Petition No. 1123
Cellco Partnership d/b/a Verizon Wireless
South Windsor, Connecticut
Staff Report
January 8, 2015

On December 1, 2014, Cellco Partnership d/b/a Verizon Wireless (Cellco) submitted a petition (Petition) to the Connecticut Siting Council (Council) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction maintenance, and operation of a "small cell" telecommunications facility at 489 Sullivan Avenue (Route 194) in South Windsor, Connecticut. A field review of the proposed project was conducted on December 18, 2014. Council member Dan Lynch, Robert Mercier of the Council staff, and Attorney Kenneth Baldwin (representing Cellco) attended the field review.

Cellco currently serves the central South Windsor area with three existing tower facilities; however, due to the growth of data usage in the industrially developed Sullivan Avenue area, these existing facilities do not have the capacity to meet service demands. Cellco proposes to install a small cell that would provide 2100 MHz service to the area to improve data capacity.

The proposed "small cell" facility consists of a single canister antenna and a remote radio head mounted on a 5.5-foot tall mast attached to the roof of a building. The building, owned by REX Lumber, is 36 feet in height. Ground equipment serving the antenna would be installed within a room in the building. Emergency power would not be installed for the facility as it only serves to provide capacity relief rather than coverage.

The mast and canister antenna would be installed on the front of the building, facing Sullivan Avenue. The installation would have no adverse visual impact as it resembles other appurtenances on the roof, such as vapor stacks and vents (photo-simulation below).

The maximum worst-case power density would be 51.3 percent of the applicable limit.

Notice was provided to the property owner, abutting property owners, and the Town of South Windsor. No comments were received.