

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

February 13, 2025

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **EM-VER-019-240214 – Cellco Partnership d/b/a Verizon Wireless Telecommunications Facility, 100 Tatnic Hill Road, Brooklyn, Connecticut**

Completion of Construction – Brooklyn

Dear Attorney Bachman:

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

As required by the Council's approval, attached is a letter from Centek Engineering dated February 12, 2025, verifying that the facility modifications were completed in accordance with the February 7, 2024, Mount Analysis Report prepared by Colliers Engineering and Design. Photographs of the completed improvements are also attached.

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

Sincerely,



Kenneth C. Baldwin

Attachment
Copy to:
Aleksy Tyurin

31466429-v1

February 12, 2025

Mr. John A. Berard
Town of Brooklyn Building Department
69 South Main Street, Suite 23
Brooklyn, CT 06234

Re: Letter of Professional Opinion

Project: Brooklyn CT (Verizon)
130 Old Tatnic Hill Road
Brooklyn, CT 06095

Owner: SBA Communications Corp.

Engineer: Chappell Engineering Associates, LLC
201 Boston Post Road West, Suite 101, Marlborough, MA 01752

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

Centek Project No.: 21007.27

Building Permit No.: 24-45B

Dear Mr. Berard,

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 Chappell Engineering Associates, LLC dated 02/05/2024 Rev.2, Structural Analysis Report prepared by Tower Engineering Solutions dated 01/09/2024 and Post-Modification Mount Analysis Report prepared by Colliers Engineering & Design dated 02/07/2024 Rev.2:

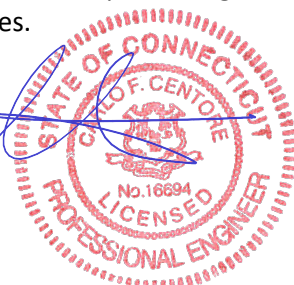
- ☐ Field observations of completed construction on 01/30/2025.

Please note that discrepancies in the tower-mounted equipment listed in the Post-Modification Mount Analysis Report prepared by Colliers Engineering & Design (dated 02/07/2024 Rev.2), Structural Analysis Report prepared by Tower Engineering Solutions (dated 01/09/2024) and the construction documents prepared by Chappell Engineering Associates, LLC (dated 02/05/2024 Rev.2) have been identified. The inconsistency in equipment models between the construction documents, Structural Analysis Report and Post-Modification Mount Analysis Report is highlighted in red on the attached pages: page 5 of the construction documents, page 5 of the Structural Analysis Report and page 3 of the Post-Modification Mount 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



Proposed Carrier's Final Configuration of Antennas, Mounts and Transmission Lines

Information pertaining to the proposed carrier's final configuration of antennas and transmission lines was provided by SBA Communications Corp. The proposed antennas and lines are listed below.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	177.0	3	Antel BXA-70080-6CF - EDIN - Panel	Platform w/ Modifications + Dual Mount Spacing Bracket [JMA 91900314-02]	(11) 1 5/8" (2) 1 5/8" Hybrid	Verizon
2		3	Commscope CBC78T-DS-43-2X - Diplexer			
3		6	Commscope JAHH-65B-R3B - Panel			
4		3	Samsung B2/B66A RRH-BR049 (RFV01U-D1A)			
5		3	Samsung B5/B13 RRH ORAN (RF44619-13A)			
6		3	Samsung MT6413 77A - Panel			
7	75.0	1	Raycap RVZDC-6627-PF-48 - OVP			
23		1	Lucent KS-24019 - GPS			

All transmission lines are considered running inside of the pole shafts.

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
175.50	177.00	6	Commscope	CBC78T-DS-43-2X	Added
		6	Commscope	JAHH-65B-R3B	
		3	Samsung	MT6413-77A	
		3	Samsung	RF4461d-13A	
		3	Samsung	RF4439d-25A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Amphenol Antel	BXA-70080-6CF-EDIN	Retained

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.

12/12/2024 9:59:09 AM 0.0000°, 0.0000°

12 Dec 2024 at 10:44:40
86 Tatnic Hill Rd
Brooklyn CT 06234
United States



12/12/2024 1:32:44 PM 0.0000°, 0.0000°

12 Dec 2024 at 12:51:19
86 Tatnic Hill Rd
Brooklyn CT 06234
United States



12/12/2024 9:13:09 AM 0.0000°, 0.0000°

12 Dec 2024 at 10:07:24
86 Tatnic Hill Rd
Brooklyn CT 06234
United States

