subject to a penalty, enforceable by the Attorney General pursuant to C.G.S. §16-50u.