

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

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, 4th Floor
Worcester, MA 01609
M: 508.269.0172
Paula.foley@verizonwireless.com

MEDFIELD_SC25_MA
CLUSTER: MEDFIELD

UTILITY POLE #115
345 SOUTH ST
MEDFIELD, MA, 02052

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
658 964 7439

verizon

SMALL CELL PROJECT

LEASE EXHIBIT
NOT FOR
CONSTRUCTION

MEDFIELD_SC25_MA

345 SOUTH ST
MEDFIELD, MA, 02052

SHEET TITLE:

LOCATION PLAN /
AERIAL IMAGE

LE-1



LOCATION PLAN / AERIAL VIEW

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

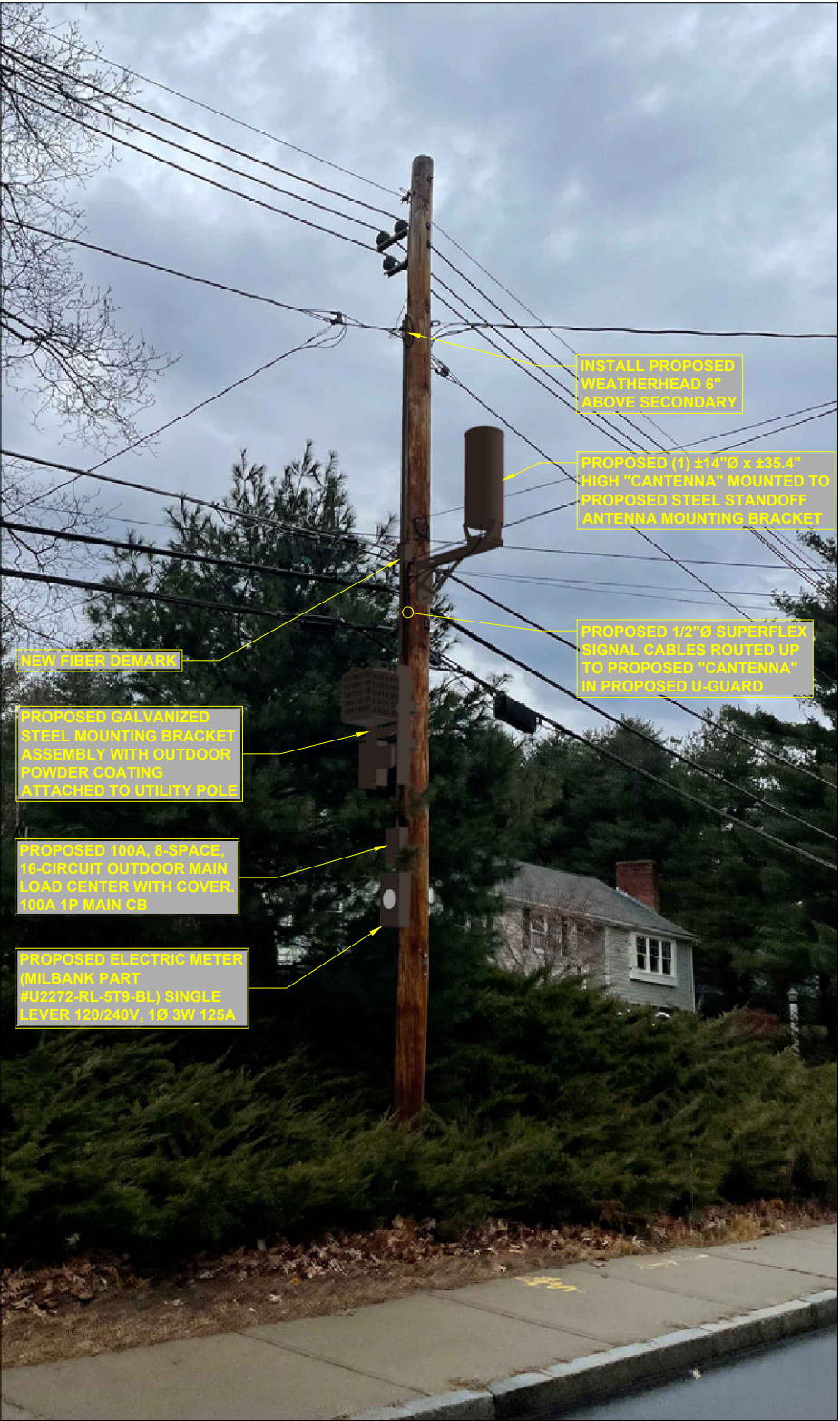
SHEET

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

DESCRIPTION

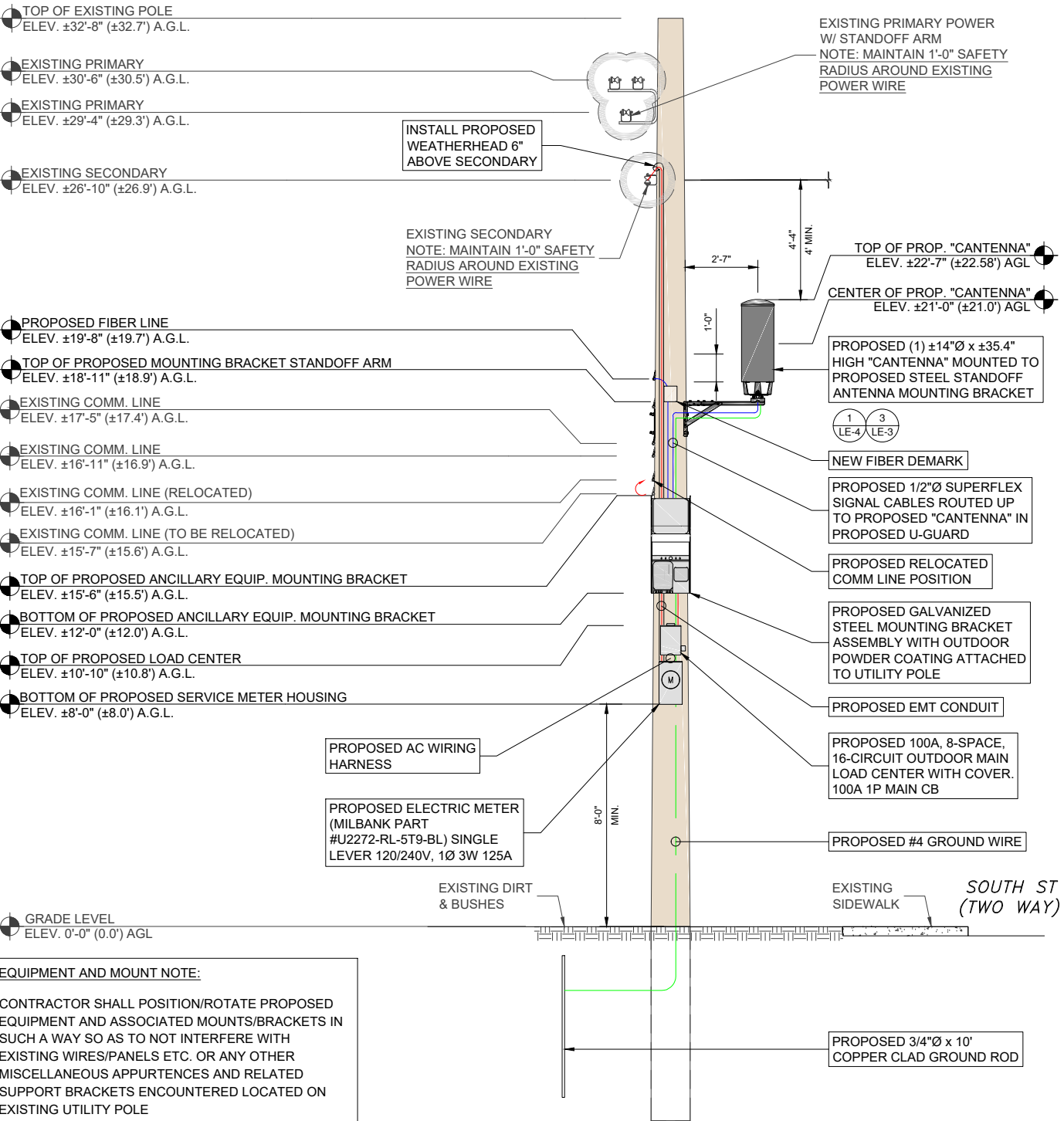
GENERAL NOTES:

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/BACKET 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.



EQUIPMENT AND MOUNT NOTE:

CONTRACTOR SHALL POSITION/ROTATE PROPOSED EQUIPMENT AND ASSOCIATED MOUNTS/BRACKETS IN SUCH A WAY SO AS TO NOT INTERFERE WITH EXISTING WIRES/PANELS ETC. OR ANY OTHER MISCELLANEOUS APPURTENANCES AND RELATED SUPPORT BRACKETS ENCOUNTERED LOCATED ON EXISTING UTILITY POLE

ISSUE STATUS

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



SMALL CELL PROJECT

LEASE EXHIBIT
NOT FOR
CONSTRUCTION

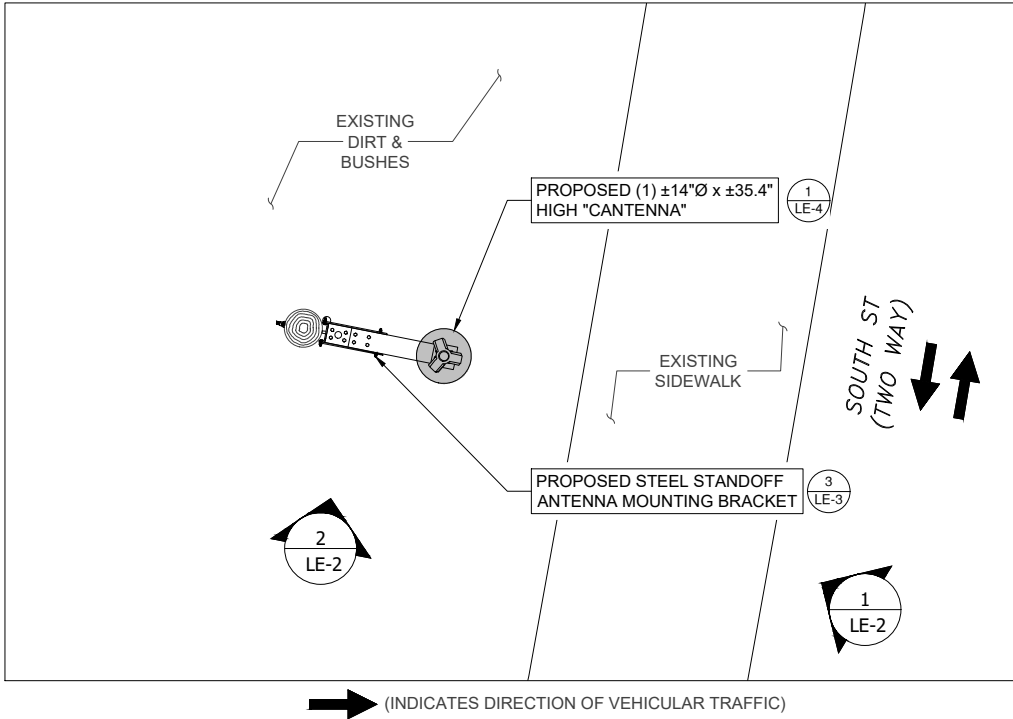
MEDFIELD_SC25_MA

345 SOUTH ST
MEDFIELD, MA, 02052

SHEET TITLE:
UTILITY POLE
PHOTOGRAPH AND
ELEVATION

LE-2

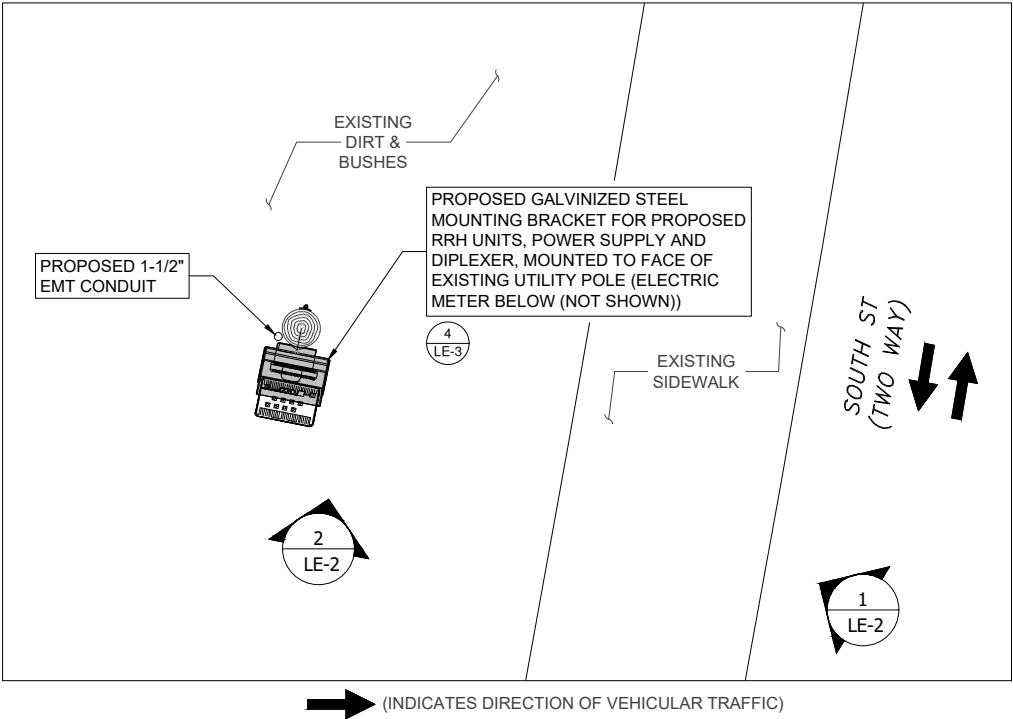
NOTE: THE ORIGINAL SIZE OF THIS DRAWING IS 36" X 36". SCALE INDICATED NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.



ANTENNA ORIENTATION PLAN

0 6" 1' 2' SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)

1

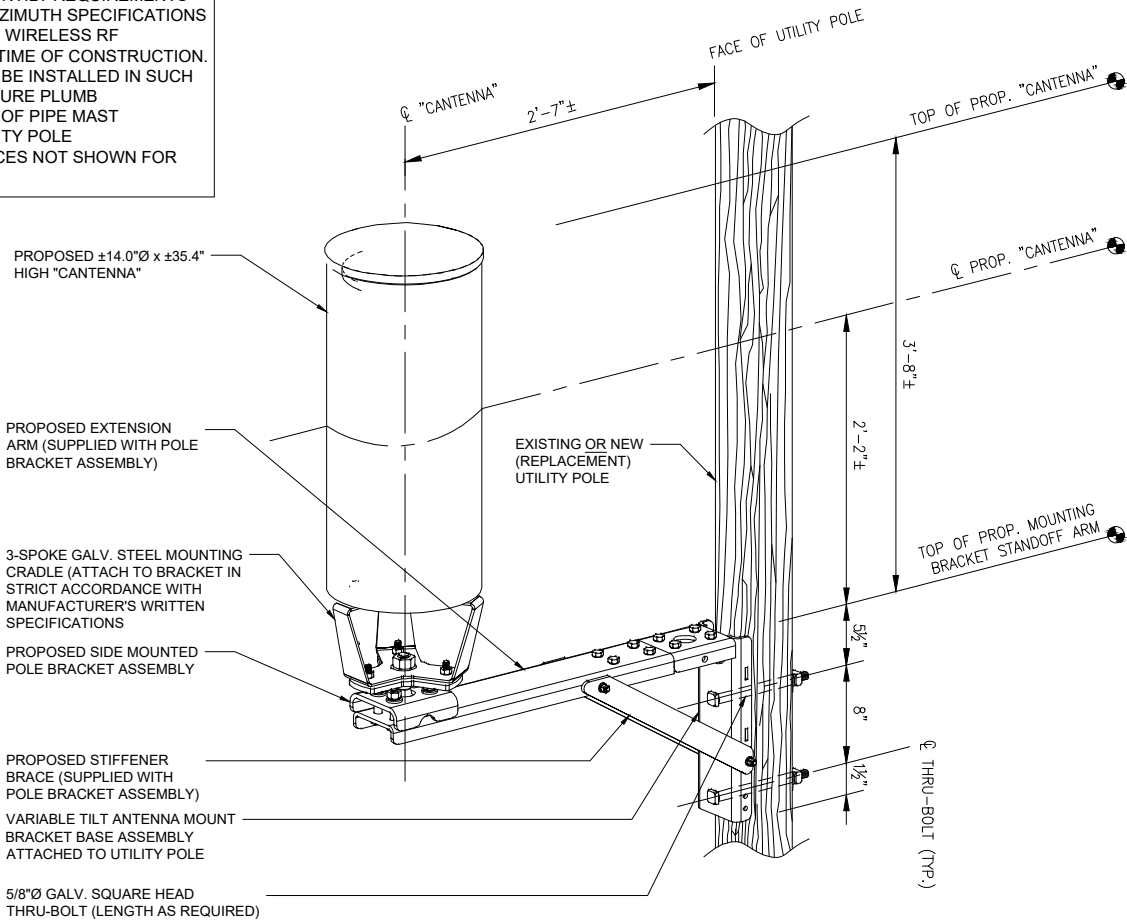


ANCILLARY EQUIPMENT ORIENTATION PLAN

0 6" 1' 2' SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)

2

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

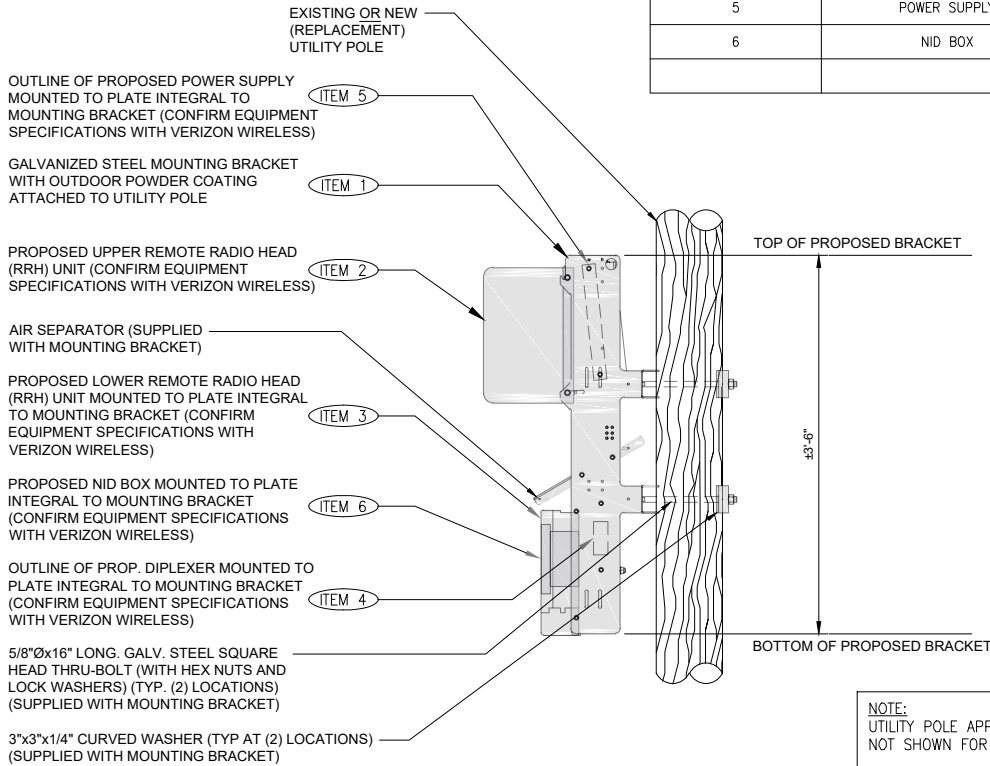


CANTENNA MOUNT DETAIL

SCALE
N.T.S.

3

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



ANCILLARY EQUIPMENT MOUNTING BRACKET MOUNT DETAIL

SCALE
N.T.S.

4

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
658 964 7439

verizon

SMALL CELL PROJECT

LEASE EXHIBIT
NOT FOR
CONSTRUCTION

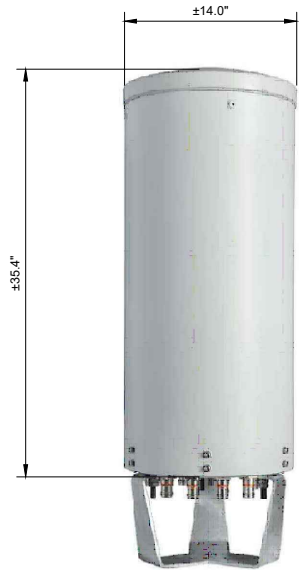
MEDFIELD_SC25_MA

345 SOUTH ST
MEDFIELD, MA, 02052

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

LE-3

SMALL CELL "CANTENNA"
HEIGHT: 35.4"
DIA: 14.0"
WIEGHT: 35.0 LBS



PANEL SCHEDULE

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

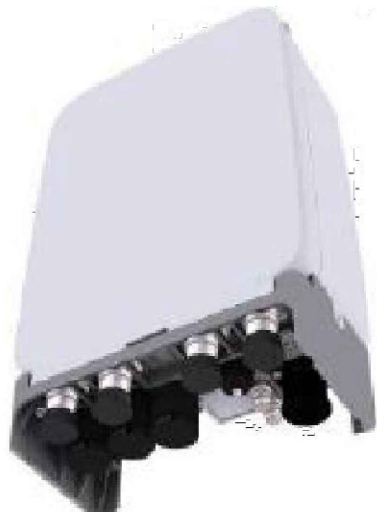
SCALE
N.T.S.

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

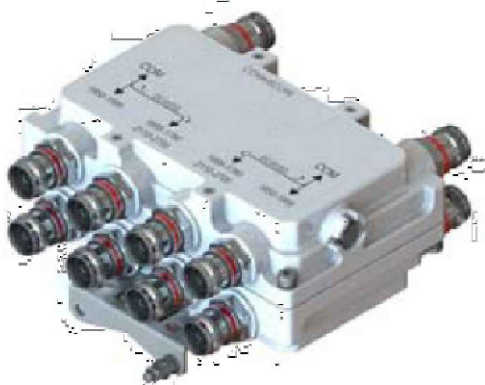


TYPICAL REMOTE RADIO HEAD (RRH) UNIT DIMENSIONS

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

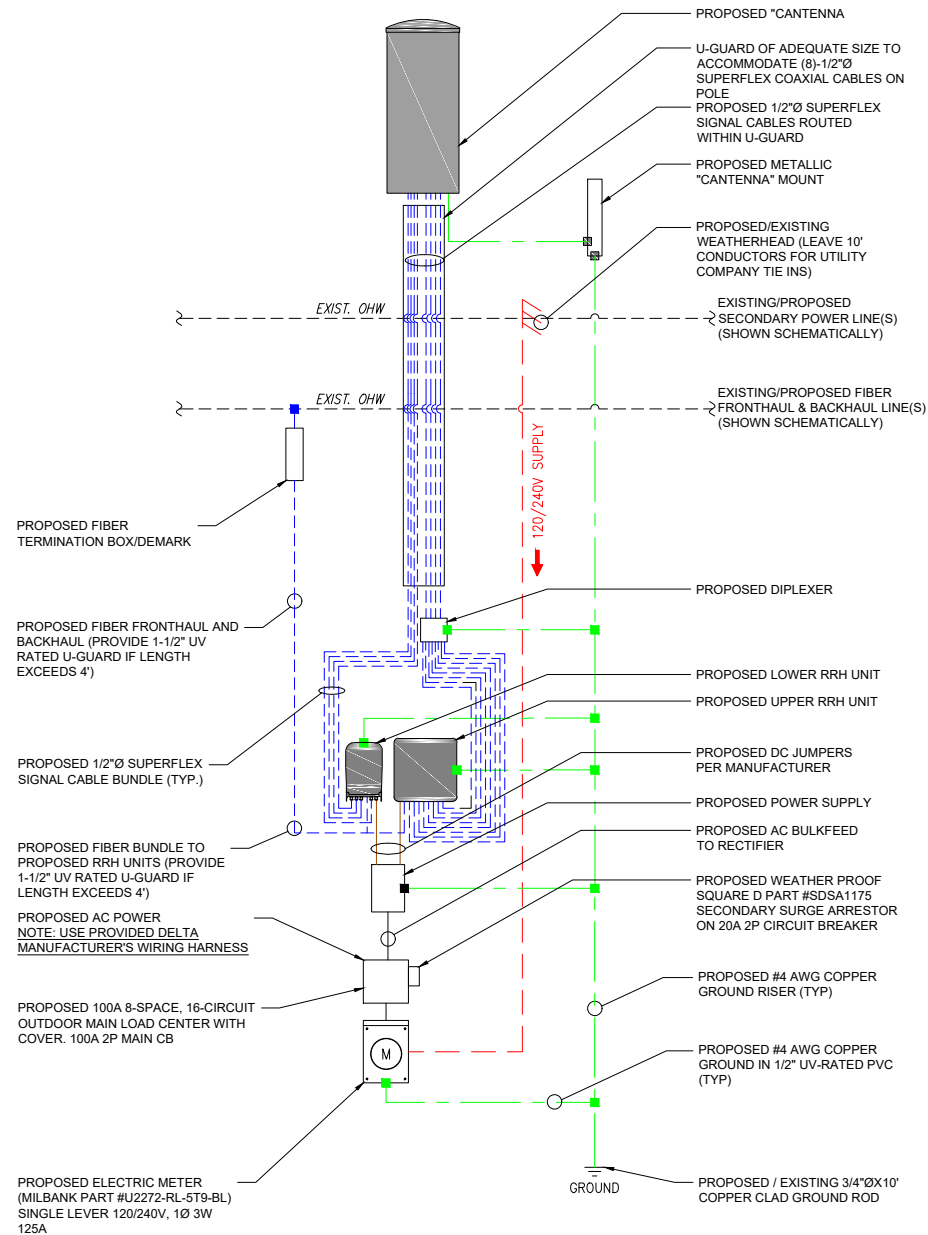
SCALE
N.T.S.

5

FIBER / ELECTRICAL ONE-LINE DIAGRAM

SCALE
N.T.S.

6



ONE-LINE DIAGRAM NOTES:

1. PROVIDE WEATHER TIGHT SEAL CONNECTORS ON ALL CONNECTIONS EACH SIDE OF ENCLOSURE HOUSING.
2. COORDINATE ANY FURTHER MISCELLANEOUS WIRING AND CONDUIT REQUIREMENTS WITH VERIZON WIRELESS AND ELECTRIC COMPANY.

LEGEND

— BLUE —	= FIBER BUNDLE/JUMPER
— RED —	= AC POWER
— ORANGE —	= DC POWER
— GREEN —	= GROUND
— BLUE —	= 1/2" SUPERFLEX SIGNAL CABLES

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
619 564 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

NOTE: THE ORIGINAL SIZE OF THIS DRAWING IS 11" X 17". SCALE RATIOS ARE NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.

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.

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:

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:

Town Clerk

APPENDIX IV

VZW Site Ref: Medfield_SC25_MA

Form 1

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 SpaceLicensee's Name (Print) Kristen Prentice

Signature

Kristen Nickerson PrenticeNSTAR d/b/a EVERSOURCE

Power Company

Title RE SpecialistTel. No. 508-389-3380Fax No. N/AE-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 JO¹ poles, _____ attachments to FO² poles, _____ attachments to JU³ 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 AdministrationDate 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 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 #:

Tel = Telephone Company pole #

El= Electric Company 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.

RCE to Complete: Total Poles Surveyed _____ Total Poles Requiring Eversource Make-Ready _____

Appendix IV Form 3

FIELD SURVEY / MAKE READY WORK FORM

SURVEYORS:				DATE OF SURVEY:						CWO #:				
Verizon				MUNIC:						STATE:				
Licensee				LICENSEE NAME: Verizon Wireless						Exch Code: Munic Code:				
Eversource				ELCO NAME:						LICENSEE APPLICATION #: Medfield SC25				
										EVERSOURCE APPLICATION #				
LOCATION		POLE #		ATT	OWNERSHIP						CHARGE		WORK DESCRIPTION	
TEL RTE / STREET NAME		Tel	El	F/C	J.O.		J.U.		F.O.		YES	NO	TASK #S /	* Height
<i>List one pole per line</i>				P.S.	Tel	El	Tel	El	Tel	El			REMARKS	of Att.
South St 21/115		115	115			x								* 22'7"
														*
														*
														*
														*
														*
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)