

June 23, 2015

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **TS-VER-080-141029 – Cellco Partnership d/b/a Verizon Wireless Request for an Order to Approve the Shared Use of an Existing Telecommunications Facility Located at 462 West Main Street, Meriden, Connecticut**

Dear Ms. Bachman:

At its public meeting of December 11, 2014, the Connecticut Siting Council (“Council”) approved the above-referenced tower share request for Cellco Partnership d/b/a Verizon Wireless (“Cellco”). The Structural Analysis included as a part of this tower share filing contemplated Cellco cutting new antenna cable ports into the tower as a part of its installation. Upon further reflection and conversations with the tower owner and property owner, Cellco would like to modify that approach and band its coaxial cables to the outside of the monopole tower. This modification is acceptable to both Crown Castle and the Hunter Family L.P., the property owner. Enclosed for your file is an updated Structural Opinion Letter, dated June 8, 2015, verifying that the existing tower structure and its foundation are sufficient to accommodate the proposed antenna cable modifications.

Given the nature of the change of this proposed facility modification, I do not believe that a new tower share filing is necessary. If you believe otherwise, please notify me immediately and I will make the appropriate filing. Thank you in advance for your cooperation. As always, please feel free to contact me if you have any questions.

Robinson+Cole

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Sincerely,



Kenneth C. Baldwin

KCB/kmd
Enclosure
Copy to:
John Tierney

Date: June 8, 2015

Debra Elliott
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC 28277

Paul J Ford and Company
250 E. Broad Street, Suite 600
Columbus, OH 43215
614.221.6679

Subject: Structural Opinion Letter

Carrier Designation: Verizon Wireless Co-Locate
Carrier Site Number: N/A
Carrier Site Name: Meriden Hanover, CT

Crown Castle Designation: Crown Castle BU Number: 842869
Crown Castle Site Name: MERIDEN WEST
CENTRAL
Crown Castle JDE Job Number: 266423
Crown Castle Work Order Number: 1070587
Crown Castle Application Number: 224892 Rev. 11

Engineering Firm Designation: Paul J Ford and Company Project Number: 37515-2013.001.7101

Site Data: 450-478 WEST MAIN STREET, MERIDEN, New Haven County, CT
Latitude 41° 32' 24.24", Longitude -72° 49' 9.06"
100 Foot - Monopole Tower

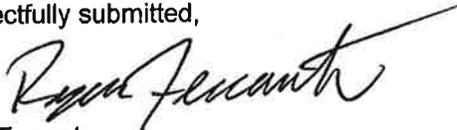
Dear Debra Elliott,

Paul J. Ford and Company 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 793771. The purpose of the opinion letter is to determine the suitability of the tower with the proposed and existing loading as specified in Tables 1 & 2 on the next page. This opinion has been performed in accordance with the requirements of the 2005 Connecticut Building Code and the TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph with no ice, 37.6 mph with 0.75 inch ice thickness and 50 mph under service loads.

Based on a comparison of the previous analysis loads (including wind speeds) from the PJF job number 37514-1556.001.7805, dated 7/16/2014, the current loads, and the proposed loads, we have determined the tower structure and foundation ARE sufficient for the proposed loading.

We at Paul J. Ford and Company 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,



Ryan Ferrante
Structural Designer KJS



6815

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250 E Broad St, Suite 600
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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
65.0	65.0	3	alcatel lucent	RRH2X40-AWS	2	1-5/8 ^(E)	-
		3	alcatel lucent	RRH2x40 700			
		6	antel	BXA-171063/12CF w/ Mount Pipe			
		6	antel	BXA-70063/6CF w/ Mount Pipe			
		2	rfs celwave	DB-T1-6Z-8AB-0Z			
		1	tower mounts	Platform Mount [LP 303-1]			

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
100.0	115.0	1	dbspectra	DS8A12F36U-N	-	-	1
	106.0	3	decibel	DB201-A			
		4	decibel	DB432-A			
		1	kmw communications	HB-X-AW-19-65-00T w/ Mount Pipe	-	-	3
	103.0	3	ericsson	RRUS 11	7 1 9 2	1-1/4 ⁽¹⁾ 3/8 ⁽¹⁾ 1/2 ⁽¹⁾ 7/8 ⁽¹⁾	1
		3	ericsson	RRUS 11			
		3	ericsson	RRUS 11			
		6	kathrein	860 10025			
		6	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe			
		6	powerwave technologies	LGP21401			
		1	raycap	DC6-48-60-18-8F			
	100.0	1	tower mounts	Platform Mount [LP 301-1]			
	86.0	90.0	6	css	CSS-DTMA-BRS	18 1	7/8 ⁽¹⁾ 1 ⁽¹⁾
6			ericsson	AIR 21 w/ Mount Pipe			
3			rfs celwave	ATMAA1412D-1A20			
2			rfs celwave	MA0528-23AN w/ Mount Pipe			
86.0		1	tower mounts	Platform Mount [LP 303-1]			
78.0	79.0	3	alcatel lucent	1900MHz RRH	-	-	1
	78.0	3	alcatel lucent	800 EXTERNAL NOTCH FILTER			
		3	alcatel lucent	TME-800MHZ RRH			
		1	tower mounts	Pipe Mount [PM 601-3]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
76.0	79.0	3	alcatel lucent	TD-RRH8x20-25	3	5/16 ^(I)	2
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe			
		3	rfs celwave	APXVSP18-C-A20 w/ Mount Pipe	3	1-1/4 ^(I)	
	76.0	1	tower mounts	Platform Mount [LP 403-1]			

- Notes:
 1) Existing Equipment
 2) Reserved Equipment
 3) Equipment To Be Removed
 (E) Coax mounted externally and exposed to the wind.
 (I) Coax mounted internally and shielded from the wind.

**Table 3 – Previous Analysis Antenna and Cable Information
 (PJF# 37514-1556.001.7805, Dated 7/16/2014)**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
100.0	115.0	1	dbspectra	DS8A12F36U-N	-	-	1
	106.0	3	decibel	DB201-A			
		4	decibel	DB432-A			
	103.0	1	kmw communications	HB-X-AW-19-65-00T w/ Mount Pipe	-	-	3
		3	ericsson	RRUS 11			
		3	ericsson	RRUS 11			
		3	ericsson	RRUS 11			
		6	kathrein	860 10025			
		6	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe			
		6	powerwave technologies	LGP21401			
	1	raycap	DC6-48-60-18-8F				
	100.0	1	tower mounts	Platform Mount [LP 301-1]	7	1-1/4 ^(I)	1
	86.0	90.0	6	css			
6			ericsson	AIR 21 w/ Mount Pipe			
3			rfs celwave	ATMAA1412D-1A20			
2			rfs celwave	MA0528-23AN w/ Mount Pipe			
86.0	1	tower mounts	Platform Mount [LP 303-1]	18	7/8 ^(I)	1	
78.0	78.0	3	alcatel lucent				1900MHz RRH
		3	alcatel lucent	800 EXTERNAL NOTCH FILTER			
		3	alcatel lucent	TME-800MHZ RRH			
		1	tower mounts	Pipe Mount [PM 601-3]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
76.0	79.0	3	alcatel lucent	TD-RRH8x20-25	3 1	5/16 ⁽¹⁾ 1-1/4 ⁽¹⁾	2
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe			
		3	rfs celwave	APXVSP18-C-A20 w/ Mount Pipe	3	1-1/4 ⁽¹⁾	1
	76.0	1	tower mounts	Platform Mount [LP 403-1]			
65.0	65.0	3	alcatel lucent	RRH2X40-AWS	2	1-5/8 ⁽¹⁾	4
		3	alcatel lucent	RRH2x40 700			
		6	antel	BXA-171063/12CF w/ Mount Pipe			
		6	antel	BXA-70063/6CF w/ Mount Pipe			
		2	rfs celwave	DB-T1-6Z-8AB-0Z			
		1	tower mounts	Platform Mount [LP 303-1]			

- Notes:
- 1) Existing Equipment
 - 2) Reserved Equipment
 - 3) Equipment To Be Removed
 - 4) Proposed Equipment
- (E) Coax mounted externally and exposed to the wind.
 (I) Coax mounted internally and shielded from the wind.