

DOCKET NO. 414 – Cellco Partnership d/b/a Verizon Wireless	}	Connecticut
Certificate of Environmental Compatibility and Public Need for the	}	Siting
construction, maintenance and operation of a telecommunications	}	Council
facility located at 36 Ritch Avenue, Greenwich, Connecticut.	}	

October 20, 2011

**Development and Management Plan
Staff Report**

On July 14, 2011, 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 77-foot monopole wireless telecommunications facility designed as an 84-foot pine tree on Ritch Avenue in Greenwich, Connecticut. On October 7, 2011, Cellco submitted a Development and Management (D&M) Plan for the approved facility. Additional information was submitted on October 17, 2011.

The site is located on a 0.26-acre parcel at 36 Ritch Avenue in the Byram section of Greenwich. The parcel contains an existing 70-foot monopole operated by New Cingular Wireless PCS LLC (AT&T) that will be replaced by the Cellco facility. Cellco will construct the new facility in a four-phased approach that will not interrupt AT&T's existing service.

Phase One consists of pre-construction activities including the identification of property boundaries and construction limits, meeting with abutting landowners, site clearing, and the establishment of erosion and sedimentation controls.

Phase Two consists of the re-construction of the existing access drive so that it is contained within the property boundaries of the site and the removal of the existing AT&T facility. The existing retaining wall that abuts 42 Ritch Avenue will be reinforced and extended as part of the driveway reconstruction. A safety railing with spindles would be placed on top of the retaining wall. Cellco will reconstruct the retaining wall within the property limits unless written authorization is obtained from the abutting property owners. Drainage features along the access drive will consist of four catch basins that will discharge into the Town's sewer system under Ritch Avenue. A stormwater interceptor system will also be installed to capture contaminants prior to discharge. The Town has approved the drainage interconnection design. A cell-on-wheels installed to provide service for AT&T prior to removal of the existing tower.

Phase Three consists of the installation of the tree tower, equipment building and compound. The tree tower is manufactured by Engineered Endeavors Inc., the same company that designed the Council approved tree tower on Town Farm Road in Farmington. It will be designed to support a 20-foot extension. Cellco will install 15 antennas on t-arms at the 57-foot level; AT&T will install 12 antennas on t-arms at the 67-foot level, and T-Mobile will install up to 12 antennas at the 77-foot level. The Town intends to locate emergency communication equipment at the top of the tower although specific equipment need are not yet known.

The equipment shelter will consist of a single compartmentalized building designed to appear as a wood-frame structure. An eight-foot high vinyl fence will be installed adjacent to the east, west and south sides of the building, creating a secure, enclosed courtyard around the tower base and building access points. A rain garden, designed to capture and slow run-off, will be installed east of the compound fence, along the top of a ledge. Once the tower and ground equipment is operational, the cell-on-wheels will be removed.

Phase Four consists of final grading of the access drive and parking area. The driveway, with curbing, will be paved and the sidewalk along Ritch Avenue restored to Town specifications. A chain gate supported by two stone pilasters would be installed near the driveway entrance to prevent unauthorized vehicle access to the site.

