



February 13, 2019

Members of the Siting Council  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: Notice of Work Complete  
81 Montevideo Road  
Avon, CT 06001  
Sprint Site #: DOMU\_CT03XC053  
EM-SPRINT-004-1709020

Members of the Siting Council:

On behalf of Sprint Spectrum, SBA Communications is hereby notifying the Connecticut Siting Council that work has been completed at the aforementioned telecommunications facility.

Pursuant to the Council's letter of acknowledgement dated October 10, 2017, please find the enclosed documentation certified by a Professional Engineer that Sprint's installation complied with the recommendations of the Structural Analysis dated August 22, 2017.

Thank you,

A handwritten signature in blue ink, appearing to read "Kri Pelletier".

Kri Pelletier  
Property Specialist  
SBA Communications Corporation  
134 Flanders Rd., Suite 125  
Westborough, MA 01581  
508-251-0720 x 3804 + T  
[kpelletier@sbsite.com](mailto:kpelletier@sbsite.com)



October 10, 2017

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

Kri Pelletier  
Property Specialist  
SBA Communications  
134 Flanders Road, Suite 125  
Westborough, MA 01581

RE: **EM-SPRINT-004-1709020** - Sprint notice of intent to modify an existing telecommunications facility located at 81 Montevideo Road, Avon, Connecticut.

Dear Ms. Pelletier:

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 with the following conditions:

1. The proposed feed lines shall be installed in Figure 1 in the Appendix, consistent with Structural Analysis Report prepared by Velocitel, Inc, dated August 22, 2017 and stamped by Dennis Abel;
2. Within 45 days following completion of the equipment installation, Sprint shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the structural analysis;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by Sprint shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated September 19, 2017. 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 by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and

Environmental Protection pursuant to Connecticut 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. Thank you for your attention and cooperation.

Very truly yours,



Melanie A. Bachman  
Executive Director

MAB/FOC/bm

- c: The Honorable Mark W. Zacchio, Chairman, Town of Avon
- Brandon Robertson, Town Manager, Town of Avon
- Hiram Peck, AICP, Director of Planning and Community Development, Town of Avon
- MCM Acquisition 2017, LLC, Tower Owner
- Monte LLC, Tower Owner

# Final Report of Special Inspections

Project: *Sprint DO Macro CT03XC053 - Avon (Montevideo)*  
Building Permit No. *17-4819*  
Exempt Mod. No. *EM-Sprint-004-1709020*  
Site Address: *81 Montevideo Road, Avon, CT 06001*  
Owner: *Sprint*  
Owner's Address: *1 International BLVD, Suite 800  
Mahwah, NJ 07495*  
Engineer of Record: *Thomas Johnson  
ProTerra Design Group, LLC*

To the best of my information, knowledge and belief, no special inspections were required for this project. A general visual inspection from ground level of completed construction has been performed as noted in the attached field inspection report and all discovered discrepancies have been reported and resolved.

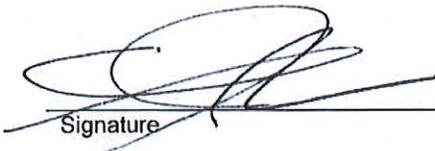
Based on my knowledge, information and belief the completed construction substantially conforms to the approved plans, Connecticut State Building Code, Structural Standards for Steel Antenna Towers and Antenna Supporting Systems (ANSI/TIA/EIA-222-G), the equipment manufacturer's installation guidelines, and the following:

1. Final Construction Drawings prepared by ProTerra Design Group, LLC revised through February 16, 2018 Rev 2.
2. Passing Antenna Mount Assessment prepared by ProTerra Design Group, LLC revised through February 16, 2018 Rev 1.
3. Passing Structural Analysis prepared by FDH Velocitel dated August 22, 2017.

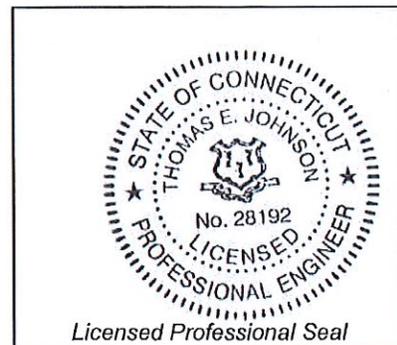
All deviations from the approved plans do not endanger the intended occupancy of the facility and equipment substitutions are approved as equivalent to the original specifications. Construction has been satisfactorily completed.

Respectfully submitted,  
Special Inspector

*Thomas Johnson, PE*  
(Type or print name)

  
Signature

*10/15/18*  
Date





PREPARED BY: ProTerra Design Group, LLC  
 4 Bay Road  
 Building A; Suite 200  
 Hadley, MA 01035

SUBMITTED TO: Rick Woods  
 SBA Communications Corp.  
 134 Flanders Road  
 Suite 125  
 Westborough, MA 01581

FIELD INSPECTION REPORT		
INSPECTION DATE October 04, 2018		JOB NO. 17-052
REPORT ISSUE DATE	REVISION	COMMENTS
10/10/2018	0	Field Inspection Report
<b>PROJECT</b> Sprint DO Macro Alteration <b>(Building Permit No.: 17-4819)</b> Connecticut Siting Council: <b>EM-Sprint-004-1709020</b> Sprint Site Name: Avon (Montevideo) Sprint Site No.: CT03XC053 Site Address: 81 Montevideo Road Avon, CT 06001		
<b>CONTRACTOR</b>		<b>OWNER</b>
McPhee Electric		Sprint
<b>PRESENT AT SITE</b>		<b>ORGANIZATION</b>
Peter Nute		ProTerra Design Group, LLC

The following report documents a visual inspection from ground level of completed construction for general conformance with **Sprint DO Macro Alteration** construction drawings prepared by ProTerra Design Group, LLC revised through February 16, 2018 Rev 1.

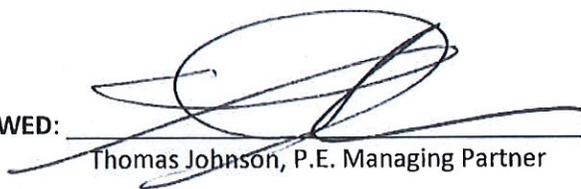
The following items have been completed in general conformance to plans:

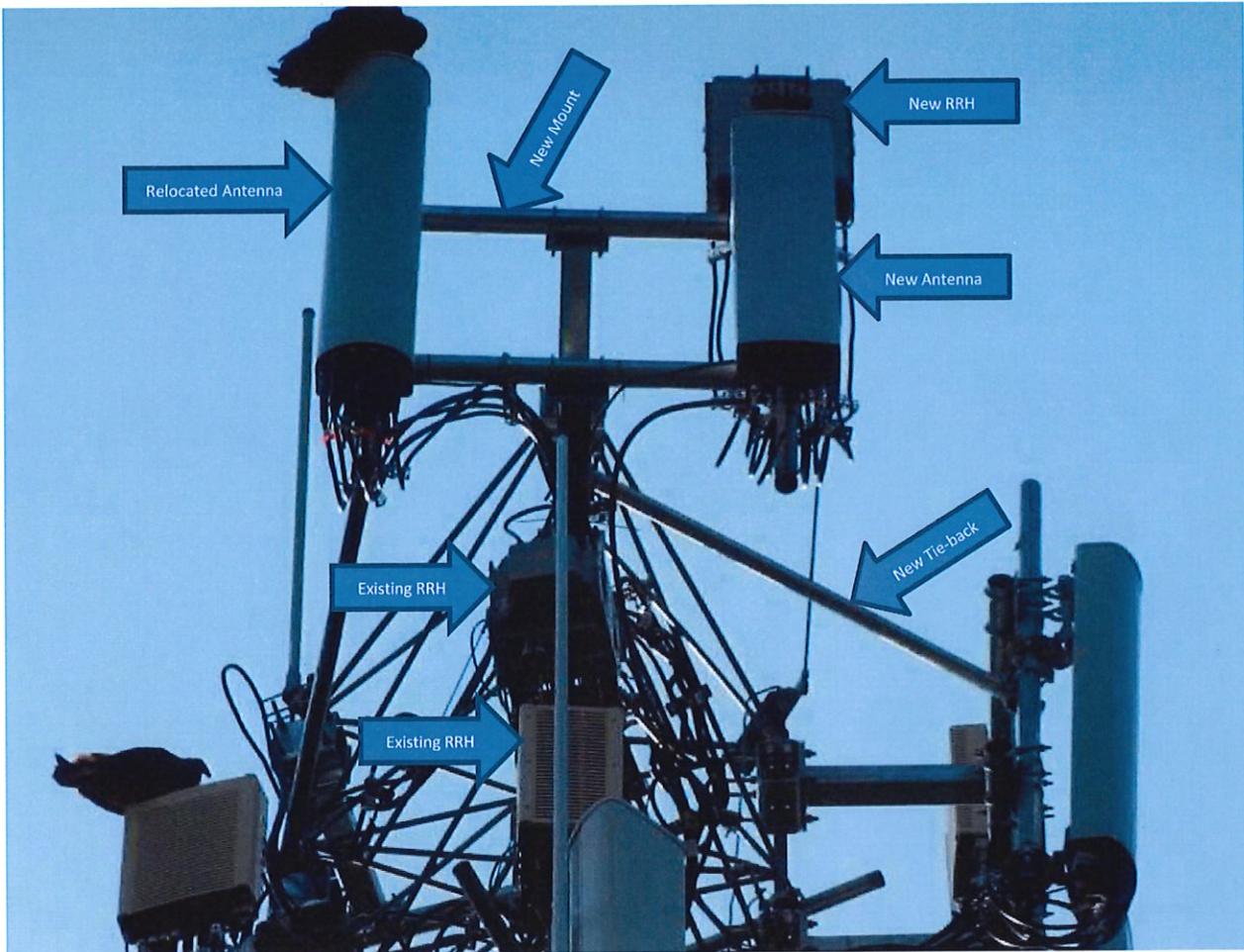
1. The existing Sprint antenna mounts and all associated hardware have been removed and replaced with the new dual antenna mount assembly, (SitePro1 model# CWT02) in general conformance with the plans, (Two mounts per sector, total of 6).
2. Three (3) tie-backs have been installed from the sector frame back to the adjacent tower leg.
3. Three (3) existing Sprint antennas have been removed and relocated to the new Sprint sector frames.
4. Three (3) new Sprint panel antennas (1 per sector) have been secured to the new sector mount.
5. Three (3) RRUs were installed on the new antenna pipe mast behind the new antennas.
6. An additional 1-1/4" Hybrid cable has been run along the existing cable route at the ground level, then running up the self-support tower in accordance with the passing structural analysis.
7. It is presumed that new RAN equipment has been installed within the existing equipment cabinet at ground level per Sprint's specifications.
8. Site is clean.

The comments in this field report are a record of observations made on site. If there are any errors or omissions please notify ProTerra Design Group, LLC in writing or all comments and all parties shall consider this report factual and acceptable.

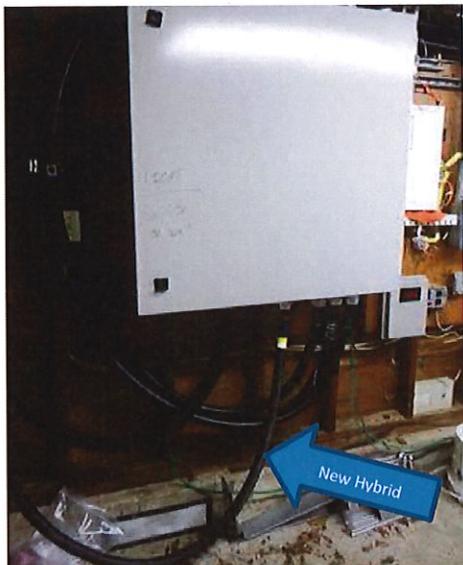
**COPIES TO:** File

**SUBMITTED:**   
Peter Nute, Project Engineer

**REVIEWED:**   
Thomas Johnson, P.E. Managing Partner



Typical Sprint antenna mount assembly.



New Hybrid cable installed at distribution box.



Ground level Equipment cabinets.

Town of Avon, Conn.

# BUILDING PERMIT

This card must be posted and visible from the road

81 Montevideo Road

No.

Street

17-4819

10/16/17

RSteadward/Csa

Permit No.

Date Issued

Signature

All work done under this permit must comply with the State of Connecticut Building Code effective October 1, 2016 As Amended

# APPLICATION FOR BUILDING PERMIT TOWN OF AVON

Tel. (860) 409-4316 • Fax (860) 409-4321  
60 West Main Street, Avon, Connecticut 06001-3743

PERMIT NO 17-4819  
OCT 19 '17 AM 10:50  
Application & Fee Received By: mailed

CT SETTING COUNCIL (OCT 10, 2017) LETTER

LOCATION OF JOB (NO. & STREET) 81 Montevideo Road		GIS Parcel ID Map 15-Lot 3180081	ZONE RU2A	CONST. TYPE Building	USE GROUP Utility	OCCUPANCY Telecom Site	CBYD		
TITLE		ADDRESS (No., Street, Town, State, Zip)		TEL.	FAX	CELL			
OWNER MCM Acquisition 2017 (an SBA entity - SBA acquired the tower previously owned by MC Towers Inc)		134 Flanders Rd., Suite 125 Westborough MA 01581		508.251.0720 x 3804	508.366.2610				
TENANT Sprint		134 Flanders Rd., Suite 125 Westborough MA 01581		508.251.0720 x 3804	508.366.2610				
APPLICANT Kri Pelletier / SBA Communications		134 Flanders Rd., Suite 125 Westborough MA 01581		508.251.0720 x 3804	508.366.2610				
BUILDER SBA Network Services LLC	LICENSE # MBO 0902977	134 Flanders Rd., Suite 125 Westborough MA 01581		508.251.0720 x 3804	508.366.2610				
ARCHITECT		LICENSE #							
ENGINEER B&T Group	LICENSE # Scott Vance: 31627	1717 S. Boulder Suite 300 Tulsa, OK 74119		918.587.4630					
INTERIOR DESIGNER		LICENSE #							
SPECIAL INSPECTOR Thomas Johnson / ProTerra Design Group	LICENSE # 28192	<u>4 Bay Rd., #200 Hartley, MA 01035</u>		<u>413.320.4918</u>					
CONTACT PERSON Kri Pelletier / SBA Communications kpelletier@sbasite.com / 508.251.0720 x 3804		134 Flanders Rd., Suite 125 Westborough MA 01581		508.251.0720 x 3804	508.366.2610				
PERMIT TYPE		PROJECT TYPE		PERMIT FEE CALCULATION					
<input type="checkbox"/> Foundation <input checked="" type="checkbox"/> Building <input type="checkbox"/> Tenant Fitout <input type="checkbox"/> Sign <input type="checkbox"/> Change of Use <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Move Lot Line <input type="checkbox"/> Article 34 <input checked="" type="checkbox"/> Other TELECOM		<input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Repair/Replace <input type="checkbox"/> Other _____ # _____ DWELLING UNITS SPRINKLERS Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Provided <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Story Gross Sq. Ft. Use Occ. Load _____ _____ _____ Total _____ Building Height <u>150</u> ft. NO CHANGE TO EXISTING INS. _____ G.C.- H.O.- S.P. _____		Phase Est. Value Fee Const. 15,000 262 Plng. _____ Mech. _____ Elect. _____ Spnkr. _____ Other _____ Total 15,000 262 (ok. informed)			
Septic <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Sewer <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Flood Zone <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		Description of Work/Remarks: Install (3) newer technology cell antennas and associated equipment at existing cell site. CSC Approval attached. No change to tower / height or compound / size. All work conforms to parameters of an Eligible Facilities Request under Section 6409 of the Middle Class Tax Relief Act.							
All work covered by this application has been authorized by the owner of this property or an authorized agent and will be done in compliance with all local, state and federal regulations. This permit shall lapse if work does not commence within 6 months.									
Property Owner Signature: <u>[Signature]</u> Date: <u>10-11-2017</u>		Agent Signature: <u>[Signature]</u> Date: <u>10/12/17</u>							
PRE-APPROVAL BY OTHER AGENCIES Zoning Sign <u>[Signature]</u> Date <u>10/16/17</u> Fire Marshal Wetland Sign <u>[Signature]</u> Date <u>10/16/17</u> Water Town Eng. _____ Date _____ Sewerage				Plan Reviewed By _____ Date _____ APPROVAL CONSTITUTES ISSUANCE OF THIS BUILDING PERMIT <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Disapproved Building Official: <u>[Signature]</u> Date: <u>10/16/17</u>					