

**JESSE A. LANGER**

PLEASE REPLY TO: Bridgeport  
E-Mail Address: [jlanger@cohenandwolf.com](mailto:jlanger@cohenandwolf.com)

December 30, 2009

**VIA REGULAR MAIL AND  
ELECTRONIC MAIL**

Ms. Marilyn M. Ozols  
Planning and Zoning Administrator  
8 Campus Drive  
Madison, CT 06443-2563

**Re: *Proposed Telecommunications Facility*  
*15 Orchard Park Road, Madison, Connecticut*  
*Docket No. 390***

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Dear Ms. Ozols:

I write in response to the Town of Madison's ("Town") request for party status ("Request") in connection with the above-captioned matter currently pending before the Connecticut Siting Council ("Council"). I would like to address the relief sought by the Town, which consists of three requests for information.

Initially, T-Mobile has engaged in a thorough, interactive process with the Town regarding the proposed telecommunications facility at 15 Orchard Park Road ("Facility"), prior to filing an Application for Certificate of Environmental Compatibility and Public Need on October 7, 2009 ("Application").

On May 28, 2009, T-Mobile submitted a technical report to the Town regarding the Facility, a copy of which is included in the bulk filing accompanying the Application. On July 11, 2009, T-Mobile directed Vanasse Hangen Brustlin, Inc. ("VHB") to conduct a public balloon float at the request of the Town. On July 27, 2009, T-Mobile met with the Town's Conservation Commission and provided that Commission with materials regarding the proposed Facility.

On August 6, 2009, T-Mobile appeared before the Town's Planning & Zoning Commission ("PCZ"), submitted written materials for the PCZ's review, and responded to questions from the PCZ regarding the Facility. The PCZ issued a letter with its comments on August 14, 2009. T-Mobile delayed filing the Application until it could evaluate the PCZ's comments, which included an inquiry as to whether the Sunshine House, a charitable

Ms. Marilyn M. Ozols  
Planning and Zoning Administrator  
December 30, 2009  
Page 2

organization which owns the adjacent parcel, was interested in a facility on its property. The Sunshine House elected to forego an arrangement with T-Mobile, and the other sites suggested by the PZC are not viable alternatives. On September 28, 2009, T-Mobile responded to the PZC's August 14, 2009 letter with a detailed letter of its own, which is attached to the Application as Exhibit Q.

Since filing the Application, T-Mobile has acquired additional data about the Facility and wishes to share that information with the Town. This data is responsive to the information sought by the Town in the Request. Each request for information by the Town is addressed separately below.

***A copy of geotechnical data confirming that the site can support a tower of the proposed height or an expanded height.*** In response to the Town's request, T-Mobile performed a geo-technical analysis of the site located at 15 Orchard Park Road ("Property"). The objective of this analysis was to determine whether the Property could support a telecommunications facility with a height greater than the proposed 100 feet above grade level ("AGL"). The result of that analysis, which is appended hereto, shows that the Property could support a tower with a height of 160 feet AGL. This conclusion is consistent with our previous correspondence. Accordingly, it is feasible for other carriers to co-locate at a height greater than T-Mobile's proposed position on the tower.

***An analysis of the visual impact of a tower at a height which would provide coverage for all current carriers.*** Additionally, T-Mobile has performed additional in-field reconnaissance to assess further the potential visual impact of the proposed Facility. This analysis considered the visual impact of the Facility at the proposed height of 100 feet as well as increased heights of 120 and 140 feet AGL. T-Mobile does not know what heights other carriers may desire or require for coverage in this area; nevertheless, this additional reconnaissance demonstrates the visibility of a tower at greater heights should a carrier wish to expand the Facility at a future date.

This reconnaissance focused on the potential visual impact to properties located along Route 1, Johnson Lane and the areas in the immediate vicinity of the proposed Facility. VHB performed this assessment on December 14, 2009; accordingly, VHB was able to evaluate the potential impact of the Facility during leaf-off conditions. These results are largely consistent with the Visual Resource Evaluation Report filed with the Application as Exhibit M. The results are set forth in T-Mobile's responses to the Connecticut Siting Council's second set of interrogatories. I have attached the photographic simulations and viewshed analysis for your



Ms. Marilyn M. Ozols  
Planning and Zoning Administrator  
December 30, 2009  
Page 3

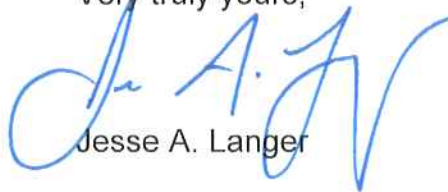
convenience. VHB's in-field investigation confirms that the Facility would have a minimal visual impact on the surrounding area.

**Information to verify the maximum tower height required to accommodate all current carriers.** The proposed positions for co-location on the Facility are viable positions for the other wireless carriers. These positions would be at 70, 80 and 90 feet AGL. T-Mobile cannot provide evidence regarding other carriers who are not participating in this pending application.

T-Mobile has exerted considerable effort to address the Town's questions. The company has also worked diligently to mitigate any adverse impact potentially caused by the Facility. Based upon this analysis, T-Mobile is confident that Facility will best address the intended coverage area and provide enhanced wireless service to the residents of Madison with the least amount of impact to the Town's environmental resources.

Please feel free to contact me should you have any questions.

Very truly yours,



Jesse A. Langer

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Enclosures

cc: Mr. S. Derek Phelps, Connecticut Siting Council (w/encl.)  
Andrew W. Lord, Esq. (w/encl.)