



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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January 31, 2020

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **DOCKET NO. 482** - Cellco Partnership d/b/a Verizon Wireless Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility on town-owned property behind Lyman Memorial High School located at 917 Exeter Road, Lebanon, Connecticut.

Dear Attorney Baldwin:

At a public meeting of the Connecticut Siting Council (Council) held on January 30, 2020, the Council considered and approved the Development and Management (D&M) Plan submitted for this project on January 3, 2020.

This approval applies only to the D&M Plan submitted on January 3, 2020, and additional information received on January 13, 2020. 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).

The Certificate Holder is responsible for compliance with the reporting requirements under RCSA 16-50j-77, including:

1. Contact information for the personnel of the contractor assigned to the project;
2. Notification of commencement of construction;
3. Quarterly construction progress reports;
4. Notification of completion of construction and commencement of operation; and
5. Final report.

Please be advised that deviations from the approved D&M Plan and non-compliance with the D&M Plan reporting requirements are enforceable under Connecticut General Statutes § 16-50u.

Enclosed is a copy of the staff report for this D&M Plan, dated January 30, 2020.

Thank you for your attention and cooperation.

Sincerely,


Melanie A. Bachman
Executive Director

MAB/RDM/lm

Enclosure: Staff Report, dated January 30, 2020

c. Andrew Candiello, Verizon Wireless



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Docket No. 482
Cellco Partnership d/b/a Verizon Wireless
917 Exeter Road, Lebanon
Development and Management Plan
Staff Report
January 30, 2020

On June 22, 2018, the Connecticut Siting Council (Council) issued a Certificate of Environmental Compatibility and Public Need to Cellco Partnership d/b/a Verizon Wireless (Cellco) for the construction, maintenance, and operation of a 150-foot wireless telecommunications facility at the Lyman Memorial High School, 917 Exeter Road in Lebanon. As required in the Council's Decision and Order (D&O), Cellco submitted a Development and Management (D&M) Plan to the Council, and the Town of Lebanon (Town) on January 3, 2020. The Council has not received any comments regarding the D&M Plan to date.

On January 6, 2020, the Council issued interrogatories to Cellco. On January 9, 2020, Cellco submitted responses to the Council's interrogatories.

The site is located in a wooded area to the rear of the Lyman Memorial High School. The parcel is approximately 38 acres in size and contains the school, associated athletic fields, agricultural education department outbuildings and paddocks, and wooded areas.

Consistent with the Council's D&O, Cellco will construct a 150-foot monopole, designed in accordance with the EIA/TIA standard "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures- Revision G". The tower can support four levels of antennas and the potential for a 20-foot extension to accommodate future tower sharing. Cellco will install 6 panel antennas, 6 remote radio heads and associated equipment on an antenna platform at a centerline height of 140 feet above ground level (agl). The Town will relocate two existing whip antennas from an existing light-duty lattice tower on the school property to the top of the new tower, with the top of the tallest whip antenna extending to 171.7 feet agl.

Cellco will construct a 50-foot by 50-foot equipment compound at the site within a 100-foot by 100-foot lease area. The compound will be enclosed by an 8-foot high anti-climb chain link fence. Cellco will install an equipment cabinet, covered with a metal canopy, on a 9-foot by 9-foot concrete pad within the compound. The Town will install equipment cabinets on an 8-foot by 8-foot concrete pad within the compound.

Cellco will construct a 12-foot wide, 325-foot long gravel access road to the compound that extends from an existing paved driveway at the rear of the school. A new security gate will be installed at the gravel driveway entrance.

An underground telecommunication line will extend for approximately 1,720 feet to the compound, traversing through a lawn area along the east side of the school property from an existing utility pole on Exeter Road. Electric service to the compound will be installed underground along the edge of the new access road, extending for a distance of 495 feet from existing service at the rear of the school. Utility metering equipment will be mounted on a steel frame backboard adjacent to the compound fence. Bollards will be installed to protect the meter equipment from accidental vehicle impact.

A 50-kW propane generator will provide emergency power to both Cellco's and the Town's equipment. A 1,000 gallon propane tank will be installed within the compound, protected by bollards. The generator can run for approximately 97 hours before refueling is required. Cellco will also install a battery unit for a secondary emergency power supply.

The compound site is in a wooded area and the access road traverses a field used by the high school agricultural department. Approximately 12 trees with a diameter of six inches at breast height will be removed to develop the site. No landscaping is proposed.

Due to the presence of two wetlands and a vernal pool within close proximity to the site, Cellco included a wetland and vernal pool protection program within the D&M Plan. The program includes provisions for appropriate erosion controls and work area isolation measures, petroleum materials and spill prevention, periodic site inspections, herpetofauna sweeps, contractor education, work zone signage, and environmental reporting.

In accordance with a recommendation from the Department of Energy and Environmental Protection and Condition 2(c) of the Council's D&O, Cellco will implement an eastern box turtle protection program to prevent potential construction related impacts to this State-listed Species of Special Concern. Turtle protection measures include, but are not limited to, use of siltation barriers to isolate work areas from non-work areas, a sweep of the construction area after isolation barriers are in place, contractor education, and use of natural fiber erosion netting, where necessary, to allow for the natural degradation of netting materials after the project is fully constructed.

Construction activities will comply with the *2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control*. Provisions have been made for soil stockpiles and for dewatering, if necessary. Typical construction hours will be 8 AM to 6 PM, Monday through Saturday. Work hour adjustments may be necessary following a pre-construction meeting with Town and school officials.

Consistent with the Council's Decision and Order, the cumulative worst-case radio frequency power density level at the base of the tower from the operation of the Town's and Cellco's antennas is 1.04 percent of the FCC's General Public/Uncontrolled Maximum Permissible Exposure limit.

The D&M Plan is consistent with the Council's D&O for Docket No. 482.