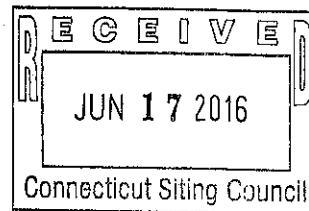




Crown Castle  
3 Corporate Park Drive, Suite 101  
Clifton Park, NY 12065

June 16, 2016

fs-eye-077-160606



Melanie A. Bachman  
Acting Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

ORIGINAL

**RE: Request of Eye Tower for an Order to Approve the Shared Use of an Existing Tower at 266R Center Street, Manchester, CT**

Dear Ms. Bachman:

Pursuant to Connecticut General Statutes ("C.G.S.") §16-50aa, as amended, Eye Tower hereby requests an order from the Connecticut Siting Council ("Council") to approve the shared use by eye Tower LLC ("eye Tower") of an existing telecommunication tower at 266R Center Street in Manchester, Connecticut (the "Property"). The existing 115-foot tower and underlying property is owned by Crown Castle International Corp. ("Crown Castle"). Eye Tower requests that the Council find that the proposed shared use of the Crown Castle tower satisfies the criteria of C.G.S. §16-50aa and issue an order approving the proposed shared use. A copy of this filing is being sent to Windsor's General Manager Scott Shanley.

**Background**

The existing Crown Castle facility consists of a 115-foot monopole tower on a .10-acre parcel along the north east side of Center Street. Verizon maintains antennas at the 115-foot level. Equipment associated with Verizon antennas is located southeast of the tower. Clearwire maintains antennas at the 108-foot level and intends to install ground equipment west of the tower.

Eye Tower is licensed by the Federal Communications Commission ("FCC") to provide wireless services throughout the State of Connecticut. Eye Tower and Crown Castle have agreed to the proposed shared use of the Pine Street tower pursuant to mutually acceptable terms and conditions. Likewise, Eye Tower and Crown Castle have agreed to the proposed installation of equipment cabinets on the ground on the southeast side of the tower. Crown Castle has authorized Eye Tower to apply for all necessary permits and approvals that may be required to share the existing tower. (See Owner's authorization letter).

Eye Tower proposes to install five (5) antennas, two (2) antenna will be installed a height of 91 feet above ground level, two (2) installed at a height of 89 feet above ground, and one (1) at 84 feet above ground. Eye Tower will also install five (5) lines of coax and a 9'x 9' pad with a 6'x 6' building for equipment. Included in the Construction Drawings are EyeTower's project specifications for locations of all proposed site improvements. The Construction Drawings also contain specifications for EyeTower's proposed antennas and backup generator.

C.G.S. § 16-50aa(c)(1) provides that, upon written request for approval of a proposed shared use, “if the Council finds that the proposed shared use of the facility is technically, legally, environmentally and economically feasible and meets public safety concerns, the council shall issue an order approving such a shared use.” Eye Tower respectfully submits that the shared use of the tower satisfies these criteria.

**A. Technical Feasibility.** The existing Crown Castle tower is structurally capable of supporting EyeTower’s proposed improvements. The proposed shared use of this tower is, therefore, technically feasible. A Feasibility Structural Analysis Report (“Structural Report”) prepared for this project confirms that this tower can support EyeTower’s proposed loading. A copy of the Structural Report has been included in this application.

**B. Legal Feasibility.** Under C.G.S. § 16-50aa, the Council has been authorized to issue order approving the shared use of an existing tower such as the Crown Castle tower. This authority complements the Council’s prior-existing authority under C.G.S. § 16-50p to issue orders approving the construction of new towers that are subject to the Council’s jurisdiction. In addition, § 16-50x(a) directs the Council to “give such consideration to the other state laws and municipal regulations as it shall deem appropriate” in ruling on requests for the shared use of existing tower facilities. Under the statutory authority vested in the Council, an order by the Council approving the requested shared use would permit the Applicant to obtain a building permit for the proposed installations.

**C. Environmental Feasibility.** The proposed shared use of the Crown Castle tower would have a minimal environmental effect for the following reasons:

1. The proposed installation of five (5) antennas and five (5) lines of DC coax with antennas distributed at the 91-foot level (2), 89-foot level (2), and 84-foot level (1) on the existing 115-foot tower would have no visual impact on the area of the tower. EyeTower’s cabinet and generator would be installed within an expanded facility compound in an area previously deployed. EyeTower’s shared use of this tower therefore, not cause any significant change or alteration in the physical or environmental characteristics of the existing site.
2. Operation of EyeTower’s antennas at this site would not exceed the RF emissions standard adopted by the Federal Communications Commission (“FCC”). Included in the EME report of this filing are the approximation tables that demonstrate that EyeTower’s proposed facility will operate well within the FCC RF emissions safety standards.
3. Under ordinary operating conditions, the proposed installation would not require the use of any water or sanitary facilities and would not generate air emissions or discharges to water bodies or sanitary facilities. After construction is complete the

proposed installations would not generate any increased traffic to the Crown Castle facility other than periodic maintenance. The proposed shared use of the Crown Castle tower, would, therefore, have a minimal environmental effect, and is environmentally feasible.

- D. Economic Feasibility.** As previously mentioned, EyeTower has entered into an agreement with Crown Castle for the shared use of the existing facility subject to mutually agreeable terms. The proposed tower sharing is, therefore, economically feasible. (Please see included authorization.)
- E. Public Safety Concerns.** As discussed above, the tower is structurally capable of supporting EyeTower's full array of five (5) antennas, five (5) lines of coax and all related equipment. EyeTower is not aware of any public safety concerns relative to the proposed sharing of the existing Crown Castle tower.

### **Conclusion**

For the reasons discussed above, the proposed shared use of the existing Crown Castle tower at 266R Center Street satisfies the criteria state in C.G.S. §16-50aa and advances the General Assembly's and the Council's goal of preventing the unnecessary proliferation of towers in Connecticut. The Applicant, therefore, respectfully requests that the Council issue an order approving the proposed shared use.

Sincerely,

Jeffrey Barbadora  
Real Estate Specialist  
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[Jeff.Barbadora@crowncastle.com](mailto:Jeff.Barbadora@crowncastle.com)

Copies to: Scott Shanley, General Manager, Town of Manchester