

Daniel F. Caruso
Chairman

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
Internet: ct.gov/csc

April 16, 2007

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-019-070328** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at Brown Road, Brooklyn, Connecticut.

Dear Attorney Baldwin:

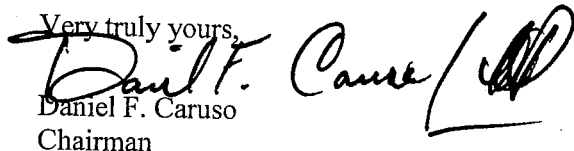
At a public meeting held on April 10, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated March 28, 2007, including the placement of all necessary equipment and shelters within the tower compound. 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, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to 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. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

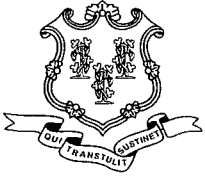
Thank you for your attention and cooperation.

Very truly yours,


Daniel F. Caruso
Chairman

DFC/MP/laf

c: The Honorable Roger Engle, First Selectman, Town of Brooklyn
Chester Dobrowski, Zoning Enforcement Officer, Town of Brooklyn
National Grid
Christopher B. Fisher, Esq., Cuddy & Feder LLP
Christine Farrell, T-Mobile



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Daniel F. Caruso
Chairman

April 3, 2007

The Honorable Roger Engle
First Selectman
Town of Brooklyn
Town Hall
P.O. Box 356
Brooklyn, CT 06234-0356

RE: **EM-VER-019-070328** - Celco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at Brown Road, Brooklyn, Connecticut.

Dear Mr. Engle:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for April 10, 2007 at 1:30 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

If you have any questions or comments regarding this proposal, please call me or inform the Council by noon on April 10, 2007.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/MP

Enclosure: Notice of Intent

c: Chester Dobrowski, Zoning Enforcement Officer, Town of Brooklyn

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

EM-VER-019-070328

March 28, 2007

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RECEIVED
MAR 28 2007

CONNECTICUT
SITING COUNCIL

Re: **Notice of Exempt Modification
Brown Road, Brooklyn, Connecticut**

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") intends to install antennas on the existing 150-foot self-supporting monopole tower owned by National Grid Wireless off Brown Road in Brooklyn, Connecticut. Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, and pursuant to Siting Council directive a copy of this letter is being sent to Brooklyn First Selectman, Roger Engle and to Carolyn Mary Harrison, Successor Trustee, the owner of the property on which the tower is located.

The National Grid Wireless facility consists of a 150-foot self-supporting monopole tower capable of supporting multiple carriers within a fenced compound off Brown Road in Brooklyn. The Siting Council approved the shared use of this tower by AT&T at the 147-foot level and by T-Mobile at the 137-foot level on the tower. To date, AT&T has not installed its antennas. Cellco intends to install twelve (12) panel-type antennas at the 127-foot level on the tower and place a 12' x 30' equipment shelter at the base of the tower within the fenced compound. Attached behind Tab 1 are Project Plans for the proposed Cellco facility.

The planned modifications to the Brooklyn facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).



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ROBINSON & COLE_{LLP}

S. Derek Phelps

March 28, 2007

Page 2

1. The proposed modification will not increase the overall height of the existing tower. Cellco's antennas will be mounted with their centerline at the 127-foot level on the 150-foot tower.
2. The proposed installation of a 12' x 30' equipment shelter will not require an extension of the fenced compound or lease area.
3. The proposed installation will not increase the noise levels at the facility by six decibels or more.
4. The operation of the antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. The cumulative worst-case RF power density calculations for the AT&T, T-Mobile and Cellco antennas would be 22.81% of the FCC standard. A copy of cumulative power density calculations table is attached behind Tab 2.

Also attached, behind Tab 3, is a Structural Analysis Report confirming that the existing tower can support the existing and proposed antennas and associated equipment.

For the foregoing reasons, Cellco respectfully submits that the proposed antenna installation at the facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Attachments

Copy to:

Roger Engle, Brooklyn First Selectman
Carolyn Mary Harrison, Successor Trustee
Sandy M. Carter



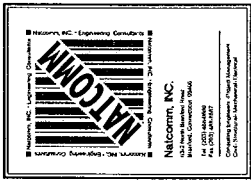
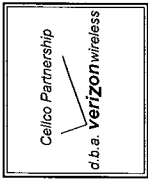
Cellco Partnership

d.b.a. **verizon** wireless

WIRELESS COMMUNICATIONS FACILITY

**DANIELSON WEST
LOT #31
BROWN ROAD
BROOKLYN, CT 06234**

NO.	DATE	DESCRIPTION



DANIELSON WEST
LOT #31
BROWN ROAD
BROOKLYN, CT 06234

PROJECT NO: 06144
DRAWN BY: DEB
CHECKED BY: CFC
SCALE: AS NOTED
DATE: 03/14/07

TITLE SHEET

T-1
DWG. 1 OF 2

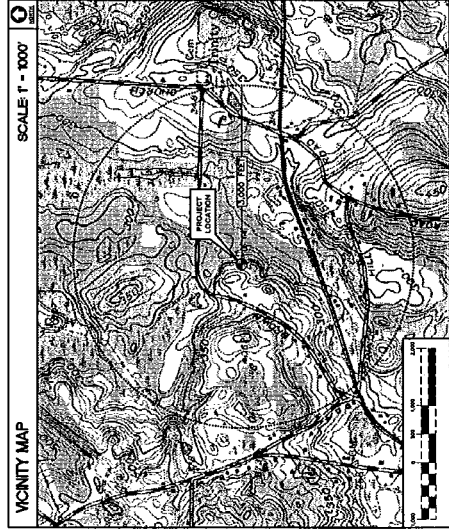
PROJECT SUMMARY

SITE NAME: DANIELSON WEST
 SITE ADDRESS: LOT #31 BROWN ROAD BROOKLYN, CT 06234
 SITE LOCATION: LATITUDE 41°-47'-24.4" N, LONGITUDE 72°-54'-11.4" W, LOT 31 TOWARD PROVIDENCE, BROWN ROAD, BROOKLYN, CT 06234
 COORDINATES AND ELEVATION PROVIDED BY VERIZON
 PROPERTY OWNER: CAROLYN WILLY HARRISON SUCCESSOR TRUSTEE WALLINGFORD, CT 06492
 LESSEE/TENANT: CELCO PARTNERSHIP 200 WEST 31ST STREET NEW YORK, NY 10001
 CONTACT PERSON: CELCO PARTNERSHIP (866) 863-6219
 ASSESSOR'S PARCEL NO.: MAP 34, LOT 31
 FLOOD ZONE: N/A

SITE DIRECTIONS

FROM: 89 EAST RIVER ROAD EAST HARTFORD, CONNECTICUT TO: LOT #31 BROWN ROAD BROOKLYN, CONNECTICUT

- START OUT GOING EAST ON E RIVER DR.
- MAKE RIGHT TURN ON E RIVER DR. ON THE LEFT TOWARD BOSTON.
- MAKE RIGHT TURN ON E RIVER DR. ON THE LEFT TOWARD PROVIDENCE.
- TURN SLIGHT LEFT ONTO US-9 / CT-96. CONTINUE TO FOLLOW US-9 E.
- TURN SLIGHT LEFT ONTO INTO RD.
- END AT LOT #31 BROWN RD.



SHEET INDEX

BHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	00
C-1	COMPOUND PLAN AND ELEVATION	00

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY VERIZON WIRELESS.

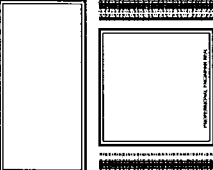
PROJECT SCOPE

- THE PROPOSED SCOPE OF WORK GENERALLY INCLUDES THE INSTALLATION OF A 12'x30' PRE-ENGINEERED WIRELESS EQUIPMENT STRUCTURE WITH TWO (2) 12'x30' WIRELESS COMMUNICATIONS COMPANES.
- TWELVE (12) PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED ON THE STRUCTURE. ANTENNAS SHALL BE MOUNTED AT A MAX CENTER ELEVATION OF 127' ABOVE GRADE LEVEL.
- ELECTRIC AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND TO THE STRUCTURE. ALL UTILITIES SHALL BE IDENTIFIED AND MARKED PRIOR TO CONSTRUCTION. ALL UTILITIES SHALL BE MARKED LOCATED WITHIN THE PROPOSED COMPANES.

Table with columns: NO., REVISIONS, DATE, BY, DESCRIPTION. Row 1: 00, ISSUED, 12/13/07, CFC, REVISED FOR CONSTRUCTION.

Cellco Partnership
d.b.a. Verizon Wireless

NATCON
National Communications Corporation
NATCON, INC.
120 North Main Street, Suite 200
East Granby, CT 06026
(860) 253-6600
Fax: (860) 253-6601
www.natcon.com
Contracting Solutions for the Communications Industry

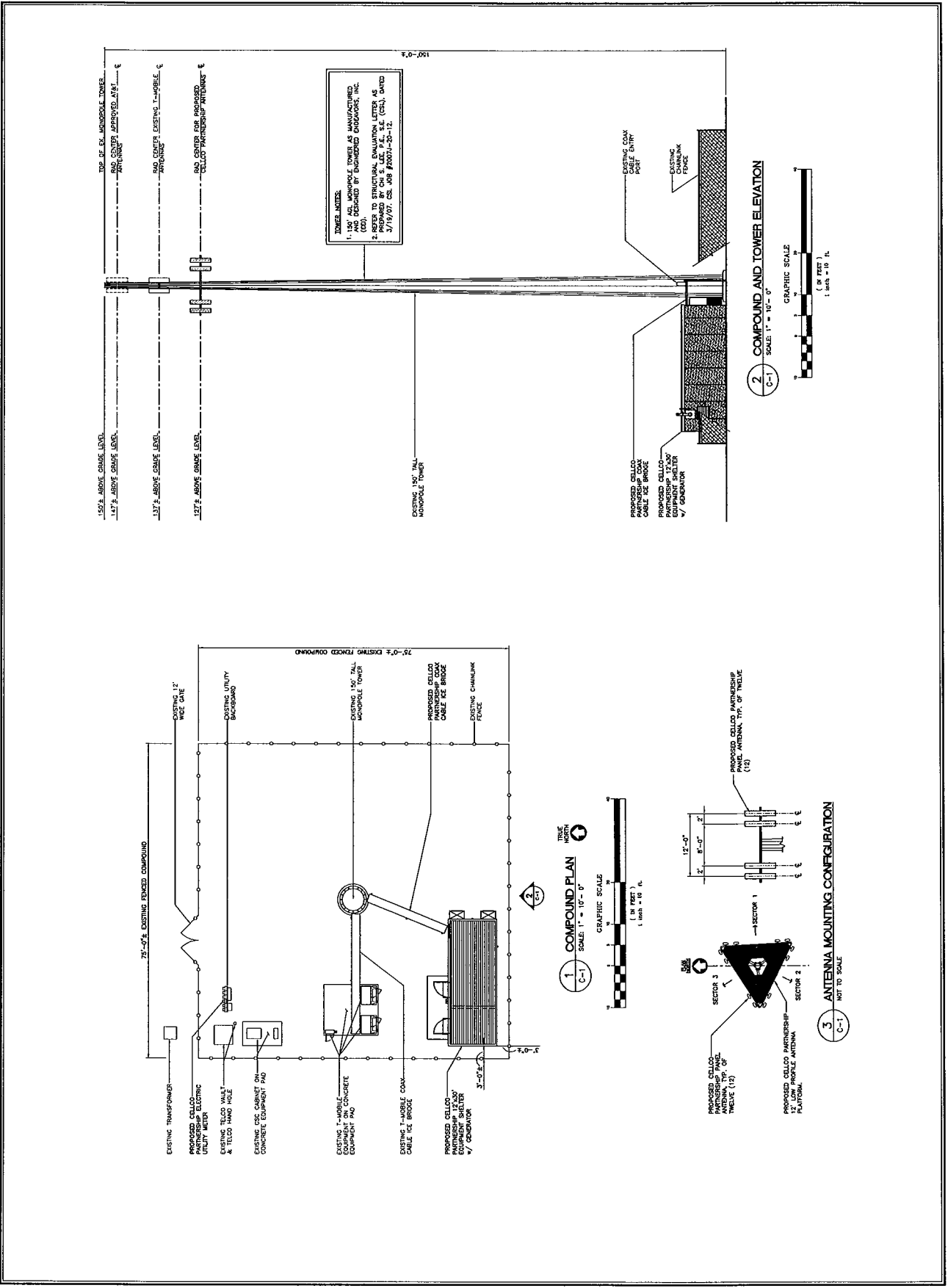


DANIELSON
WEST
LOT 433
BROWN ROAD
BROOKLYN, CT 06224

PROJECT NO: 08144
DRAWN BY: DEB
CHECKED BY: CFC
SCALE: AS NOTED
DATE: 09/14/07

COMPOUND
PLAN AND
ELEVATION

C-1
DWG. 2 OF 2



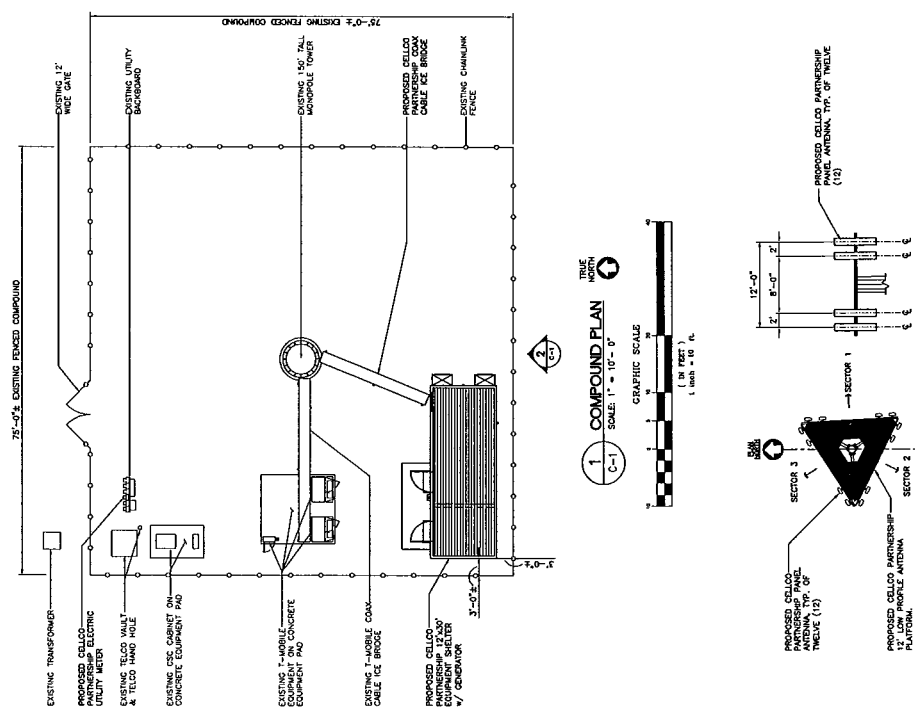
150.0' ABOVE GRADE LEVEL
147.8' ABOVE GRADE LEVEL
137.8' ABOVE GRADE LEVEL
127.8' ABOVE GRADE LEVEL
TOP OF EX. MONOPOLE TOWER
RAD CENTER APPROVED ANTENNA
RAD CENTER EXISTING T-MOBILE ANTENNA
RAD CENTER FOR PROPOSED CELLCO PARTNERSHIP ANTENNA

TOWER NOTES:
1. 150' TALL MONOPOLE TOWER AS MANUFACTURED AND DESIGNED BY ENHANCED ENGINEERS, INC. (EEN) IS TO BE STRUCTURAL EVALUATION LETTER AS PREPARED BY CH 2, LLC, S.E., S.E. (CSC) DATED 3/19/07, SEE JOB #2007-30-12.

1
C-1
COMPOUND PLAN
SCALE: 1" = 10' - 0"
GRAPHIC SCALE
1 inch = 10 ft.

2
C-1
COMPOUND AND TOWER ELEVATION
SCALE: 1" = 10' - 0"
GRAPHIC SCALE
1 inch = 10 ft.

3
C-1
ANTENNA MOUNTING CONFIGURATION
NOT TO SCALE



	General	Power	Density						
Site Name: Danielson West									
Tower Height: Verizon @ 127Ft.									
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	CALC. POWER DENS	FREQ.	MAX. PERMISS. EXP.	FRACTION MPE	Total	
*AT&T	16	250	147	0.0666	1945	1.0000	6.66%		
*T-Mobile	8	393.4	137	0.0603	1930	1.0000	6.03%		
VZW	9	200	127	0.0401	875	0.5830	6.88%		
VZW	3	485	127	0.0324	1970	1.0000	3.24%		22.81%
* Source: Siting Council									

CHI S. LEE, P.E., S.E.

*** Specializing in Communications Structure Design & Analysis ***

5801 Lorraine Ave.
Sioux City, IA 51106
FAX & Phone No. (712) 276-2142
e-mail: chislee-pe@juno.com

March 19, 2007

Nicole McGowan
Project Manager
National Grid Wireless
80 Central Street
Boxborough, MA 01719

Re: 150' EEI Monopole for Site: Brooklyn, Windham Co., CT
(CSL Job #2007J-20-12)

Dear Ms. McGowan:

This letter is to confirm that the existing 150' Engineered Endeavors, Inc. (EEI) Monopole located at the Brooklyn, Windham Co., CT site is structurally adequate for supporting the following antennas at 85 mph fastest-mile wind speed per the TIA/EIA-222-F-1996 Standard and 105 mph 3-second gust wind speed per the International Building Code (IBC) 2003 and the current Connecticut Building Code with 1/2" radial ice (with wind load reduction and 1/3 increase in allowable stress taken):

Current antennas:

(3) EMS RR90-19-XXDPQ (72" x 12" x 4" each) with (3) 1-5/8" lines inside the pole at 137' for T-Mobile

Proposed antennas:

(6) LPA-80080-6CF (70.87" x 5.51" x 13.19") and (6) LPA-185080-12CF (71.1" x 4.1" x 5.9") on mounts with (12) 1-5/8" lines inside the pole at 127' for Verizon

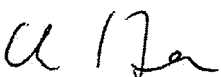
The original antennas per EEI of Mentor, OH Job #12401 dated 3-10-04 are as follows:

- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 148'
- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 140'
- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 130'
- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 120'
- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 110'
- (12) 4' panels on a 12' low profile platform with (12) 1-5/8" lines inside the pole at 100'

Since the sum of the current and proposed antenna loading is less than the original antenna loading designed by EEI in 2004, the existing monopole and foundation are structurally safe.

If you have any questions, please feel free to contact me.

Sincerely,



Chi S. Lee, P.E., S.E.
Connecticut P.E. Reg. No. 19283

