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-030-080707** – New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 330 Middletown Road, Columbia, 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 3, 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

S. Derek Phelps
Executive Director

SDP/MP/cm

c: The Honorable Donald P. Cianci, First Selectman, Town of Columbia
Carl S. Fontneau, Town Planner, Town of Columbia
American Tower

EM-CING-030-080707

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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 L. Levine
Real Estate Consultant

ORIGINAL

HAND DELIVERED

July 3, 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 330 Middletown Road, Columbia (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).

ORIGINAL

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

330 Middletown Road, Columbia
Site Number 5864
Former AT&T Site
Exempt Modification approved 2/11/02

Tower Owner/Manager: American Tower

Equipment Configuration: Monopole

Current and/or Approved: Three AWS90162 Panel Antennas @ 150 ft c.l.
Six TMA's @ 150 ft
Six 1 5/8 inch coax cables

Planned Modifications: Remove existing antennas and TMA's
Install six Powerwave 7770 antennas (or equivalent) @ 150 ft
Install six new TMA's and six diplexers @ 150 ft
Install additional six runs 1 5/8 inch coax

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 30.8 % 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 32.2% 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 *							29.25
Cingular GSM	150	1900 Band	4	250	0.0160	1.0000	1.60
Total							30.8%

* 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 *							29.25
Cingular GSM	150	1900 Band	2	427	0.0136	1.0000	1.36
Cingular GSM	150	880 - 894	2	296	0.0095	0.5867	1.61
Total							32.2%

* 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, 6/5/08)

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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 3, 2008

Honorable Donald P. Cianci
1st Selectman, Town of Columbia
Yeomans Hall 323 Jonathan Trumbull Hwy, Route 87
Columbia, Connecticut 06237

Re: Telecommunications Facility – 330 Middletown Road, Columbia

Dear Mr. Cianci:

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™
CORPORATION

Structural Analysis Report

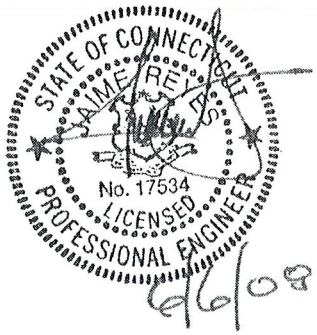
Structure	:	**148 ft Summit Monopole**
ATC Site Name	:	**Columbia Central, CT**
ATC Site Number	:	**302528**
Proposed Carrier	:	**AT&T Mobility** #5864
Carrier Site Name	:	**N/A**
Carrier Site Number	:	**N/A**
County	:	**Tolland**
Eng. Number	:	**42037222**
Date	:	**June 5, 2008**
Usage	:	**85.8% (Pole Shafts), 75% (Anchor bolts), and 63% (Base plate)**

Submitted by:
Ram Kodali, P.E.
Project Engineer

Ram Rao Kodali

American Tower Engineering Services
8505 Freeport Parkway
Suite 135
Irving, TX 75063
Phone: 972-999-8900

Reviewed by:
Jaime Reyes, P.E.
Director of Engineering



6/6/08

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 148 ft Summit Monopole located at Columbia Central, Tolland County, CT (ATC site # 302528). The tower was originally designed and manufactured by Summit (Job # 13998 dated May 2, 2001).

Analysis

The existing tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition. A 5% overstress is allowed in the existing structural members to account for program variances.

Basic wind speed:	85 mph (Fastest Mile) / Equivalent to a 105 mph 3-second gust wind speed per IBC 2003
Radial Ice:	73.61 mph (Fastest Mile) w/ 0.5" ice Concurrent
Standard/Code:	ANSI/TIA-222-F / IBC 2003 with 2005 CT Supplement

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax	Carrier
135.0	6	Decibel 948F65T2ZE-M	Low Profile Platform	(6) 1 5/8	Verizon
	6	DB844G65ZAXY		(6) 1 5/8	
120.0	9	48" x 12" Panel	Low Profile Platform	(12) 1 5/8	Sprint Nextel
	3	72" x 12" Panel			
108.0	12	Decibel DB980H90E-M	(3) Sector Frame	(12) 1 1/4	
75.0	1	GPS	(1) Side Arm	(1) 1/2	

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax	Carrier
150.0	9	72" x 12" Panel	Low Profile Platform	(12) 1 5/8	AT&T Mobility
	6	Powerwave LGP 21903			
	3	36" x 8" x 6" Panel			
	6	Powerwave LGP 21401			
	2	14" x 9" TTA			

The existing and the proposed transmission lines were considered running inside the pole shafts.

Results

The existing 148 ft Summit Monopole with the existing and the proposed antennas is structurally acceptable per TIA/EIA-222 Rev F standards. The maximum structure usage is: 85.8% (pole shafts), 75% (Anchor bolts), and 63% (Base plate).

Pole Reactions	Original Design Reactions	Current Analysis Reactions	% Of Design
Moment (ft-kips)	3,316.00	2,845.64	85.8
Shear (kips)	35.00	26.4	75.4

The structure base reactions resulting from the current analysis do not exceed the ones shown on the original structural drawings or calculations. Therefore, assuming the original foundation was designed correctly, the existing foundation should be adequate to support the new reactions. Therefore, no modification to the existing foundation will be required.

Conclusion

The existing monopole and its foundation were found to be adequate to support the existing and proposed antennas with the transmission line distribution as described above while meeting the requirements of the code or standard as specified in this report.

If you have any questions or require additional information, please call (972) 999-8900.

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:

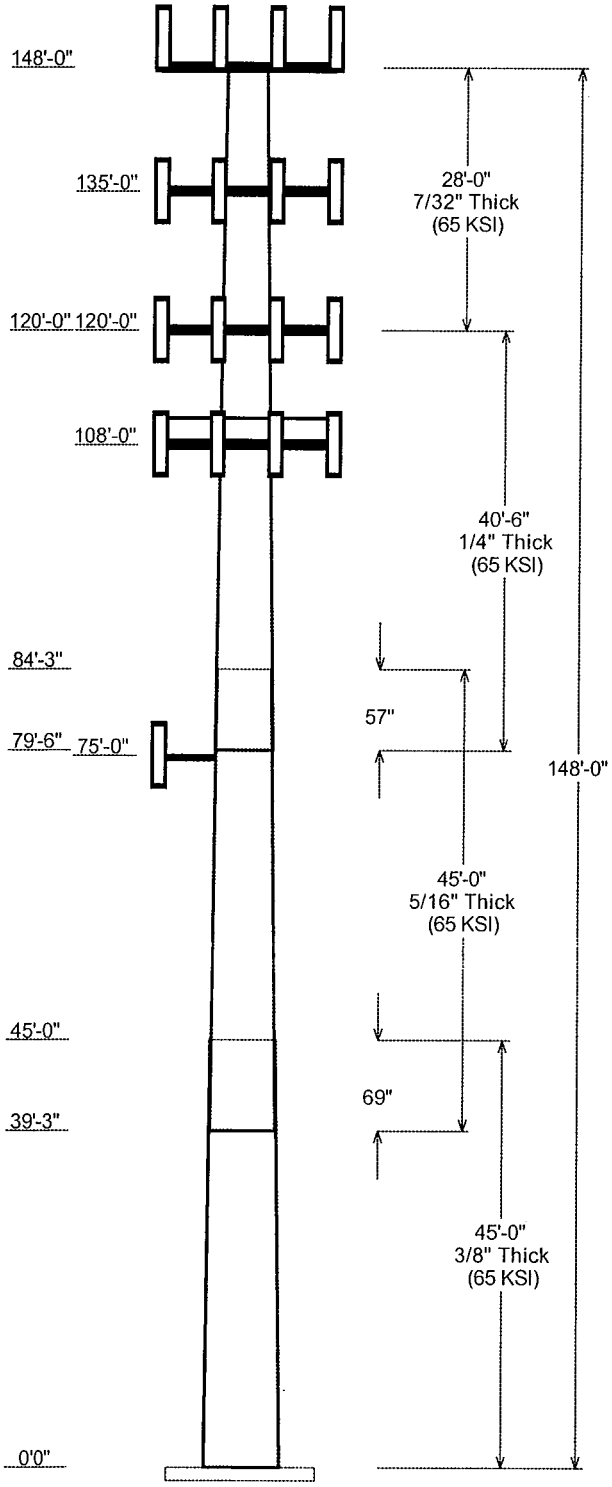
-- Information supplied by the client regarding the structure itself, the antenna and feed line loading on the structure and its components, or other relevant information.

-- 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 :	302528 Code: TIA/EIA-222 Rev F
Description :	148' Summit Monopole
Client :	AT&T Mobility
Location :	Columbia Central, CT
Shape :	18 Sides Base Elev (ft): 0.00
Height :	148.00 (ft) Taper: 0.181424(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	43.56	51.72	0.375		0.000	0.181424	65
2	45.000	37.06	45.23	0.313	Slip Joint	69.000	0.181424	65
3	40.500	31.08	38.42	0.250	Slip Joint	57.000	0.181424	65
4	28.000	26.00	31.08	0.219	Butt Joint	0.000	0.181424	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
148.000	150.000	9	72" x 12" Panel
148.000	150.000	6	Powerwave LGP 21903
148.000	150.000	3	36" x 8" x 6" Panel
148.000	150.000	6	Powerwave LGP 21401
148.000	150.000	2	14" x 9" TTA
148.000	150.000	1	Low Profile Platform
135.000	135.000	6	Decibel 948F65T2ZE-M
135.000	135.000	6	DB844G65ZAXY
135.000	135.000	1	Low Profile Platform
120.000	120.000	9	48" x 12" Panel
120.000	120.000	3	72" x 12" Panel
120.000	120.000	1	Low Profile Platform
108.000	108.000	12	Decibel DB980H90E-M
108.000	108.000	3	Sector Frame
75.000	75.000	1	GPS
75.000	75.000	1	Side Arm

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	75.000	1/2" Coax	No
0.000	108.0	1 1/4" Coax	No
0.000	120.0	1 5/8" Coax	No
0.000	135.0	1 5/8" Coax	No
0.000	148.0	1 5/8" Coax	No

Load Cases

No Ice	85.00 mph Wind with No Ice
Ice	73.61 mph Wind with Ice
Twist/Sway	50.00 mph Wind with No Ice

Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
No Ice	2845.64	26.40	32.09
Ice	2433.77	21.96	39.87
Twist/Sway	985.64	9.13	32.13

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
Twist/Sway	0.00	0.000	0.000