

JESSE A. LANGER

PLEASE REPLY TO: Bridgeport
E-Mail Address: jlanger@cohenandwolf.com

January 31, 2012

VIA FEDERAL EXPRESS and ELECTRONIC MAIL

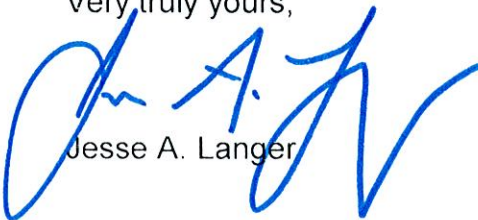
Ms. Linda L. Roberts
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

**Re: Docket No. 421 – Application by T-Mobile Northeast LLC
for a Certificate of Environmental Compatibility and Public
Need for a Telecommunications Facility at 158 Edison
Road in the town of Trumbull, Connecticut**

Dear Ms. Roberts:

On behalf of the Applicant, T-Mobile Northeast LLC, I have enclosed an original and twenty (20) copies of the Supplemental Pre-Filed Testimony of Michael Libertine

Very truly yours,



Jesse A. Langer

JAL/lcc
Enclosures

cc: Service List

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY T-MOBILE
NORTHEAST LLC FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED
FOR A TELECOMMUNICATIONS FACILITY
AT 158 EDISON ROAD IN THE
TOWN OF TRUMBULL, CONNECTICUT

DOCKET NO. 421

Date: January __, 2012

SUPPLEMENTAL PRE-FILED TESTIMONY OF MICHAEL P. LIBERTINE

Q18. Did you generate any additional photographic simulations regarding the proposed telecommunications facility incorporating all of the proposed stealth measures?


A18. Yes. On January 26, 2012, I generated and/or oversaw the generation of additional photographic simulations of the telecommunications facility proposed at 158 Edison Road, Trumbull, Connecticut ("Facility") by T-Mobile Northeast LLC ("T-Mobile"), with the stealth measures incorporated into the configuration. The additional photographic simulations serve to: (1) provide an updated depiction of the Facility incorporating all of the stealth measures in accordance with the materials submitted to the Connecticut Siting Council ("Council") and the testimony elicited during the hearing regarding this Docket and (2) aid the Council and Citizens Against Trumbull Tower ("CATT") in understanding how the proposed stealth measures would minimize the potential visual impact of the Facility.

The photographic simulations portray a scaled rendering of the proposed Facility from selected locations – already photographed and included in the Visual Resource Evaluation Report ("VRE Report") filed initially with T-Mobile's Application for Certificate of Environmental Compatibility and Public Need ("Application") – with the regional platform and the maximum number of (four) wireless service providers located on the

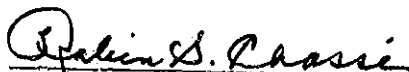
Facility with "cluster mounts." I generated or oversaw the generation of a spatially referenced model of the site area and the Facility using field data, site plan information and 3-dimension ("3D") modeling software. I collected or oversaw the collection of geographic coordinates (latitude and longitude) in the field for all of the photograph locations via GPS and used those coordinates to generate virtual camera positions within the spatial 3D model. I then created or oversaw the creation of photo simulations using a combination of renderings generated in the 3D model and photo rendering software programs. The photographic simulations include photographs of existing conditions with the balloons (at heights of 150 and 171.5 feet above the ground) to provide visual markers and to cross-reference the height and proportions of the proposed facility.

The additional photographic simulations portray the Facility with the stealth measures, based upon the materials already filed with the Council and the testimony elicited during the course of the on-going hearing. The photographic simulations depict the Facility painted sky blue, as requested by CATT, and standard steel gray (unpainted) for contrast. I selected twelve of the locations photographed in conjunction with the VRE Report, filed with the Council as Tab M of the Application. The additional photographic simulations are appended hereto as Attachment A.

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Michael P. Libertine

Sworn and subscribed to before me this
31st day of January, 2012.


Notary Public
My Commission expires

ROBIN S. CHASSE
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2014

ATTACHMENT A



Memorandum

To: Mr. Hans Fiedler
Development Manager
T-Mobile
35 Griffin Road
Bloomfield, CT 06002

Date: January 26, 2012

Project No.: 41245.05

From: Michael Libertine

Re: CTFF481 - Edison Road
Trumbull, Connecticut
Revised Photo-simulations

At the request of T-Mobile Northeast LLC ("T-Mobile"), Vanasse Hangen Brustlin, Inc. ("VHB") has revised select photo-simulations, which were originally presented in VHB's Visual Resource Evaluation report (dated July 2011), that reflect the current planned antenna specifications and configuration for municipal equipment at the top of the facility proposed at 158 Edison Road, Trumbull, Connecticut ("Facility"). VHB has relied on the following to prepare the revised photo-simulations: antenna specifications provided in T-Mobile's Responses to the Connecticut Siting Council's First Set of Interrogatories (dated October 25, 2011) and the proposed platform configuration depicted in the Site Plan Drawings (prepared by All-Points Technology Corp, P.C., dated June 11, 2011, Rev. 4).

Photographs of the balloon from the selected photo locations were taken in March 2010 with a Canon Digital Rebel camera body and Canon 18mm to 55mm zoom lens. With the exception of Photo #10, the photographs were taken with the camera focal lens setting of 50 millimeters (mm). Given the close proximity of Photo #10, a 24mm focal length was used to provide a greater depth of field. A photolog map depicting the photo locations is provided herein.

The following twelve (12) locations were selected for revising the photo-simulations:

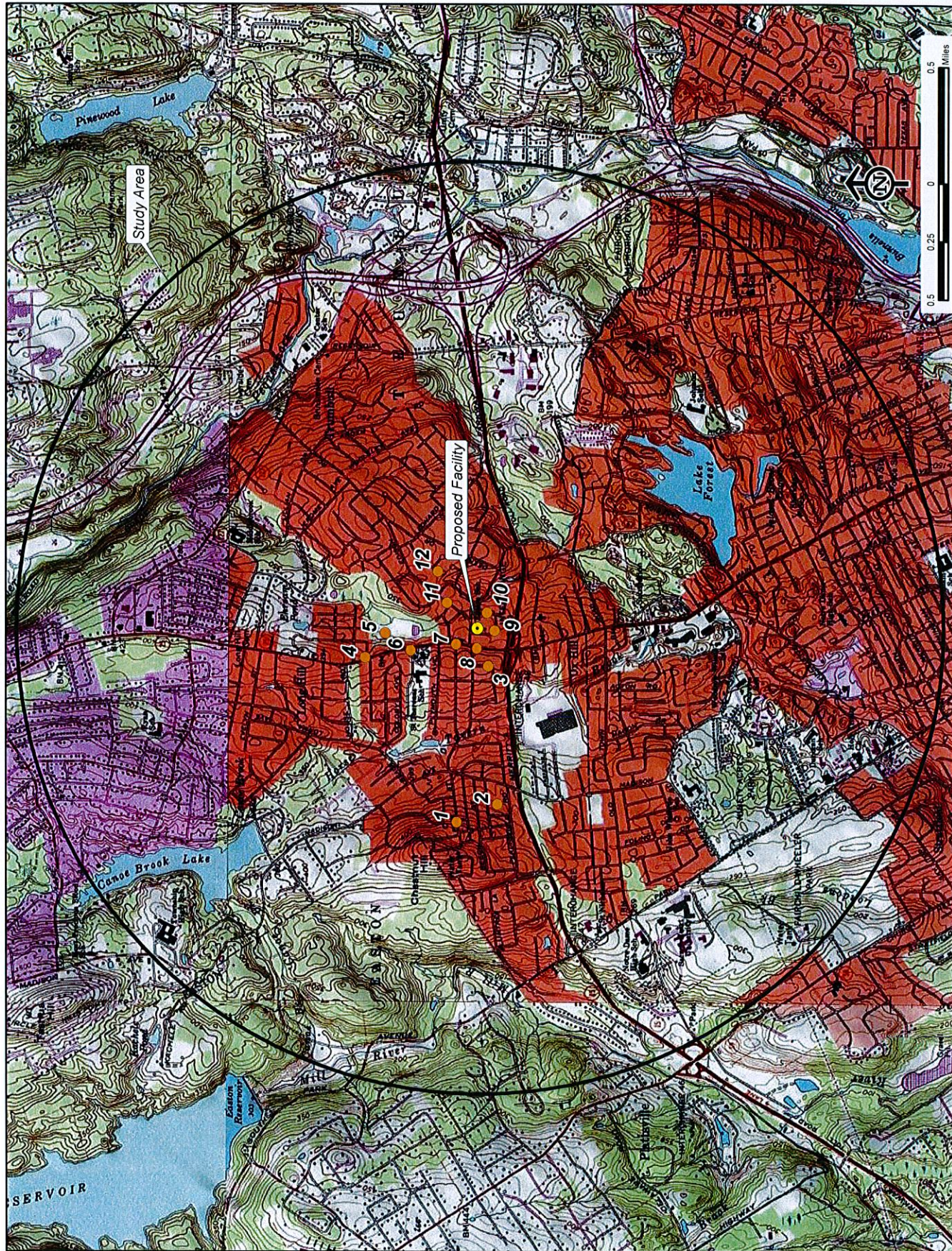
1. Pine Street adjacent to house #44*
2. Plattsville Road adjacent to house #866*
3. Parkway Drive adjacent to house #29
4. Wilmot Avenue at Main Street*
5. Island Brook Park*

6. Roseland Terrace at Main Street
7. Killian Avenue at Main Street
8. Main Street south of Chestnut Hill Road
9. Merwin Street at house #20
10. Koger Road adjacent to house #17
11. Edison Road adjacent to house #220
12. Elaine Street adjacent to house #35

The photographic simulations portray a scaled rendering of the proposed Facility from these locations, with four wireless service provider spaces depicted. When the four provider spaces are combined with the planned municipal equipment, this represents the maximum build-out capacity of the Facility. VHB generated a spatially referenced model of the site area and the Facility using field data, site plan information and 3-dimension ("3D") modeling software. VHB collected geographic coordinates (latitude and longitude) in the field for all of the photograph locations via GPS and used those coordinates to generate virtual camera positions within the spatial 3D model. VHB then created photo simulations using a combination of renderings generated in the 3D model and photo rendering software programs. VHB included photographs of existing conditions with the balloons (at heights of 150 and 171.5 feet above the ground) to provide visual markers and to cross-reference the height and proportions of the proposed facility.

Citizens Against Trumbull Tower has requested that the Facility be painted sky blue. Accordingly, VHB has simulated proportional monopole and antennae images using both standard steel grey (or otherwise unpainted) and light (sky) blue coloring to provide a comparison in those photographs where the distance from the proposed Facility is less than 0.4 mile away. VHB has determined that there is no substantial distinction between the grey and blue color variations of the Facility from locations beyond approximately 0.4 mile (photo-locations 1, 2, 4 and 5) as the Facility tends to become a dark silhouette at those distances.

PHOTOLOG MAP



PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
1	PINE STREET ADJACENT TO HOUSE #44	SOUTHEAST	0.84 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION



VIEW

1

LOCATION

PINE STREET ADJACENT TO HOUSE #44

ORIENTATION

SOUTHEAST

DISTANCE TO SITE

0.84 MILE +/-

VISIBILITY

YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	PLATTSVILLE ROAD ADJACENT TO HOUSE #866	NORTHEAST	0.75 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
2	PLATTSVILLE ROAD ADJACENT TO HOUSE #866	NORTHEAST	0.75 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION



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VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	PARKWAY DRIVE ADJACENT TO HOUSE #29	NORTHEAST	0.17 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	PARKWAY DRIVE ADJACENT TO HOUSE #29	NORTHEAST	0.17 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
3	PARKWAY DRIVE ADJACENT TO HOUSE #29	NORTHEAST	0.17 MILE +/-	YEAR-ROUND

PHOTOGRAPHIC DOCUMENTATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	WILMOT AVENUE AT MAIN STREET	SOUTHEAST	0.50 MILE +/-	YEAR-ROUND

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PHOTOGRAPHIC SIMULATION



VIEW	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
4	WILMOT AVENUE AT MAIN STREET	SOUTHEAST	0.50 MILE +/-	YEAR-ROUND