

Homeland Towers  
and  
Cellco Partnership d/b/a Verizon Wireless

Brookfield South Facility  
100 Pocono Road  
Brookfield, Connecticut

Site Search Summary

Section 16-50j-74(j) of the Regulations of Connecticut State Agencies requires the submission of a statement that describes “the narrowing process by which other possible sites were considered and eliminated.” In accordance with this requirement, descriptions of the general site search process, the identification of the applicable search area and the alternative locations considered for development of the proposed telecommunications facility in Brookfield are provided below.

Site Search Process

To initiate its site selection process in an area where wireless service problems have been identified a carrier first establishes a site search area. In any search area a carrier would seek to avoid the unnecessary proliferation of towers and to reduce the potential adverse environmental effects of a new tower site while at the same time maximizing the quality of service provided from a particular facility. These objectives are achieved by initially locating existing towers and other sufficiently tall structures within and near a site search area. If any are found they are evaluated to determine whether they are capable of supporting telecommunications antennas and related equipment at a location and elevation that satisfies the wireless carriers technical requirements.

The list of available locations maybe further reduced if after preliminary negotiations a property owner withdraws a site from further consideration. From among the remaining locations, the proposed sites are selected by eliminating those that have a greater potential for adverse environmental effects and fewer benefits to the public. In any given site search area the weight afforded to factors considered in the site selection process will vary depending upon availability nature of sites within the search area.

Need for the Brookfield South Facility

Within approximately four (4) miles of the proposed Brookfield South Facility, Cellco maintains five (5) macro-cell telecommunications facilities. The macro-cell facilities are identified as Cellco’s Brookfield, Brookfield West, Bethel North, Hawleyville and Newtown North cell sites.

Cellco’s Brookfield facility consists of antennas on a tower at 37 Carmen Hill Road in Brookfield. Cellco’s Brookfield West facility consists of flush-mounted antennas on a tower at 52

Stadley Rough Road in Danbury. Cellco's Bethel North facility consists of antennas on a Eversource (CL&P) transmission line structure at 8 Sky Edge Lane in Bethel. Cellco's Hawleyville facility consists of antennas on a tower at 6 Fairfield Drive in Newtown. Cellco's Newtown North facility consists of antennas on a tower at 24 Dinglebrook Lane in Newtown.

The proposed Brookfield South Facility will provide service to existing coverage gaps along Routes 7, 202, 25 and 133 and the surrounding areas in portions of Brookfield and Danbury and capacity relief to Cellco's existing Brookfield and Bethel North facilities, which are currently operating at or near their current capacity limits.

#### Properties Investigated by Homeland Towers and Cellco

Homeland Towers and Cellco identified and investigated a total of four (4) sites in and around the Brookfield South search area. Descriptions of the sites investigated are provided below. Also, attached is a map depicting the approximate location of the alternative sites investigated.

**A. Town of Brookfield, 100 Pocono Road, Brookfield, CT**

Homeland Towers approached the Town of Brookfield's previous First Selectman, William Davidson, back in November of 2011, regarding its search for a suitable tower site in the area of Pocono Road and Route 7. The Town asked Homeland to consider the Town-owned parcel at 100 Pocono Road as an option since the Town was already interested in the possibility of siting a new tower on its property as a part of its public safety communications network. Homeland entered into a lease with the Town of Brookfield for a new tower site in March of 2014.

**B. Eversource, 100 Pocono Road, Brookfield, CT**

Homeland investigated the potential use of an existing Eversource transmission line tower in the northerly portion of the 43.28-acre Town-owned parcel at 100 Pocono Road. These towers carry an Eversource 345 kV transmission line through Brookfield. This structure was rejected by Eversource due to its outage category rating of a 4. This rating makes it difficult to obtain an outage to permit the installation of antennas and related equipment on this structure.

**C. Existing Flagpole Tower, 2 Huckleberry Hill Road (YMCA), Brookfield, CT**

Cellco investigated the use of an existing flagpole tower at 2 Huckleberry Hill Road. This site was rejected because it did not meet Cellco's RF objectives nor was the tower capable of supporting Cellco's antennas. In addition, the owner was not interested in rebuilding the tower.

**D. 60 Old New Milford Road, Brookfield, CT (Rooftop)**

This existing rooftop was investigated and rejected because the height of the building did not meet Cellco's RF wireless service objective.



**Aerial Map of Homeland Towers and Cellco's search and proposed site**



**Topographical Map of Homeland Towers and Cellco's search and proposed site**

