

Cellco Partnership d/b/a Verizon Wireless  
46 Cemetery Road  
Canterbury, Connecticut

Canterbury South Facility

### 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 Canterbury South telecommunications facility are provided below.

#### Site Search Process

To initiate its site selection process in an area where wireless service problems have been identified, Cellco first establishes a “site search ring” or “site search area”. In any search ring or search area, Cellco seeks to avoid the unnecessary proliferation of towers and to reduce the potential adverse environmental effects of the cell site, while at the same time maximizing the quality and reliability of service provided. 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 Cellco’s telecommunications antennas and related equipment at a location and elevation that satisfies its technical requirements.

The list of available locations may be further reduced if, after preliminary negotiations, the property owners withdraw a site from further consideration. From among the remaining locations, the proposed sites are selected by eliminating those that have greater potential for adverse environmental effects and fewer benefits to the public (i.e., those requiring taller towers; those with substantial adverse environmental impacts, or located in densely populated areas; and those with limited ability to share space with other public or private telecommunications service providers). It should be noted that in any given site search, the weight afforded to factors considered in the selection process will vary depending upon the availability and nature of sites within the search area.

#### Need for the Canterbury South Facility

Cellco currently maintains seven (7) wireless telecommunications facilities within approximately eight (8) miles of the proposed Canterbury South Facility. These facilities are identified as Cellco’s Baltic, Lisbon, Jewett City, Plainfield South, Canterbury, Hampton and Scotland cell sites. Cellco’s Baltic facility consists of antennas on a tower at 62 Main Street in Baltic. Cellco’s Lisbon facility consists of antennas on an existing tower at 26 Mell Street in Lisbon. Cellco’s Jewett City facility consists of antennas on an existing tower at 257 Norman Road in Griswold. Cellco’s Plainfield South facility consists of antennas on an existing tower at

1197 Norwich Road in Plainfield. Cellco's Canterbury facility consists of antennas on an existing tower at 53 Westminster Road in Canterbury. Cellco's Hampton facility consists of antennas on an existing tower at 185 Fiske Road in Hampton. Cellco's Scotland facility consists of antennas on an existing tower at 165 Huntington Road in Scotland.

These existing facilities currently provide wireless service in the area around the proposed Canterbury South Facility location. In addition, Cellco's existing Baltic facility (Alpha sector antennas) is also currently operating at or near its network capacity limits, resulting in a significant reduction in reliable wireless service in the area. Cellco is experiencing significant gaps in wireless service throughout southern portions of Canterbury and the adjacent Towns. There are no other existing towers or other sufficiently tall structures available in the Canterbury South search area that would satisfy Cellco wireless service objectives. Construction of a new tower, therefore, is required to resolve Cellco's existing wireless service problems.

#### Identification of the Canterbury South Search Area

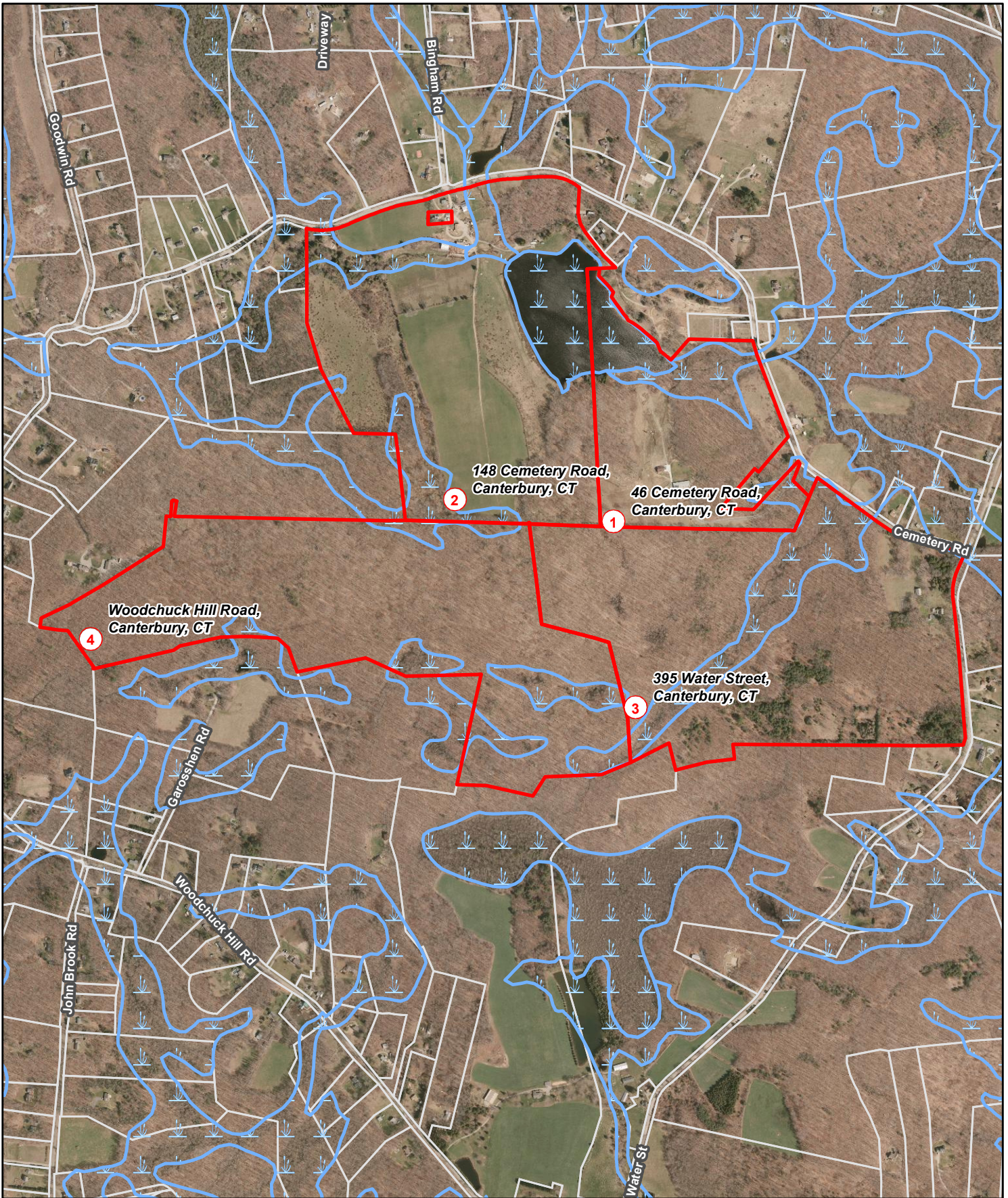
The purpose of the proposed Canterbury South Facility is to provide service to existing coverage gaps in southern Canterbury and along portions of Routes 14, 97 and 169, and in the surrounding residential areas and capacity relief to Cellco's existing Baltic cell site. (See attached Search Area Maps).

#### Sites Investigated

Cellco investigated a total of four (4) sites in or near its Canterbury South search area. A listing of the sites investigated is provided below.

1. **46 Cemetery Road, Canterbury, CT** – Proposed Canterbury South Facility. Cellco entered into a Land Lease Agreement with the owner of this parcel. The proposed cell site is easily accessed from Cemetery Road and would require no tree removal and minimal environmental disturbance.
2. **148 Cemetery Road, Canterbury, CT** – Use of this parcel would have required the construction of a lengthy access road, significant tree removal and a wetland crossing to reach the proposed tower site.
3. **395 Water Street, Canterbury, CT** – Use of this parcel would have required the construction of a lengthy access road, significant tree removal and a significant wetland crossing to reach the proposed tower site.
4. **Woodchuck Hill Road, Canterbury, CT** – Use of this parcel would have required the construction of a lengthy access road, significant tree removal and wetland crossings to reach the proposed tower site. This parcel also does not have direct access to Woodchuck Hill Road and would require separate agreements with adjoining owners to access the parcel.

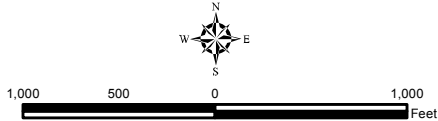




**Legend**

- Site Investigated (Labeled by Location)
- Approximate Parcel Boundary (CTDEEP GIS Parcels Last Updated 2010)
- Wetlands (CTDEEP)

Map Notes:  
 Base Map Source: 2016 Aerial Photograph (CT ECO)  
 Map Scale: 1 inch = 1,000 feet  
 Map Date: August 2017

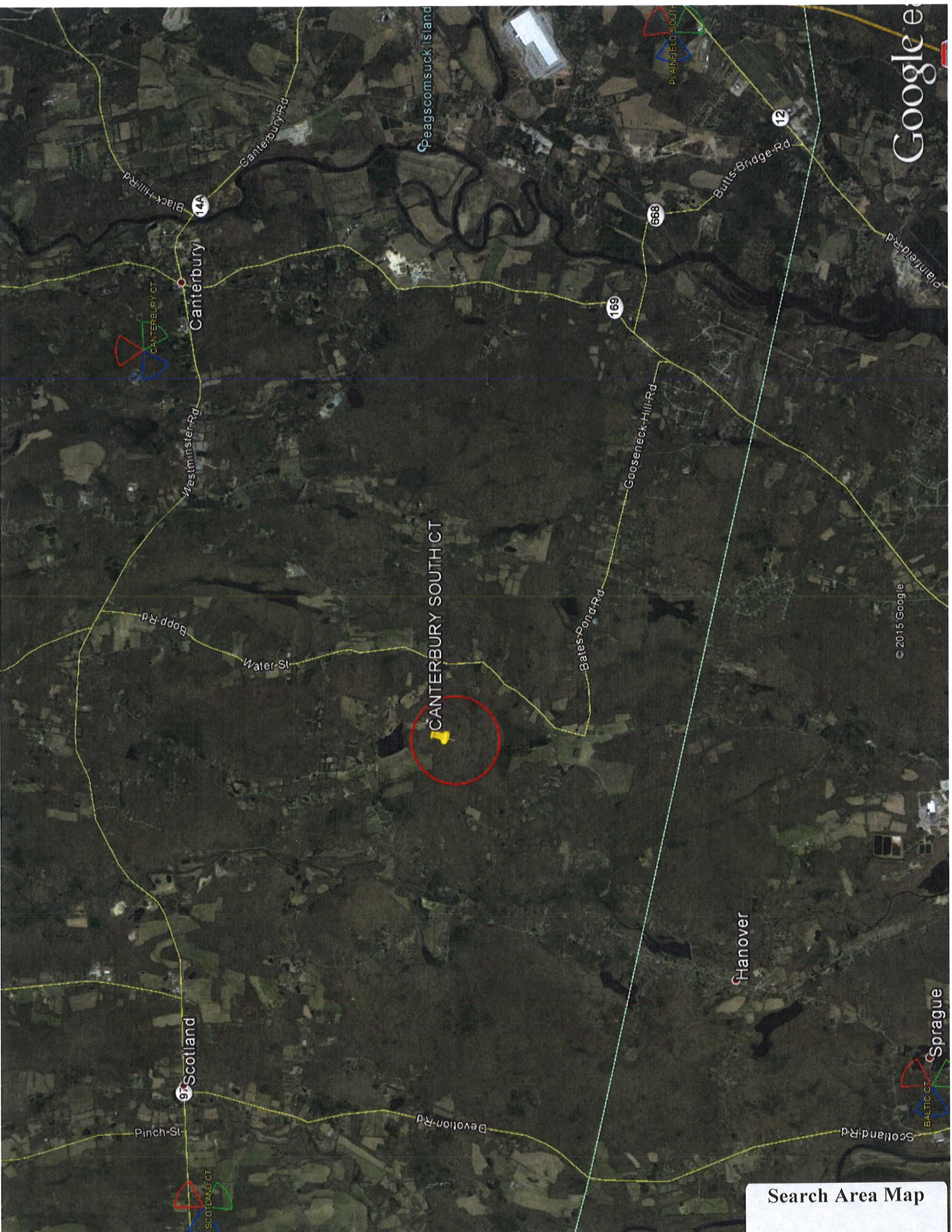


**Site Search Summary Map**

Proposed Wireless  
 Telecommunications Facility  
 Canterbury South CT  
 46 Cemetery Road  
 Canterbury, Connecticut







Search Area Map