

STATE OF CONNECTICUT connecticut siting council

Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950 E-Mail: <u>siting.council@ct.gov</u> Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

November 30, 2021

John Coleman Project Manager Centerline Communications LLC 750 W. Center Street, Suite 301 West Bridgewater, MA 02379 jcoleman@clinellc.com

RE: **EM-VER-109-210902** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 45 Spaulding Road, Plainfield, Connecticut.

Dear Mr. Coleman:

The Connecticut Siting Council (Council) is in receipt of your correspondence of November 29, 2021 submitted in response to the Council's October 19, 2021 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Mulinghal

Melanie A. Bachman Executive Director

MAB/CMW/emr





John Coleman, Project Manager c/o Cellco Partnership d/b/a Verizon Wireless Centerline Communications, LLC 750 West Center Street, Floor 3 West Bridgewater, MA 02379 Mobile: (240) 615 -7389 JColeman@clinellc.com

November 29, 2021

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

RE: EM-VER-109-210902 – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 45 Spaulding Road, Plainfield, CT.

Dear Ms. Bachman,

In response to the Council's Incomplete Letter to modify an existing telecommunications facility dated October 19, 2021 for the afore mentioned site, please see the following attachments as outlined below per Councils request:

- 1. Original Facility Approval from CSC Website
- 2. Proof of mailing and delivery confirmation to Chief Elected Official: Kevin Cunningham.
 - a. UPS Label: 1Z9Y45030312360638
 - b. Delivery Confirmation.
- 3. Proof of mailing and delivery confirmation to Zoning Official: Mary Ann Chinatti.
 - a. UPS Label: 1Z9Y45030312360638 (Same Address)
 - b. Delivery Confirmation.
- 4. Proof of mailing and delivery confirmation to Property Owner: Robert & Nicole Dominez
 - a. UPS Label: 1Z9Y45030307796722
 - b. Delivery Confirmation.





- 5. The Meaning of the Asterisk
 - a. Clarification of the asterisk on the cover page of the Structural Analysis dated May 4, 2021 prepared by American Tower Corporation is identified on the 3rd page of the afore mention SA under Supporting Documents in which it states the following information
 - i. * The modifications by ATC Job #13211930_C6_09 are scheduled to be installed by June 6, 2021.
 - ii. The installation of these modifications are necessary in order for this Structural Analysis to pass at 99%.
- 6. The Original Filing sent to the CSC on 9/02/2021 Notice of Exempt Modification // Site: PLAINFIELD CT (ATC: 302498) Cellco Partnership d/b/a/ Verizon Wireless.

This list completes the items listed in the afore mentioned Letter of Incompleteness. I appreciate your time and consideration.

Sincerely,

John Coleman

John Coleman, Project Manager c/o Cellco Partnership d/b/a Verizon Wireless Centerline Communications, LLC 750 West Center Street, Floor 3 West Bridgewater, MA 02379 Mobile: (240) 615 -7389 JColeman@clinellc.com

DOCKET NO. 136 - An application of	Connecticut	
SNET Cellular, Inc., for a Certificate of Environmental Compatibility and	Siting	ORIGINAL
Public Need for the construction, operation, and maintenance of a cellular	Council	
telephone tower and associated equipment in the Town of Plainfield, Connecticut.	September 26,	1990

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications tower and equipment building at the proposed Plainfield, Connecticut, site including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatability and Public Need, as provided by section 16-50k of the Connecticut General Statutes (CGS), be issued to SNET Cellular, Inc., for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed site in Plainfield, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

- 1. The facility shall be constructed in accordance with the State of Connecticut Basic Building Code.
- The self-supporting monopole tower shall be no taller than necessary to provide the proposed communication service and in no event shall the tower exceed a total height of 167 feet above ground level, with antennas and appurtenances.
- 3. The tower shall be moved further southwest to reduce visibility to nearby landowners, provided the tower's fall zone does not extend beyond the lessor's property line. This change shall be made and subject to approval by the Council in a Development and Management (D&M) Plan.
- 4. The Certificate holder shall prepare a D&M Plan for this site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall include detailed plans of the tower, tower foundation, tower pedestal, equipment building, access road, and security fence. In addition, the D&M plan shall include detailed plans for erosion and sedimentation control.

Docket 136 Decision & Order Page 2

- 5. The Certificate Holder shall comply with any existing and future radio frequency (RF) standard promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.
- 6. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
- 7. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
- 8. If the facility does not initially provide, or permanently ceases to provide, cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.
- 9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

Pursuant to Section 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the <u>Norwich Bulletin</u>.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with section 16-50j-17 of the Regulations of State Agencies.

The party to this proceeding is:

(PARTY)

(ITS REPRESENTATIVES)

SNET Cellular, Inc. 227 Church Street New Haven, CT 06506 Peter J. Tyrrell Senior Attorney SNET Cellular, Inc. 227 Church Street Room 1021 New Haven, CT 06506 (203) 771-7381

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 136 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 26th day of September, 1990.

Council Members

Gloria Dibble Pond Chairperson

Commissioner Peter Boucher Designee: Mark Marcus

Commissioner Leslie Carothers

Designee: Brian Emerick

Harry E. Covey

Gelston Mortimer Α.

Yes Daniel P. Lynch

Paulann H. Sheets William H. Smith

Colin C. Tait

Absent

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Vote Cast

4759E-2

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Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z9Y45030312360638

Weight

1.00 LBS

Service

UPS Ground

Shipped / Billed On 08/31/2021

Delivered On

10/14/2021 12:14 P.M.

Delivered To PLAINFIELD, CT, US

Received By

LISA

Left At

Front Desk

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 10/20/2021 7:33 A.M. EST

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Customers with a Daily Pickup

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2	3	
Hello, your package has been delivered. Delivery Date: Friday, 11/12/2021 Delivery Time: 5:17 PM Left At: SIDE DOOR		
2		
Set Delivery Instructions	Manage Preferences	View My Packages
CENTERLINE SITE ACQUISITION		
Tracking Number:	<u>1Z9Y45030307796722</u>	
Ship To:	ROBERT & NICOLE DOMINE 161 PICKETT RD PLAINFIELD, CT 063741635 US	
Number of Packages:	1	
UPS Service:	UPS Ground	
Package Weight:	1.0 LBS	
Reference Number:	302498 - PLAINFIELD CT 6	
Download the UPS mobile ap	<u>p</u>	

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Structural Analysis Report

Structure	:	150 ft Monopole	
ATC Site Name	:	Plainfield CT 6, CT	
ATC Asset Number	:	302498	
Engineering Number	:	13668662_C3_01	
Proposed Carrier	:	VERIZON WIRELESS	
Carrier Site Name	:	PLAINFIELD CT	
Carrier Site Number	:	468617	
Site Location	:	45 Spaulding Road Plainfield, CT 06374-1824 41.674800,-71.879100	
County	:	Windham	
Date	:	May 4, 2021	
Max Usage	:	99%	
Result	:	Pass *	



Prepared By: Megan Engle Structural Engineer

Megan Engle

COA: PEC.0001553

Reviewed By:



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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 150 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	ITT Meyer 'Type B' Specification, ATT Spec AT-8935, dated April 13, 1984
Foundation Drawing	SNET Job #3C234, dated April 24, 1990
Geotechnical Report	GEOServices Project #21-07254, dated April 20, 2009
Modifications	ATC Project #48651233, dated May 8, 2012
	Mount Mods by Infinigy Job #1009-Z003-B, dated July 15, 2020
	ATC Job #13211930_C6_09, dated February 8, 2021*
Inspection	Infinigy Project #1009-Z003-B, dated July 1, 2020

* The modifications by ATC Job #13211930_C6_09 are scheduled to be installed by June 6, 2021.

<u>Analysis</u>

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	121 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	49 mph (3-Second Gust) w/ 0.85" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	В
Risk Category:	
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.19, S ₁ = 0.05
Site Class:	D - Stiff Soil

**Wind load and Ice thickness have been reduced by applicable existing structure load modification factors in accordance with TIA-222-H, Annex S.

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report. If the pending modifications cited in the Supporting Documents table are not completed by the forecast date above, the results of this analysis are no longer valid, and VERIZON WIRELESS should contact American Tower's Site Manager for further direction on how to proceed.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.