



December 17, 2024

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

RE: EM-VER-015-240424 - Cellco Partnership d/b/a Verizon Wireless, 1000 Trumbull Avenue, Bridgeport, Connecticut.

Notice of Construction Complete

Dear Ms. Bachman:

The purpose of this letter is to notify the Siting Council that construction activity associated with the above-referenced facility modifications has been completed.

If you have any questions or need any additional information regarding this facility, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Barbara Kassabian'.

Barbara Kassabian

Barbara Kassabian
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (603) 303-8001
bkassabian@clinellc.com

750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

December 12, 2024

Mr. Arben Kica
City of Bridgeport Building Department
47 Lyon Terrace, Rm 222
Bridgeport, CT 06604

Re: Letter of Professional Opinion

Project: N Bridgeport CT (Verizon)
1000 Trumbull Avenue
Bridgeport, CT 06606

Owner: American Tower

Engineer: A.T. Engineering Services, LLC
1 Fenton main, Suite 300, Cary, NC 27511

Contractor: NEC Group
21 Marion Drive, Kingston, MA 02364

Centek Project No.: 24140.39

Building Permit No.: BLD-C-013918-2024

Dear Mr. Kica,

We are providing this "Letter of Professional Opinion" with regard to the structural components at the above referenced project.

The following are the basis for substantiating compliance with construction documents prepared by A.T. Engineering Services, LLC dated 04/11/2024 Rev. 1 and Mount Modification Drawings prepared by Colliers Engineering & Design dated 02/06/2024 Rev. 1:

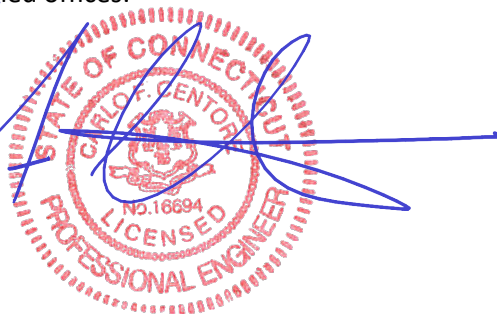
- Field observations of completed construction on 12/09/2024.

Please note that discrepancies in the tower-mounted equipment listed in the Structural Analysis Report prepared by American Tower Corporation (dated 04/02/2024) and the Post-Modification Mount Analysis Report prepared by Colliers Engineering & Design (dated 02/27/2024 Rev.2) have been identified. The inconsistency in equipment counts between the construction documents and these reports is highlighted in red on the attached pages: page 3 of the Post-Modification Mount Analysis Report and page 5 of the Structural Analysis Report.

The work under this Contract has been reviewed and found, to the Engineer's best knowledge, information, and belief, to be completed in general compliance with the documents prepared by the aforementioned offices.

Sincerely,

Carlo F. Centore, PE
Principal



Final Loading Configuration:

The following equipment has been considered for the analysis of the mounts:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
153.90	155.00	3	Samsung	MT6413-77A	Added
		6	Commscope	JAHH-65B-R3B	Retained
		3	Samsung	B2/B66 RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RC3DC-3315-PF-48	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Commscope	CBC78T-DS-43-2X	

The recent mount mapping reported existing OVP units. It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
153.0	1	Raycap RxxDC-3315-PF-48	(3) 1 5/8" Hybriflex (1) Waveguide
	2	Raycap RxxDC-3315-PF-48	
	3	Commscope CBC78T-DS-43-2X	
	3	Light Sector Frame	
	3	Mount Reinforcement	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6413-77A	
	3	Samsung Outdoor CBRS 20W RRH	
	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	
	6	Commscope JAHH-65B-R3B	

Install proposed lines alongside existing VERIZON WIRELESS lines.

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
263.8	1	8' Yagi	-	UNKNOWN
249.1	1	12' Omni	-	UNKNOWN
248.2	1	Dielectric DCR-L1	-	RED WOLF BROADCASTING
245.8	1	10' Omni	-	UNKNOWN
240.0	2	Side Arm	-	OTHER
	1	Beacon	-	-
	1	Lightning Rod	-	-
	1	Dielectric DCR-L1 w/ Radome	-	RED WOLF BROADCASTING
236.4	2	8' Omni	-	UNKNOWN
235.8	2	10' Omni	-	UNKNOWN
230.0	1	Side Arm	-	-
223.0	1	Side Arm	-	-
	1	Side Arm	-	-
208.0	3	Ericsson Radio 4449 B71 B85A	-	T-MOBILE
207.6	3	Ericsson Air6449 B41	-	T-MOBILE
202.0	3	Ericsson AIR 32 B66AA B2P	(2) 1 1/4" Hybriflex Cable (3) 1 5/8" Hybriflex	T-MOBILE
	3	Ericsson RRUS 4415 B25		
	3	Mount Reinforcement		
	3	Sector Frame		
	3	RFS APXVAARR24_43-U-NA20		
150.0	-	-	(3) 1 1/4" Hybriflex Cable	VERIZON WIRELESS

Nov 4, 2024 at 2:21:00 PM
1000 Trumbull Ave
Bridgeport CT 06602
United States



Nov 4, 2024 at 2:20:15 PM
1000 Trumbull Ave
Bridgeport CT 06602
United States



Nov 4, 2024 at 2:19:20 PM
1000 Trumbull Ave
Bridgeport CT 06602
United States

