



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

Daniel F. Caruso
Chairman

August 2, 2010

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-089-100125** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 200 Stanley Street, New Britain, Connecticut. Modification.

Dear Attorney Baldwin:

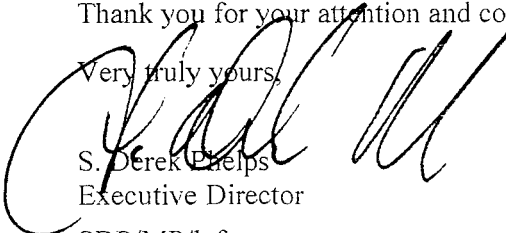
In addition to the Connecticut Siting Council (Council) acknowledgement dated February 19, 2010 (filing dated January 25, 2010) The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated July 13, 2010, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Timothy T. Stewart, Mayor, City of New Britain
Frank M. Wiatr, Director of License Permit & Inspection/ Chief Bldg. Official, City of New Britain
Crown Castle USA, Inc.

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ORIGINAL

July 13, 2010

RECEIVED
JUL 14 2010
CONNECTICUT
SITING COUNCIL

Michael Perrone
Siting Analyst
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Cellco Partnership d/b/a Verizon Wireless**
EM-VER-089-100125 – 200 Stanley Street, New Britain, Connecticut

Dear Mr. Perrone:

On February 19, 2010, the Siting Council acknowledged receipt of Cellco's notice of intent to modify the above-referenced telecommunications facility. This modification involved the removal of six (6) existing antennas and the installation of three (3) newer model PCS antennas and three (3) LTE antennas.

In addition to these antenna modifications, Cellco now intends to install six (6) coax cable diplexers on its antenna mounting platform. Attached to this letter is Structural Opinion Letter verifying that the tower can support the approved antenna modifications and the installation of the coax diplexers.

If you have any questions regarding any of these materials, please do not hesitate to contact me or Rachel Mayo.



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Sincerely,

Kenneth C. Baldwin

Attachment

Copy to:

Sandy M. Carter
Brian Ragozzine
Mark Gauger

Date: July 7, 2010

Veronica Harris
Crown Castle USA Inc.
1200 McArthur Blvd
Mahwah, NJ 07430
(201) 236-9094



GPD Associates
520 South Main St. Suite 2531
Akron, OH 44311
(614) 859-1623
cburton@gpdgroup.com

Subject: Structural Opinion Letter: 192 Foot –Summit Monopole

Carrier Designation: Verizon Wireless Co-Locate
Carrier Site Number: 119669
Carrier Site Name: New Britain 4 CT

Crown Castle Designation: Crown Castle BU Number: 803843
Crown Castle Site Name: CT New Britain 4 CAC 803843
Crown Castle JDE Job Number: 138643
Crown Castle WO Number: 344680

GPD Associate Designation GPD Associates Project Number: 2010183.58

Site Data: Stanley St., New Britain, CT 06053, Hartford County
Latitude 41° 39' 16.4", Longitude -72° 46' 9.59"

Dear Ms. Veronica Harris,

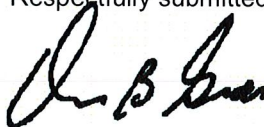
GPD Associates is pleased to submit this "Structural Opinion Letter" for the structural integrity of the aforementioned tower. This evaluation has been performed in accordance with the Crown Castle Structural 'Statement of Work' and the terms of Crown Castle Purchase Order Number 378845. The purpose of the opinion letter is to determine the suitability of the tower with the proposed, existing, and reserved loading as specified in Tables 1 & 2 on the next page. This opinion is consistent with the guidelines as stated in the EIA/TIA-222-F standard, the Connecticut Building Code, and local code requirements based upon a wind speed of 80 mph fastest-mile.

This opinion letter assumes the tower has been well maintained and in good condition with no structural defects. This is not a condition assessment of the structure. It is only a review based on the results of a previous structural analysis performed by GPD Associates (Job #: 2009282.46, dated 12/30/09), which gave a tower rating/capacity of 26.2% and an adequate foundations rating based on a wind speed of 80 mph fastest-mile. This letter is not based on a computer structural analysis.

Based upon a comparison of the current loads, proposed loads, and the results from the previous analysis using the current code prescribed fastest-mile wind speed of 80 mph, it is our opinion that the design for the **tower structure and foundation should be sufficient** for the proposed loading.

We at the GPD Associates appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:


David B. Granger P.E.
Connecticut #: 17557

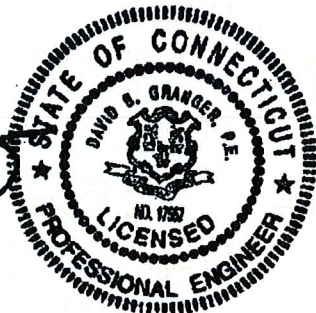


Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
100	102	3	Antel	BXA-185090/8CFx2			
		2	Andrew	LNx-6512DS-T4M			
		1	Antel	BXA-70063/6CFx2			
		6	RFS Celwave	FD9R6004/2C-3L Diplexer			

Table 2 - Existing and Reserved Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
193	195	3	Powerwave	7770.00	6	1-5/8	
		6	Powerwave	LGP21401 TMA			
	193	1		Platform Mount [LP 601-1]			
185	185	3	RFS/Celwave	APXV18-206517S-C	6	1-5/8	
		1		Platform Mount [LP 601-1]			
175	177	2	Dragonwave	A-ANT-18G-2-C	3 3 3 1	1/2 1/4 5/8 5/16	1
		2	Dragonwave	Horizon Compact TMA			
	175	1	Motorola	Timing 2000 GPS			
		3		Side-Arm Mount [SO 702-1]			
	173	3	Argus	LLPX310R			
		3	Samsung	Wimax DAP Head			
100	102	6	Decibel	DB948F85T2E-M	12	1-5/8	2
		6	Antel	WPA-80090/4CF			
	100	3		T-Arm Mount [TA 701-1]			

Notes:

- 1) Reserved Equipment.
- 2) Antennas to be removed and replaced by proposed loading.