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

Daniel F. Caruso
Chairman

August 20, 2008

Steven Levine
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: **EM-CING-041-080722** – New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 135 Honey Hill Road, East Haddam, Connecticut.

Dear Mr. Levine:

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.

The proposed modifications are to be implemented as specified here and in your notice dated July 22, 2008, 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,

S. Derek Phelps FOL

S. Derek Phelps
Executive Director

SDP/MP/cm

c: The Honorable Mark B. Walter, First Selectman, Town of East Haddam
James Ventres, Land-Use Administrator, Town of East Haddam
American Tower

EM-CING-041-080722

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New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven J. Levine
Real Estate Consultant

ORIGINAL

RECEIVED
JUL 22 2008
CONNECTICUT
SITING COUNCIL

HAND DELIVERED

July 22, 2008

Honorable Daniel F. Caruso, Chairman,
and Members of the Connecticut Siting Council
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 135 Honey Hill Road, East Haddam (owner American Tower).

Dear Chairman Caruso and Members of the Council:

To enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("Cingular") plans to "dual band" the referenced site. This involves installing new antennas and associated equipment at the cell site to enable transmissions in the 850 MHz band as well as the 1900 MHz band.

Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in Cingular's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The height of the overall structure will not be affected. Modifications to the existing site include all or some of the following as necessary to bring the site into conformance with the plan:

- Replacement of existing panel antennas with new antennas of similar size, shape, and weight, or, installation of additional antennas of similar size, shape, and weight.
- Installation of small tower mount amplifiers ("TMA's") and/or diplexers to the platform on which the panel antennas are mounted to enhance signal reception.
- Installation of additional or larger coaxial cables as required.
- Installation of an additional equipment cabinet in existing shelters, or on existing or enlarged concrete pads.

None of these modifications will extend the height of the tower.

2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.

3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.

4. Radio frequency power density may increase due to the addition of the 850 MHz transmissions. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,

Steven L. Levine
Real Estate Consultant

Attachments

CINGULAR WIRELESS
Dual Banding Equipment Modification

135 Honey Hill Road, East Haddam
Site Number 5540
Former AT&T Site
Exempt Modification approved 3/25/03

Tower Owner/Manager: American Tower

Equipment Configuration: Monopole

Current and/or Approved: Three AWS 90162 Panel Antennas @ 120 ft c.l.
Six 1 ¼ inch coax cables

Planned Modifications: Remove existing antennas and ring mount
Install new low-profile platform
Install 6 Powerwave 7770 antennas (or equivalent) @ 120 ft
Install 6 TMA's and 6 diplexers @ 120 ft
Install six additional runs 1 ¼ inch coax cable

Power Density:

Worst-case calculations for existing wireless operations at the site indicate a radio frequency electromagnetic radiation power density, measured at ground level beside the tower, of approximately 27.3 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density following proposed modifications would be approximately 29.4 % of the standard.

Existing

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							24.76
Cingular GSM	120	1900 Band	4	250	0.0250	1.0000	2.50
Total							27.3%

* Per CSC records

Proposed

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							24.76
Cingular GSM	120	1900 Band	2	427	0.0213	1.0000	2.13
Cingular GSM	120	880 - 894	2	296	0.0148	0.5867	2.52
Total							29.4%

* Per CSC records

Structural information:

The attached structural analysis demonstrates that the tower and foundation have sufficient structural capacity to accommodate the proposed modifications. (American Tower, 6/50/08)

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New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
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Steven L. Levine
Real Estate Consultant

July 22, 2008

Honorable Mark B. Walter
1st Selectman, Town of East Haddam
Town Office Bldg. 7 Main Street
East Haddam, CT 06423

Re: Telecommunications Facility – 135 Honey Hill Road, East Haddam

Dear Mr. Walter:

To enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("Cingular") plans to "dual band" the referenced site to enable transmissions in the 850 Mhz band as well as the 1900 MHz band. This involves changing Cingular's equipment configuration at the site.

As required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review Cingular's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes Cingular's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine
Real Estate Consultant

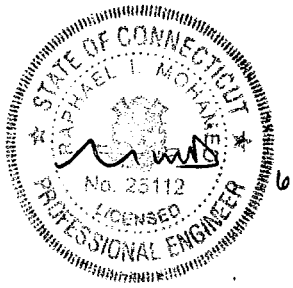
Enclosure

AMERICAN TOWER

Structural Analysis Report

Structure	:	**150 ft Summit Monopole**
ATC Site Name	:	**East Haddam, CT**
ATC Site Number	:	**302527**
Proposed Carrier	:	**AT&T Mobility**
Carrier Site Name	:	**East Haddam**
Carrier Site Number	:	**FA #10071007**
County	:	**Middlesex**
Eng. Number	:	**42042921**
Date	:	**June 5, 2008**
Usage	:	**41%**
Portholes Required	:	**No**

Submitted by:
David Johnson, E.I.
Design Engineer



6/9/08

American Tower Engineering Services
400 Regency Forest Drive
Cary, NC 27518
Phone: 919-468-0112

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 150 ft Summit Monopole located at 135 Honey Hill Road, East Haddam, CT 06423, Middlesex County (ATC site #302527). The tower was originally designed and manufactured by Summit (Drawing #15188, dated September 24, 2001).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition.

Basic Wind Speed:	90.0 mph (Fastest Mile) / 110.0 mph (3-Second Gust)
Radial Ice:	78.0 mph (Fastest Mile) w/ ½" ice
Code:	TIA/EIA-222-F / 2003 International Building Code (IBC) w/ 2005 CT Supplements & 2008 CT Amendments

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
150.0	9	48" x 12" Panel	Low Profile Platform	(9) 1 5/8	Sprint Nextel
	3	72" x 12" Panel		(3) 1 5/8	
140.0	12	Decibel DB980F65E-M	(3) Round T-Arm	(24) 1 5/8	
130.0	12	Decibel DB844H90E-XY	Flat Low Profile Platform	(12) 1 5/8	Verizon
	1	Lucent KS-24019	Low Profile Platform	(1) 1 conduit	
65.0	1	GPS	Round Side Arm	(1) 1/2	Sprint Nextel

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
120.0	9	72" x 12" Panel	Low Profile Platform	(9) 1 5/8	AT&T Mobility
	3	14" x 9" TTA		--	
	3	Powerwave 7770.00		(3) 1 5/8	
	6	Powerwave LGP 21902		--	
	6	Powerwave LGP 17201		--	

Install proposed coax inside monopole.

Results

The maximum structure usage is: 41%

Additional exit and/or entry ports may be required to accommodate the running of the proposed lines to the proposed antennas. These additional ports **may not** be installed without installation drawings providing the location, size and welding requirements of each port.

To ensure compliance with all conditions of this structural analysis, port installation drawings shall be provided by American Tower's Engineering Department under a subsequent project.

Pole Reactions	Original Design Reactions	Current Analysis Reactions	% Of Design
Moment (ft-kips)	9,100.0	3,615.3	40
Shear (kips)	69.0	35.1	51

The structure base reactions resulting from this analysis are acceptable when compared to the reactions shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Conclusion

Based on the analysis results, the structure meets the requirements per TIA/EIA-222-F and 2003 IBC standards w/ 2005 CT Supplements & 2008 CT Ammendments. The tower and foundation can support the existing and proposed antennas with the TX line distribution as described in this report.

If you have any questions or require additional information, please call 919-463-6281.

Standard Conditions

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

-- Information supplied by the client regarding the structure itself, the antenna and feed line loading on the structure and its components, or other relevant information.

-- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

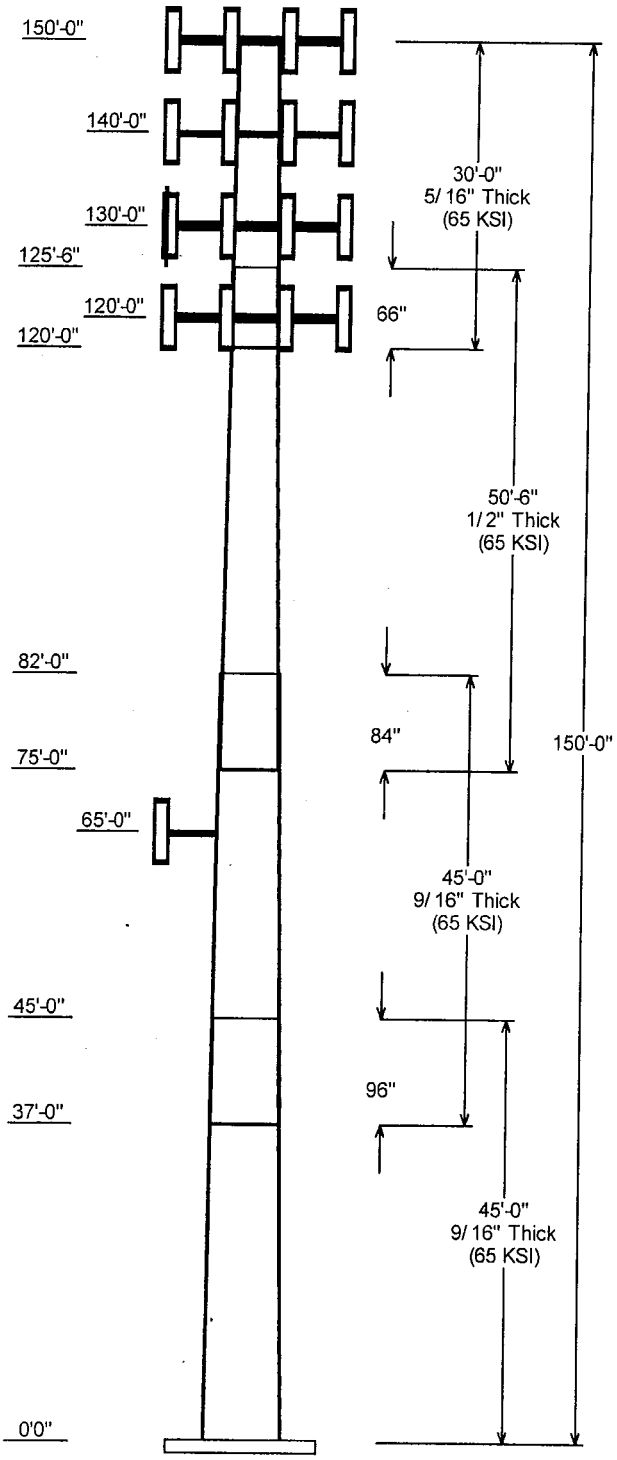
It is the responsibility of the client to ensure that the information provided to ATC Engineering Services and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and are in an un-corroded condition and have not deteriorated; and we, therefore, assume that their capacity has not significantly changed from the "as new" condition.

All services will be performed to the codes specified by the client, and we do not imply to meet any other codes or requirements unless explicitly agreed in writing. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/EIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Engineering Services is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.

Job Information

Pole :	302527	Code: TIA/EIA-222 Rev F	
Description :	150' Summit Monopole		
Client :	AT&T Mobility		
Location :	East Haddam, CT		
Shape :	18 Sides	Base Elev (ft):	0.00
Height :	150.00 (ft)	Taper:	0.253625(in/ft)



Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
1	45.000	60.786	72.200	0.563		0.000	0.253625	65
2	45.000	52.527	63.940	0.563	Slip Joint	96.000	0.253625	65
3	50.500	42.495	55.303	0.500	Slip Joint	84.000	0.253625	65
4	30.000	36.906	44.515	0.313	Slip Joint	66.000	0.253625	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	150.000	1	Flat Low Profile Platform
150.000	150.000	9	48" x 12" Panel
150.000	150.000	3	72" x 12" Panel
140.000	140.000	3	Round T-Arm
140.000	140.000	12	Decibel DB980F65E-M
130.000	130.000	1	Flat Low Profile Platform
130.000	130.000	12	Decibel DB844H90E-XY
130.000	130.000	1	Lucent KS-24019
120.000	120.000	3	Powerwave 7770.00
120.000	120.000	9	72" x 12" Panel
120.000	120.000	6	Powerwave LGP 21902
120.000	120.000	6	Powerwave LGP 17201
120.000	120.000	3	14" x 9" TTA
120.000	120.000	1	Flat Low Profile Platform
65.000	65.000	1	GPS
65.000	65.000	1	Round Side Arm

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	65.000	1/2" Coax	No
0.000	120.00	1 5/8" Coax	No
0.000	130.00	1 5/8" Coax	No
0.000	130.00	1" Conduit	No
0.000	140.00	1 5/8" Coax	No
0.000	150.00	1 5/8" Coax	No

Load Cases

No Ice	90.00 mph Wind with No Ice
Ice	77.94 mph Wind with Ice

Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
No Ice	3615.26	35.07	64.67
Ice	3001.30	28.51	72.18