

May 23, 2022

Town of Medfield  
Board of Selectmen  
Town House  
459 Main Street  
Medfield, MA 02052

Re: Petition of Cellco Partnership d/b/a Verizon Wireless (“Verizon”) for  
Pole Attachment of Small Cell Communications Equipment:  
**MEDFIELD\_SC25\_MA, 345 South Street, Pole # 115**

Dear Honorable Members of the Board of Selectmen:

Enclosed please find a Petition to the Honorable Medfield Board of Selectmen for permission to attach, maintain and operate small cell communications equipment on a utility pole located in the public right-of-way (the “Petition”). The proposed small cell equipment installation included with this petition is to be located on a utility pole near the property with an address of 345 South Street.

Verizon’s radio frequency engineers targeted the proposed location due to the high traffic and data demands on Verizon’s network in the area. Verizon’s existing macro and small cell sites are not providing adequate data capacity in this location due to population, vehicular and foot traffic, multiple wireless devices being used simultaneously and other contributing factors. This small cell site will work to offload the demand of the macro sites and will allow for increased data capacity and speed within the vicinity of the proposed small cell location.

The small cell equipment will be installed using standard commercially acceptable methods in accordance with all applicable federal, state and local laws and regulations. The proposed attachment is to a utility pole jointly owned with Eversource. Verizon has entered into a pole attachment agreement with Eversource and is licensed to attach its wireless facilities to the pole.

As shown on the attached detailed plans, the small cell installation on the utility pole will include fiber optic cables, an unobtrusive side-mount antenna measuring 35.4” in height and 14” in diameter; a remote radio head unit, conduits and cable protectors, and an electric meter with a shut-off switch. The attached plans show the proposed location, pole height, mounting height, equipment specifications and utility plan.

Without this installation, Verizon would be unable to provide specifically established coverage and capacity objectives. The utility pole is located within the limited



geographic area where Verizon's radio frequency engineers determined that a wireless facility is required.

### **The Telecommunications Act of 1996**

The Telecommunications Act of 1996 (the "Act") imposes restrictions affecting the standard for granting the requested relief, specifically (1) no laws or actions by any local government or planning or zoning board may prohibit, or have the effect of prohibiting, the placement, construction, or modification of communications towers, antennas or other wireless facilities in any particular geographic area, see 47 USC § 332(c)(7)(B)(i); (2) local government or planning or zoning boards may not unreasonably discriminate among providers of functionally equivalent service, see 47 USC § 332(c)(7)(B)(i); (3) health concerns may not be considered so long as emissions comply with the applicable standards of the FCC, see 47 USC § 332(c)(7)(B)(iv); and (4) decisions must be rendered within a reasonable period of time, see 47 USC § 332(c)(7)(B)(ii). The presumptively reasonable period of time established by the FCC in this instance is 60 days from the submission of a complete Petition, see 47 CFR § 1.6003(c)(1)(i).

Accordingly, under Massachusetts General Laws Chapter 166, Sections 21, 22, 25A, and the above mentioned federal provisions, Verizon respectfully requests that the Medfield Board of Selectmen issue a Grant of Location Order to install and operate fixtures as specified herein.

Verizon respectfully requests that the Petition be added to the Board of Selectmen agenda.

In accordance with the filing requirements, please find the following:

1. Petition for Pole Attachment;
2. Site Drawing;
3. Proposed Order; and
4. Pole Attachment License issued to Verizon from Eversource.

Verizon looks forward to presenting this Petition to the Medfield Board of Selectmen. Should you require any additional information, please don't hesitate to contact me. Thank you very much.

Very truly yours,

*Paula Foley*

Paula Foley  
Network Real Estate / Regulatory  
M: 508.269.0172  
[Paula.foley@verizonwireless.com](mailto:Paula.foley@verizonwireless.com)

## **PETITION FOR SMALL CELL POLE ATTACHMENT**

To the Board of Selectmen for the Town of Medfield, Massachusetts

Cellco Partnership d/b/a Verizon Wireless hereby provides a petition to this Honorable Board for the location of a small cell wireless antenna, and the necessary sustaining and protecting fixtures, on a utility pole in Medfield, Massachusetts, as more particularly shown on the plans included herewith.

### Pole Location

Pole Location: 345 South Street - Utility Pole Number: 115

Proposed Equipment: Antenna, Remote Radio Heads, AC/DC Converter, associated wires, cables, meter and fiber demark box on a utility pole as shown on the attached Plans titled MEDFIELD\_SC25\_MA prepared by MD7 LLC with a date of 12/23/21

Purpose: To address network coverage and capacity in the immediate area of the subject pole. Offload wireless traffic from macro sites and designed to increase throughput to customers in proximity to the pole.

Respectfully submitted,

PETITIONER:

Cellco Partnership d/b/a Verizon Wireless

*Paula Foley*

Paula Foley  
Network Real Estate / Regulatory  
15 Chestnut Street, 4<sup>th</sup> Floor  
Worcester, MA 01609  
M: 508.269.0172  
[Paula.foley@verizonwireless.com](mailto:Paula.foley@verizonwireless.com)

# MEDFIELD\_SC25\_MA

## CLUSTER: MEDFIELD

PRESIDING POWER COMPANY  
**EVERSOURCE**  
 ENERGY

### ISSUE STATUS

REV	DATE	DESCRIPTION	BY
0	12/23/2021	LEASE EXHIBIT	NB

**MD7**  
 MD7, LLC  
 10590 West Ocean Air Dr, Suite 300  
 San Diego, CA 92130  
 858.964.7439

**verizon**



LOCATION PLAN / AERIAL VIEW

20' 0 10' 20' SCALE: 1" = 20'-0" (24x36)  
 (OR) 1/2" = 20'-0" (11x17) 1

### CONTRACTORS NOTES

- THESE DRAWINGS ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE PROPOSED LOCATION, SIZE, AND ORIENTATION OF VERIZON WIRELESS EQUIPMENT INSTALLATION AND NOT INTENDED FOR CONSTRUCTION.
- EXACT EQUIPMENT LOCATION MAY BE ADJUSTED TO MEET SYSTEM REQUIREMENTS.
- CONTRACTOR TO COMPLY WITH ALL HOLYOKE REQUIREMENTS REGARDLESS OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS.
- ANTENNA TO COLOR MATCH POLE WITH 3M WRAP.
- EQUIPMENT, RISERS AND ANTENNA MOUNTING BRACKET ARE TO BE PAINTED BROWN IN COLOR.

### CONFIDENTIAL AND PROPRIETARY

NOT FOR DISCLOSURE OUTSIDE VERIZON WIRELESS WITHOUT WRITTEN PERMISSION.

ACCESSIBILITY REQUIREMENTS:  
 FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.  
 HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.

### SITE LOCATION

UTILITY POLE# 115  
 LAT (Decimal): 42.15401°  
 LONG (Decimal): -71.303026°  
 LAT (Deg. Min. Sec): 42° 9' 14.4354" N  
 LONG (Deg. Min. Sec): -71° 18' 10.8936" W  
 ELEV: 150' (AMSL)  
 POLE OWNER: EVERSOURCE  
 JURISDICTION: CITY OF MEDFIELD

### SHEET

### DESCRIPTION

LE-1	LOCATION PLAN / AERIAL IMAGE
LE-2	UTILITY POLE PHOTOGRAPH AND ELEVATION
LE-3	ANTENNA & ANCILLARY EQUIPMENT ORIENTATION PLANS & MOUNTING DETAILS
LE-4	ANTENNA & ANCILLARY EQUIPMENT SPECIFICATIONS AND ONE LINE DIAGRAM

MEDFIELD\_SC25\_MA

345 SOUTH ST  
 MEDFIELD, MA, 02052

SHEET TITLE:  
**LOCATION PLAN / AERIAL IMAGE**

**LE-1**

## ISSUE STATUS

REV	DATE	DESCRIPTION	BY
0	12/23/2021	LEASE EXHIBIT	NB

**MD7**  
MD7 LLC  
10590 West Ocean Av Dr. Suite 300  
San Diego, CA 92130  
858-964-7439

**verizon**

SMALL CELL PROJECT  
LEASE EXHIBIT  
NOT FOR CONSTRUCTION

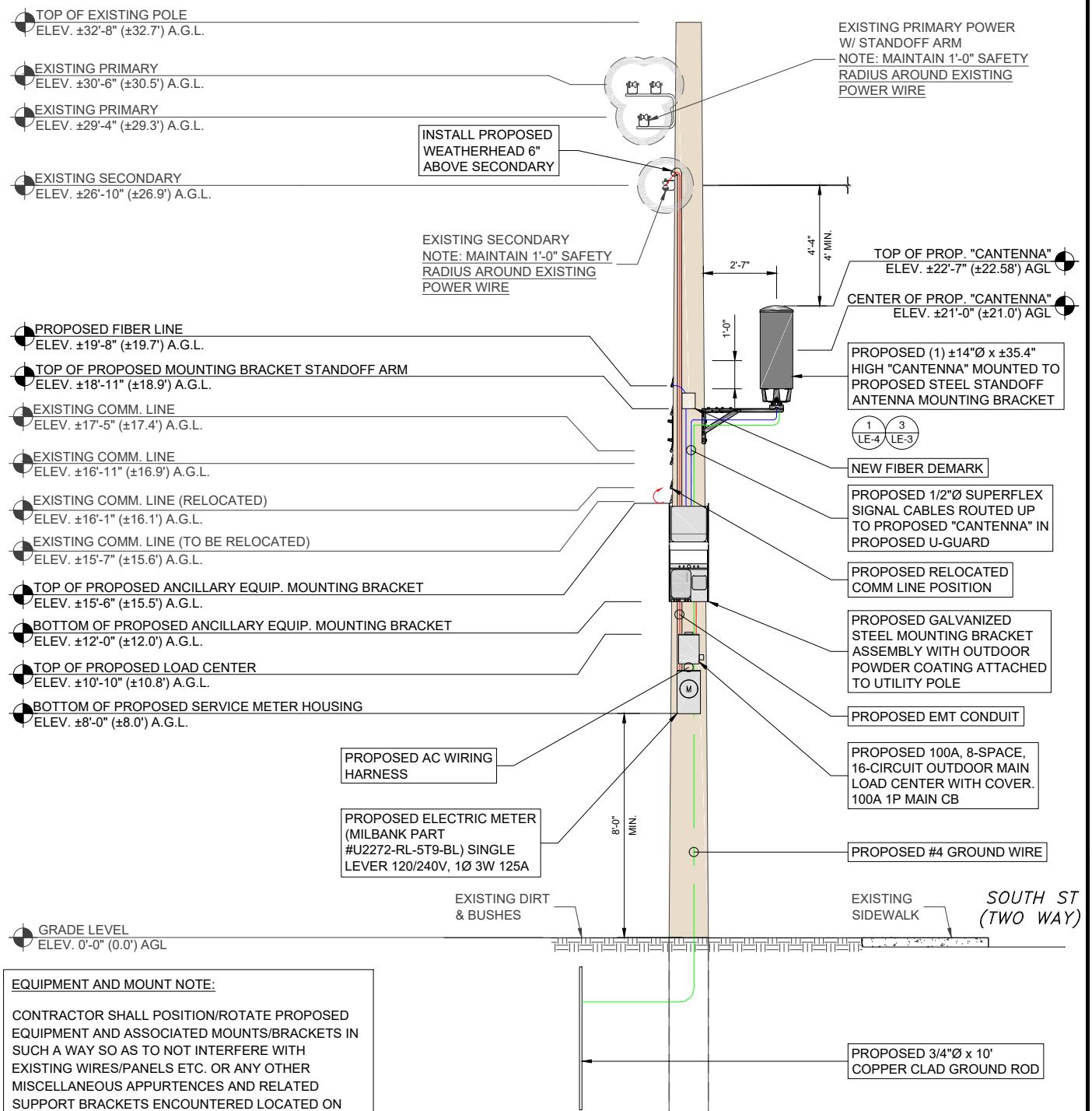
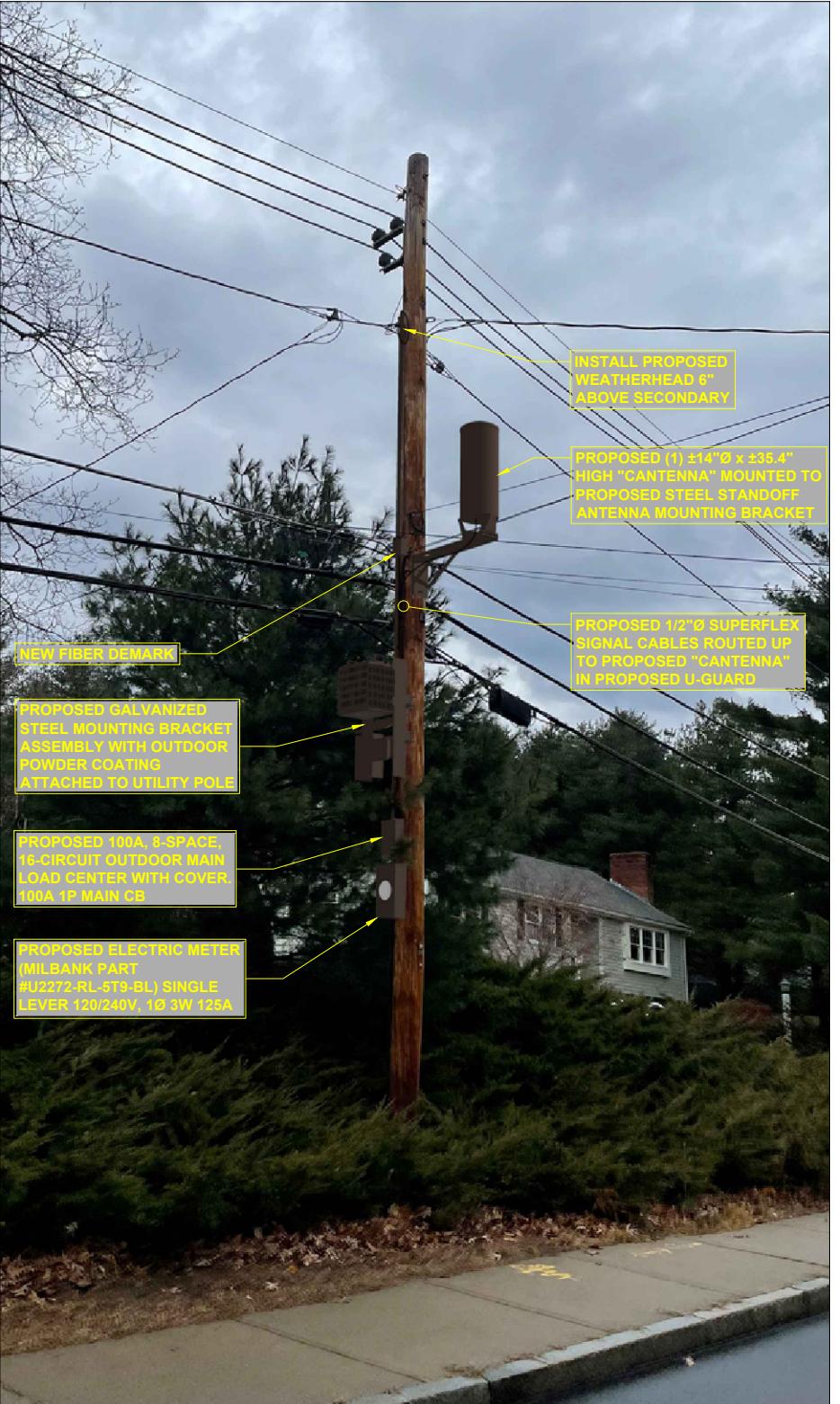
MEDFIELD\_SC25\_MA  
345 SOUTH ST  
MEDFIELD, MA, 02052

SHEET TITLE:  
UTILITY POLE  
PHOTOGRAPH AND  
ELEVATION

**LE-2**

GENERAL NOTES:				
1.	THESE DRAWINGS ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE PROPOSED LOCATION, SIZE, AND ORIENTATION OF VERIZON WIRELESS EQUIPMENT INSTALLATION AND NOT INTENDED FOR CONSTRUCTION.			
2.	EXACT EQUIPMENT LOCATION MAY BE ADJUSTED TO MEET SYSTEM REQUIREMENTS.			
3.	CONTRACTOR TO COMPLY WITH ALL HOLYOKE REQUIREMENTS REGARDLESS OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS.			
4.	ANTENNA TO COLOR MATCH POLE WITH 3M WRAP.			
5.	EQUIPMENT, RISERS AND ANTENNA MOUNTING BRACKET ARE TO BE PAINTED BROWN IN COLOR.			

ANTENNA AND MOUNT NOTE:				
CONTRACTOR SHALL POSITION/ROTATE PROPOSED ANTENNA MOUNT/BRACKET IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING STREET LIGHT, PRIMARY POWER CROSSARM(S) (IF PRESENT), BRACKETS, BRACES. SECONDARY POWER SUPPORTS OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON THE EXISTING POLE.				

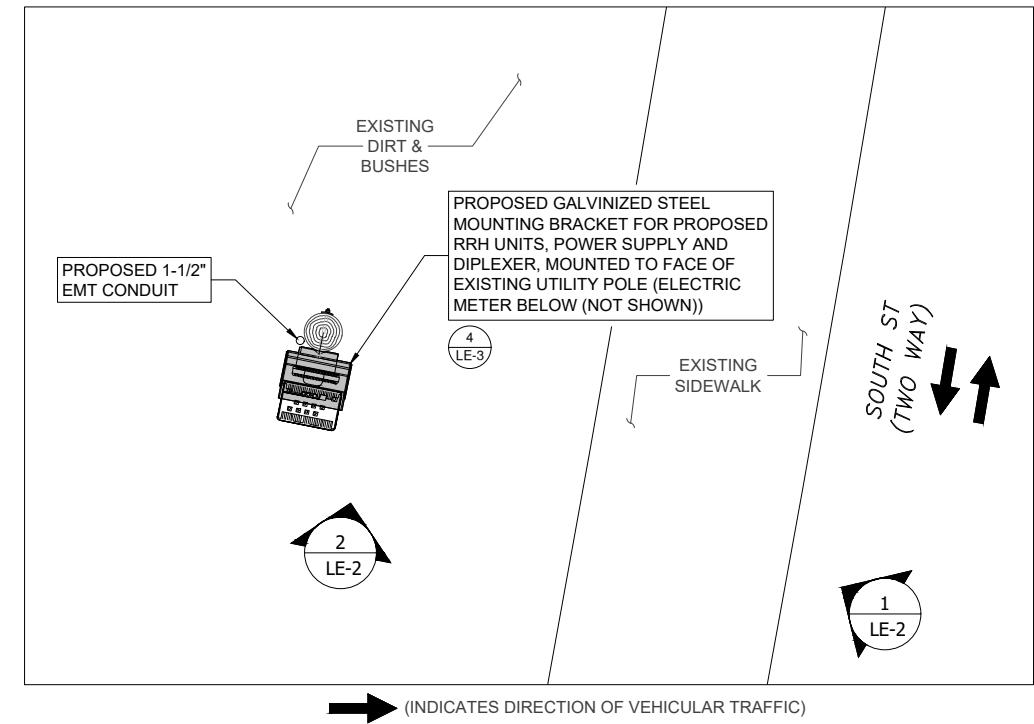
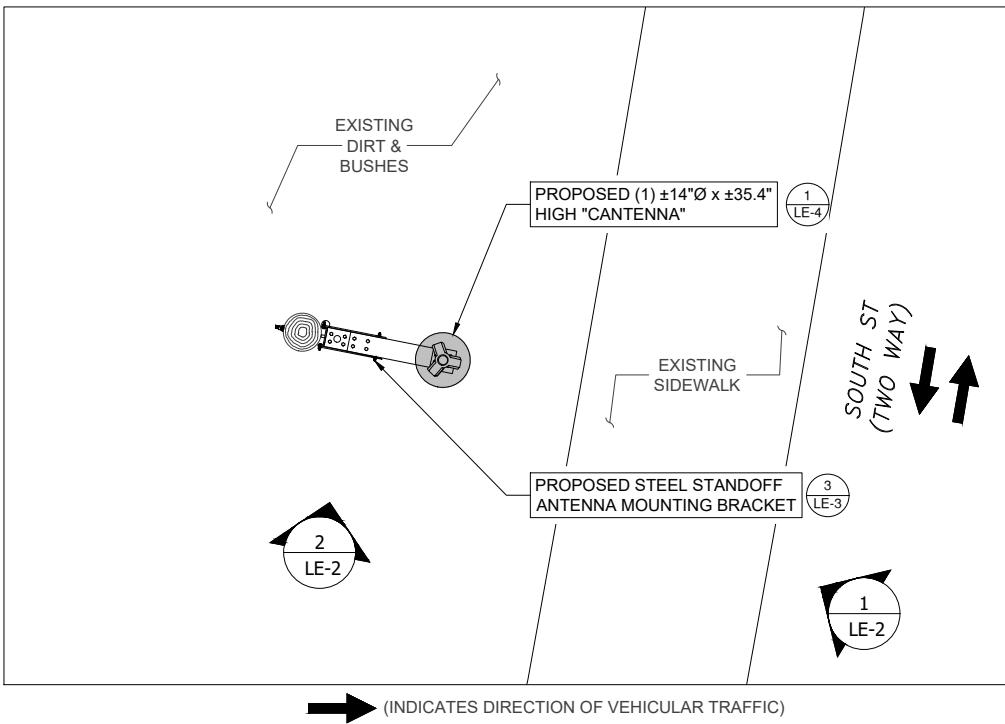


**ISSUE STATUS**

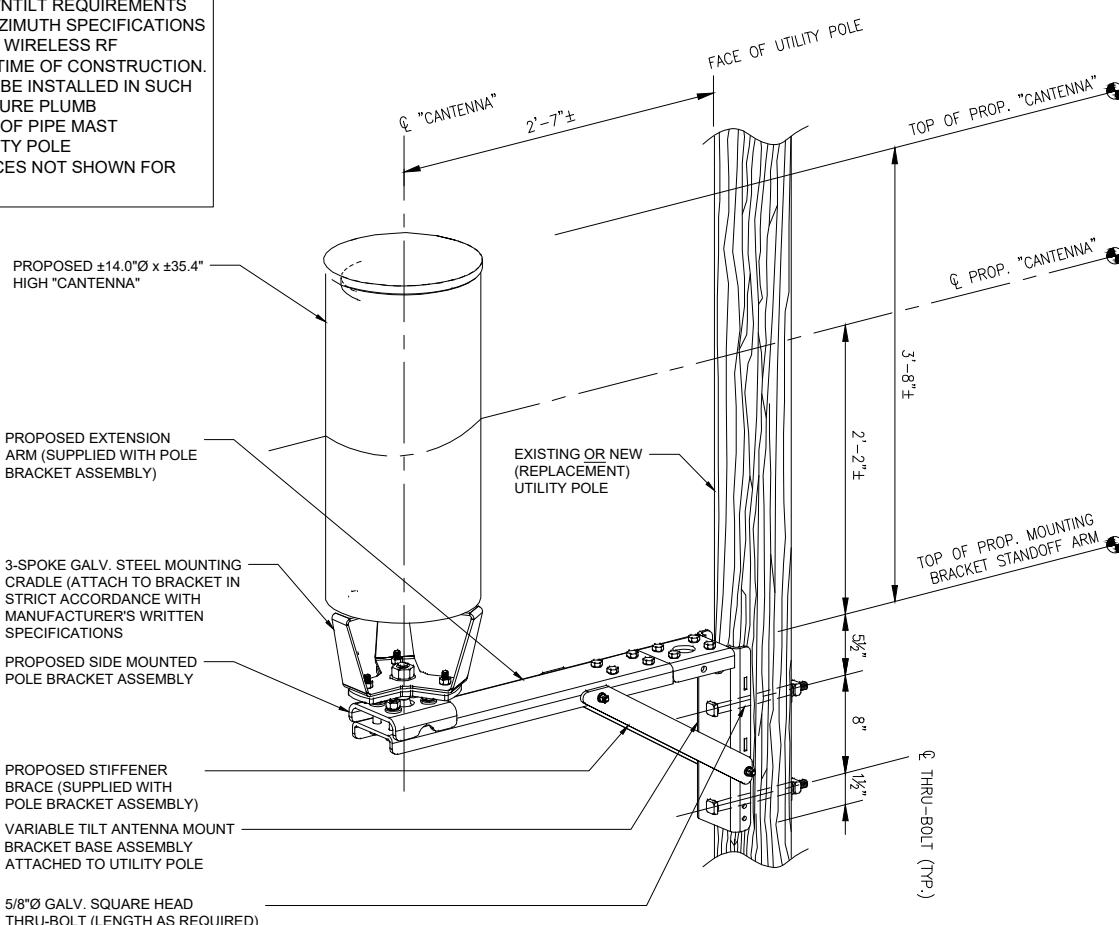
REV	DATE	DESCRIPTION	BY
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**MD7**  
MD7 LLC  
10590 West Ocean Av Dr, Suite 300  
San Diego, CA 92130  
858.964.7439

**verizon**

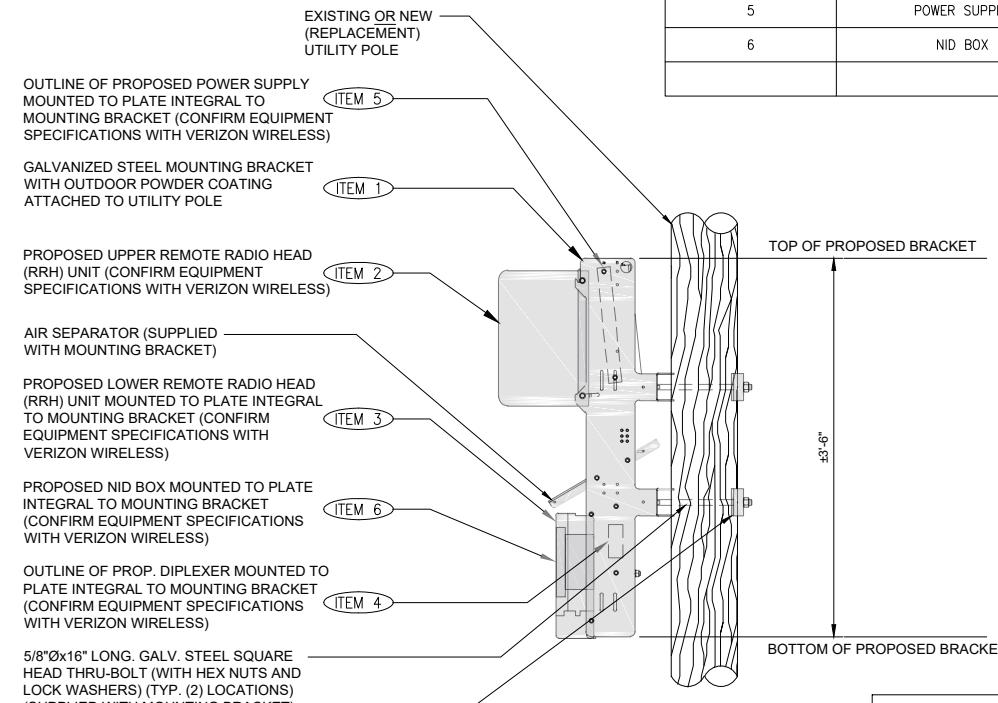

**ANTENNA ORIENTATION PLAN**

NOTES:  
1. CONFIRM DOWNTILT REQUIREMENTS (IF ANY) AND AZIMUTH SPECIFICATIONS WITH VERIZON WIRELESS RF ENGINEER AT TIME OF CONSTRUCTION.  
2. MOUNT SHALL BE INSTALLED IN SUCH A WAY TO ENSURE PLUMB INSTALLATION OF PIPE MAST  
3. EXISTING UTILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.


**ANCILLARY EQUIPMENT ORIENTATION PLAN**

NOTES:  
1. EXISTING UTILITY POLE APPURTENANCES NOT SHOWN FOR CLARITY.

ITEM ID (SEE DETAIL)	DESCRIPTION	WEIGHT (lbs)
1	MOUNTING BRACKET	32.2±
2	UPPER RRH UNIT	102.5±
3	LOWER RRH UNIT	21.4±
4	DIPLEXER	7.6±
5	POWER SUPPLY	25.6±
6	NID BOX	-
		TOTAL - 189.3± lbs (SAY 190 lbs)


**CANTENNA MOUNT DETAIL**

SCALE  
N.T.S.

**3**

**ANCILLARY EQUIPMENT MOUNTING BRACKET MOUNT DETAIL**

SCALE  
N.T.S.

**4**

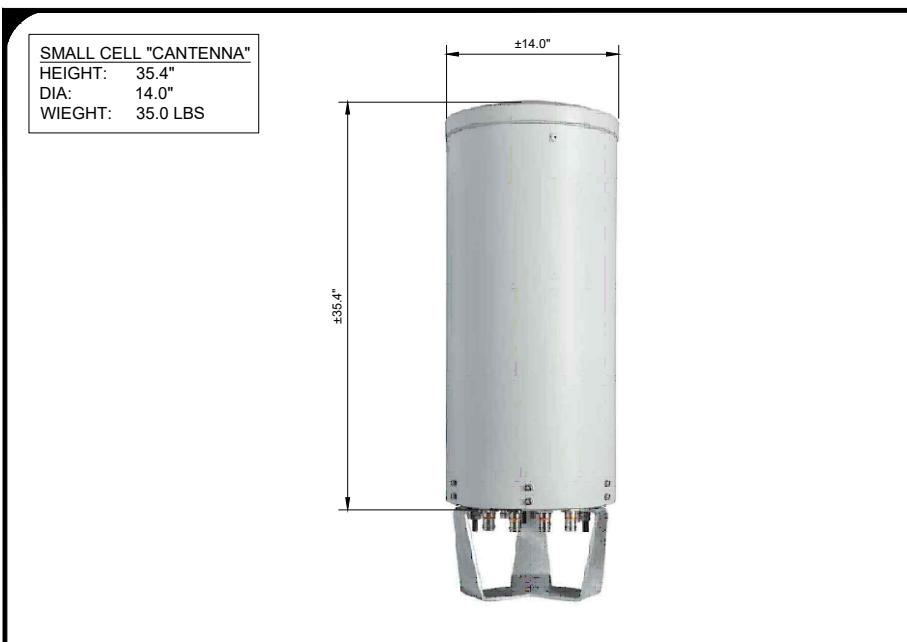
SHEET TITLE:  
ANTENNA & ANCILLARY  
EQUIPMENT ORIENTATION  
PLANS AND MOUNTING DETAILS

**LE-3**

LEASE EXHIBIT  
NOT FOR  
CONSTRUCTION

MEDFIELD\_SC25\_MA

345 SOUTH ST  
MEDFIELD, MA, 02052



**PANEL SCHEDULE**

VOLTAGE: 120/240V, 1Ø, 3-WIRE 100A  
MAIN CB: 2P/100A GND : 1 #4 CU  
TRANSFER LOAD CENTER IN NEMA 3R OUTDOOR ENCLOSURE

DESCRIPTION	BKR	CIR	CIR	BKR	DESCRIPTION
MAIN BREAKER	100 2	1 3	2 4	20 2	SURGE ARRESTOR
POWER DIST. UNIT	20 2	5 7	6 8	-	SPARE SPARE

**ANTENNA DETAIL** SCALE  
N.T.S. **1** ELECTRIC LOAD CENTER SCALE  
N.T.S. **2**

REMOTE RADIO HEAD UNIT:  
HEIGHT: 17.3"  
WIDTH: 17.3"  
DEPTH: 11.5"  
WEIGHT: 102.5 LBS

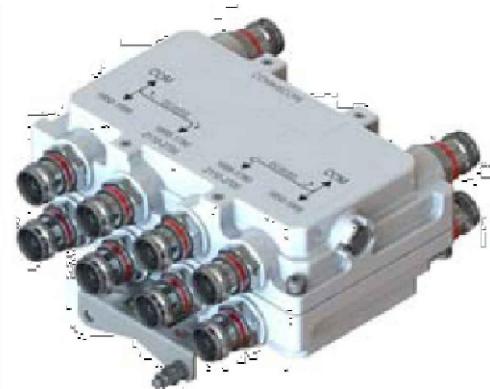


REMOTE RADIO HEAD UNIT:  
HEIGHT: 13.9"  
WIDTH: 9.8"  
DEPTH: 4.8"  
WEIGHT: 21.4 LBS



**TYPICAL REMOTE RADIO HEAD (RRH) UNIT DIMENSIONS** SCALE  
N.T.S. **3**

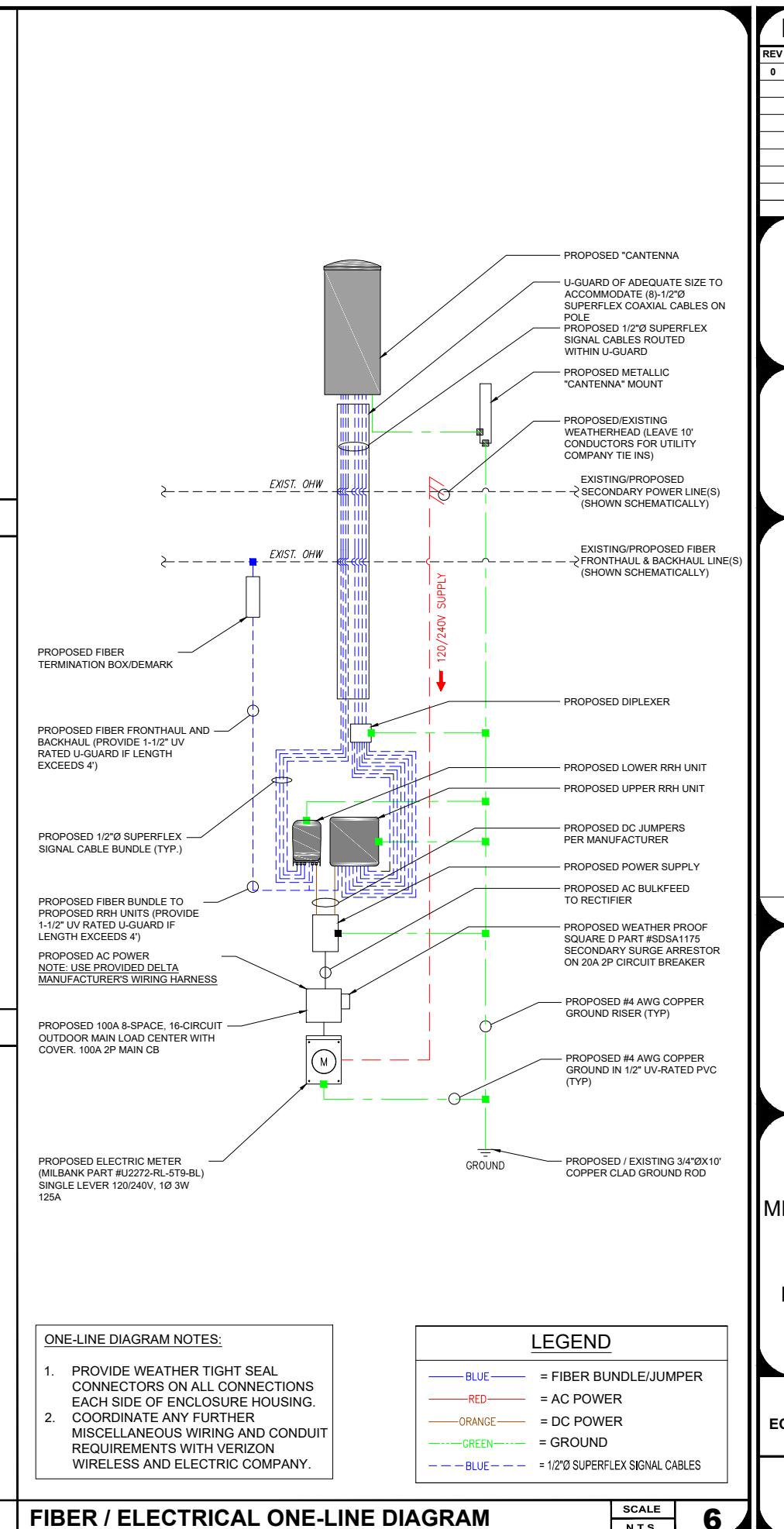
DIPLEXER:  
HEIGHT: 4.8"  
WIDTH: 7.9"  
DEPTH: 3.3"  
WEIGHT: 7.6 LBS



NID BOX:  
HEIGHT: 7.7"  
WIDTH: 7.7"  
DEPTH: 4.2"  
WEIGHT: N/A



**TYPICAL DIPLEXER DIMENSIONS** SCALE  
N.T.S. **4** TYPICAL NID BOX DIMENSIONS



**FIBER / ELECTRICAL ONE-LINE DIAGRAM** SCALE  
N.T.S. **5**

**ISSUE STATUS**

REV	DATE	DESCRIPTION	BY
0	12/23/2021	LEASE EXHIBIT	NB

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MD7 LLC  
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San Diego, CA 92130  
858-964-7439

**verizon**

**SMALL CELL PROJECT**  
**LEASE EXHIBIT**  
NOT FOR CONSTRUCTION

**MEDFIELD\_SC25\_MA**  
345 SOUTH ST  
MEDFIELD, MA, 02052

**SHEET TITLE:**  
ANTENNA & ANCILLARY EQUIPMENT SPECIFICATIONS AND ONE LINE DIAGRAM

**LE-4**

**ORDER FOR POLE ATTACHMENT**

**UNDER MGL c. 166, §§ 22 and 25A**

By the Board of Selectmen of the Town of Medfield, Massachusetts

Notice having been given and public hearing held, as provided by law,

**IT IS HEREBY ORDERED:**

That Cellco Partnership d/b/a Verizon Wireless (“Verizon”) be and is hereby granted a location for and permission to install and maintain telecommunications wires and wireless attachments and appurtenances, including fiber optic cable, remote nodes and pole-top antenna, to be attached to an existing Eversource / Verizon utility pole located in the Public Right of Way within the Town of Medfield, as substantially shown on the plans filed with said Petition for MEDFIELD\_SC25\_MA.

The foregoing permission is subject to the following conditions:

**See Plans filed with this order.**

There may be attached to said pole:

- Antenna;
- Remote Radio Head(s);
- Mounting Brackets;
- Overhead Wires;
- Conduit;
- Cable;
- Diplexer;
- Meter;
- Converter;
- Disconnect; and
- Each sustaining and protecting fixtures as it may find necessary.

I hereby certify that the foregoing was adopted at a meeting of the Board of Selectmen of the Town of Medfield, Massachusetts, held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

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Town Clerk

We hereby certify that on \_\_\_\_\_, 2022, at \_\_\_\_ o'clock \_\_M., at Medfield, Massachusetts, a public hearing was held on the petition of Cellco Partnership d/b/a Verizon Wireless for permission to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #115 described in the order herewith recorded, and that we mailed written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the way or parts of ways upon which said Company is permitted to install a small cell wireless antenna, and the necessary sustaining and protecting fixtures on utility pole #115 under said order and that thereupon said order was duly adopted.

Board of Selectmen of the Town of Medfield,  
Massachusetts:

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#### **CERTIFICATE**

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with notice adopted by the Board of Selectmen of the Town of Medfield, Massachusetts, on the \_\_\_\_ day of\_\_\_\_, 2022 and recorded with the records of location orders of said Town, Book \_\_\_\_, Page \_\_\_\_\_. This certified copy is made under the provisions of Chapter 166 of the General Laws and any additions thereto or amendments thereof.

Attest:

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Town Clerk

APPLICATION AND POLE ATTACHMENT LICENSE

Licensee Pittsfield Cellular Telephone Company, a Massachusetts general partnership d/b/a Verizon Wireless  
 Street Address One Verizon Way, Mail Stop 4AW100  
 City, State and Zip Basking Ridge, NJ 07920  
 Date 2/1/22

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for a license to make 1 attachments to poles and 1 Power Supply(ies) and 0 other attachments located in the municipality of Medfield, Norfolk County in the State of Massachusetts.

This request will be designated **Pole Attachment License Application Number** Medfield SC25. Attached are my power supply specifications if applicable. The cable's strand size is 1/2" diameter and weight per foot of cable is 0.14 lb per foot (Superflex)

Communication Space

Power / Supply Space

Licensee's Name (Print) Kristen Prentice

Signature Kristen Nickerson Prentice

NSTAR d/b/a EVERSOURCE

Power Company Title RE Specialist

Tel. No. 508-389-3380

Fax No. N/A

E-mail kristen.prentice@verizonwireless.com

\*\*\*\*\*For licensor use, do not write below this line\*\*\*\*\*

Pole Attachment License Application Number \_\_\_\_\_ is hereby granted to make the attachments described in this application to 1 attachments to JO<sup>1</sup> poles, \_\_\_\_\_ attachments to FO<sup>2</sup> poles, \_\_\_\_\_ attachments to JU<sup>3</sup> poles, \_\_\_\_\_ Power Supplies and \_\_\_\_\_ other attachments located in the municipality of \_\_\_\_\_, in the State of \_\_\_\_\_ as indicated on the attached

Form 3.

Licensor's Name (Print) Richard A. Comeau

Signature Richard A. Comeau

(AGREEMENT ID #) Title Manager – Distribution Engineering, Single Pole Administration

Date 5/2/2022

Tel. No. \_\_\_\_\_

**The Licensee shall submit an original copy of this application to Verizon New England Inc. and NSTAR Electric Company d/b/a EVERSOURCE ENERGY.**

## APPENDIX IV

### Form 2

#### AUTHORIZATION FOR FIELD SURVEY WORK

Licensee: Pittsfield Cellular Telephone Company, a Massachusetts general partnership d/b/a Verizon Wireless

In accordance with Article III & Appendix I of the Pole Attachment Agreement, following is a summary of the charges which will apply to complete a field survey covering Pole Attachment License Application Number Medfield SC25 in the municipality of Medfield, Norfolk County in the State of Massachusetts.

#### **FIELD SURVEY CHARGES**

<u>Field Survey</u>	<u>#Poles</u>	<u>Unit Rate</u>	<u>Total</u>
Field Survey Application Fee (includes 1st pole)	1 pole	\$139.00	\$ <u>139.00</u>
Field Survey 2 -200 Poles	<u>1</u>	\$ <u>13.45</u> per Pole	\$ _____
Additional Travel Time*	_____	\$ <u>200.00</u> per Day	\$ _____
<b>TOTAL Charges</b>			\$ <u>139.00</u>

\* Based on average of 75 poles surveyed per day, add \$200.00 travel time for each additional day required to complete survey.

Please note, if you calculated the cost incorrectly, your check will be returned and a new check for the correct amount must be received by this office in order to schedule the survey. If you need assistance, please call the **HOTLINE on (800) 641-2299**.

The required field survey covering Pole Attachment License Application # Medfield SC25 is authorized. I am enclosing an advance payment in the amount of \$ 139.00.

Licensee's Name (Print) Kristen Prentice

Signature \_\_\_\_\_

Title RE Specialist

Address 900 Chelmsford St

Tel. No. 508-330-8480

Date 2/4/22

## **APPENDIX IV – Form 3**

### FORM 3 Definitions

**SURVEYORS:** Name of Representative attending Survey from VERIZON, EVERSOURCE, and Licensee

**Date of Survey :** Date Survey is performed

## **CWO#:** NSTAR's Custom Work Order Number

**Munic:** Municipality where pole is located **State:** State in which pole is located

**Licensee Name:** Name of Company or Entity applying for Pole Attachments

**Exch Code: Verizon's Exchange Code** = the Exchange in which the Municipality is located.

**Munic Code:** EVERSOURCE'S Municipality Code = the code for the Municipality in which the pole is located (tax purposes).

**Application #:** The number of the Licensee's Application = sequentially numbered by municipality.

**ELCO NAME:** The name of the Electric (power) Company in whose service area the pole is located.

**Location:** List each individual pole (ONE POLE PER LINE) you wish to attach to (multiple sheets may be used) and provide the following:

**Street, Route, Circuit # and other information which indicates location of poles.**

Indicate location by providing name of street, highway, route, etc., e.g., South Street, north of (N/O) Jones Road. Private Property Poles should be identified as such e.g., P.P. (Lead off pole 1234 South).

Pole #:

**ATT:** **Type of Attachment:** F = Fiber    C= Copper or Coaxial    P.S. = Power Supply    Riser = Riser Pole

**Ownership:** JO = Joint Owned 50%-50% Tel-Elco, JU = Joint Use - 100% Tel or 100% Elco, FO = 100% Fully owned by Tel or Elco (Other company not on pole)

**Charge:** **Y or N** = **Y** = Yes, there are make ready charges, **N** = **No**, there are no make ready charges to the Applicant.

**Work Description:** Short description of work operations required.

**Task #** should also be included and is defined as the number of the task or tasks required for make ready work.

## FIELD SURVEY / MAKE READY WORK FORM

SURVEYORS:			DATE OF SURVEY:						CWO #:				
Verizon			MUNIC:			STATE:			Exch Code:	Munic Code:			
<b>Licensee</b>			LICENSEE NAME: Verizon Wireless						LICENSEE APPLICATION #: Medfield SC25				
<b>Eversource</b>			ELCO NAME:						EVERSOURCE APPLICATION #				
LOCATION			POLE #	ATT	OWNERSHIP				CHARGE		WORK DESCRIPTION		
TEL RTE / STREET NAME <i>List one pole per line</i>	Tel	El	F/C P.S. Riser	J.O.		J.U.		F.O.		YES	NO	TASK #S / REMARKS	* Height of Att.
				Tel	El	Tel	El	Tel	El				
South St	21/115	115	115		X								*
													*
													*
													*
													*
													*
													*
													*
													*
													*
TOTALS:					1								

- \* Height of Attachment = Height of Licensee Attachment shall be 40" below ELCO MGN unless otherwise noted here by Verizon and Eversource surveyor.
- \* Licensee to complete bold italicized areas only. (Provide ownership information if known)