

STATEMENT OF KEVIN PLUMB

CT SITING COUNCIL NOT ENFORCING USE OF EIA/TIA 222 G- FOUNDATIONS

CONNECTICUT SITING COUNCIL APPLICATION 421

TRUMBULL, CONNECTICUT

I am a resident of Trumbull, Connecticut. I reside at 10 Marina Avenue. I am a Professional Broadcast Engineer (CPBE) specializing in RF and transmission systems, with over 25 years of continuous service. In addition to my normal duties I am the engineer for several tower sites across the United States, responsible for the construction, maintenance, safety, FCC compliance, and day to day operations. I hold numerous industry certifications including the CPBE (certified professional broadcast engineer (#50916) issued by the Society of Broadcast Engineers issued July 1st 2009. I have been asked by CATT to submit comments regarding the Connecticut Siting Council Docket 421, applicant T-Mobile

BACKGROUND

T Mobile seeks to install a communications facility alongside the Trumbull Police Headquarters building on Edison Road located, within a high density residential neighborhood. The proposed supporting structure for this communication system will be a standard monopole. In order to accommodate existing public safety land / mobile 2 way radio systems the proposed monopole support structure will also include a platform at the top of the structure.

Foundations

CSC requires that the proposed Edison Road tower comply with the 1996 Standard EIA/TIA 222-F which by default only refers to “normal soil”. The new EIA/TIA 222-G standard includes parameters for various soil types that may be used for bid purposes in the absence of a boring report. Before a final design is completed, however, borings must be performed and this data considered for final design. This is one area in which corners should never be cut. While the potential exists that adequate geotechnical information could increase the cost of a project, Safety would tend to dictate that structure failure, the other end of the spectrum, will result if proper borings are not obtained.

12/13/11
Kevin Burns

The above signed, *Kevin Burns*, being known to me or after satisfactory proof of identification, personally appeared before me and verified the above prefilled testimony for the Connecticut Siting Council dated *12/13/11* is true and accurate and that they adopted it as their free act and deed on the *13* day of December, 2011.

CT Notary My Commission Expires/ Connecticut Commissioner of the Superior Court

John C. Vigorelli
(signature/date) *12/13/2011*

John C. Vigorelli
Notary Public State of CT
My Commission expires 12/31/2016

