

Petition No. 1129
T-Mobile Northeast LLC
Cromwell, Connecticut
Staff Report
January 13, 2015

On December 19, 2014, T-Mobile Northeast LLC (T-Mobile) 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 modification of a telecommunications facility located on a former billboard structure in Cromwell, Connecticut. In 2006, the Council, as part of Petition 750, approved a 111-foot pole with an antenna platform to be mounted to the structure to support co-location by T-Mobile. In this petition, T-Mobile seeks to increase the height of the facility by one foot.

This existing facility and proposed modification qualifies as an “eligible facility request” pursuant to Section 6409 of the Spectrum Act and Federal Communication Commission October 21, 2014 rule-making in the matter of Acceleration of Broadband Deployment by Improving Wireless Facilities Siting Policies.

The existing facility consists of an 82-foot high billboard structure (erroneously listed as 86 feet high in previous reports) that supports multiple antennas as well the previously approved 111-foot pole that extends through the center of the structure. The structure is adjacent to the Interstate 91 northbound Interchange 21 on-ramp. An equipment compound is located adjacent to the base of the structure.

T-Mobile proposes to replace six antennas with six new LTE antennas at a centerline height of 108 feet. The new antennas would extend to a height of 112 feet above grade, one foot higher than the previous antenna installation. Additional work includes the removal of tower mounted amplifiers, new remote radio heads, a new gps unit and cable improvements.

The maximum worst-case power density for the facility with the proposed equipment would be 59.2 percent of the applicable limit. A Professional Engineer duly licensed in the State of Connecticut has certified that the tower is structurally capable of supporting the proposed loading.

Notice was provided to the property owner, abutting property owners, and the Town of Cromwell. No comments were received in the Council’s office.



Photograph of site from google earth