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

January 22, 2008

Thomas J. Regan, Esq.
Brown Rudnick Berlack Israels LLP
CityPlace I
185 Asylum Street
Hartford, CT 06103

RE: **EM-SPRINT-NEXTEL-080-071227** – Sprint Nextel Corporation notice of intent to modify an existing telecommunications facility located at 462 West Main Street, Meriden, Connecticut.

Dear Attorney Regan:

At a public meeting held on January 10, 2008, 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 December 27, 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/cm

c: Honorable Mark Benigni, Mayor, City of Meriden
Lawrence Kendzior, City Manager, City of Meriden
Dominick Caruso, City Planner, City of Meriden
Hunter Family L.P.

G:\EM\SPRINTNEXTEL\Meriden\dc011008.DOC

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

January 3, 2008

The Honorable Mark Benigni
Mayor
City of Meriden
City Hall
142 East Main Street
Room 124
Meriden, CT 06450

RE: **EM-SPRINT-NEXTEL-080-071227** – Sprint Nextel Corporation notice of intent to modify an existing telecommunications facility located at 462 West Main Street, Meriden, Connecticut.

Dear Mayor Benigni:

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 January 10, 2008, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

If you have any questions or comments regarding this proposal, please call me or inform the Council by January 9, 2008.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Dominick Caruso, City Planner, City of Meriden
Lawrence Kendzior, City Planner, City of Meriden

THOMAS J. REGAN
Direct Dial: (860) 509-6522
tregan@brownrudnick.com

BROWNRUDNICK
CityPlace I
185 Asylum
Street
Hartford
Connecticut
06103
tel 860.509.6500
fax 860.509.6501

Via Hand Delivery

December 27, 2007

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

RE: Sprint Nextel Corporation - Exempt Modification

Dear Mr. Phelps:

Enclosed for filing is Sprint Nextel Corporation's Notice of Exempt Modification for the addition of WiMAX antennas to an existing tower at 462 West Main Street, Meriden, Connecticut. I have also enclosed a check in the amount of $500.00 to cover the filing fee. If you have any questions, please feel free to contact me.

Very truly yours,

BROWN RUDNICK BERLACK ISRAELS LLP

By: Thomas J. Regan
Thomas J. Regan

City of Meriden via 1st Class Mail

40247255 v1 - MERCIECM - 025064/0015

CONNECTICUT SITING COUNCIL

EM-SPRINT-NEXTEL-080-071227

In re:

Sprint Nextel Corporation's Notice to Make an Exempt Modification to an Existing Facility at 462 West Main Street, Meriden, Connecticut	:	**EXEMPT MODIFICATION NO. _____** December 27, 2007

NOTICE OF EXEMPT MODIFICATION ORIGINAL

Pursuant to Conn. Agencies Regs. §§ 16-50j-73 and 16-50j-72(b), Sprint Nextel Corporation ("Sprint") hereby gives notice to the Connecticut Siting Council ("Council") and the City of Meriden of Sprint's intent to make an exempt modification to an existing monopole (the "Tower") located at 462 West Main Street, Meriden, Connecticut. Specifically, Sprint plans to remove three iDEN antennas from each sector of its current antenna platform and replace them with three WiMAX antennas. In one sector, Sprint also plans to replace the remaining three iDEN antennas with two new iDEN antennas. Under the Council's regulations (Conn. Agencies Regs. § 16-50j-72(b)), Sprint's plans do not constitute a modification subject to the Council's review because Sprint will not change the height of the Tower, will not extend the boundaries of the compound, will not increase the noise levels at the site, and will not increase the total radio frequency electromagnetic radiation power density at the site to levels above applicable standards.

Sprint is currently undertaking an upgrade to its wireless communications system in Connecticut. As part of the upgrade, Sprint is implementing WiMAX technology to enable enhanced wireless data communications. In order to accomplish the upgrade at this site, Sprint plans to replace three iDEM antennas with three WiMAX antennas on its existing antenna platform and install additional WiMAX-related electronic equipment at the base of the Tower.

BROWN RUDNICK
BERLACK ISRAELS LLP
CITYPLACE I
185 ASYLUM STREET
HARTFORD, CT 06103
(860) 509-6500

The Tower is a 150-foot monopole located at 462 West Main Street, Meriden, Connecticut (Latitude 41° 32' 24.10" N, Longitude 72° 49' 08.5" W). The Tower is owned by Hunter Family L.P. Currently, Sprint has twelve iDEN antennas on the Tower with an antenna centerline at 80 feet. The iDEN equipment is located at the base of the Tower within the existing equipment shelter. Other carriers also have antennas on the Tower. A site plan with the Tower specifications is attached.

Sprint plans to add three KMW-AM-X-WM-17-65-00T (WiMAX) antennas to the iDEN platform, keeping the same antenna centerline (80 feet) as the existing iDEN antennas. On one sector, the three remaining Decibel 844G65VTZASX (iDEN) antennas will be replaced with two Andrew RR65-12-05BL (iDEN) antennas. This installation will require six 1-5/8" diameter coaxial cables to be installed on the exterior of the Tower. To confirm the Tower can support these changes, Sprint commissioned URS Corporation to perform a structural analysis of the Tower (attached). According to the structural analysis, dated December 21, 2007, "the tower structure has the capacity to support the proposed loading conditions."

Sprint will also install a WiMAX equipment cabinet inside the existing iDEN equipment shelter. Hence, there will be no need to increase the size of the compound. In addition, Sprint plans to mount a global positioning system (GPS) antenna to the southern side of the existing equipment shelter. Further, excluding brief, minor, construction-related noise during the addition of the antennas and the installation of the equipment cabinet, Sprint's changes to the Tower will not increase noise levels at the site.

BROWN RUDNICK
BERLACK ISRAELS LLP
CITYPLACE I
185 ASYLUM STREET
HARTFORD, CT 06103
(860) 509-6500

The proposed changes to Sprint's existing antenna array will not adversely impact the health and safety of the surrounding community or persons working on the Tower. The total radio frequency exposure measured around the Tower will be well below the National Council

on Radiation Protection and Measurements' ("NCRP") standard adopted by the Federal Communications Commission ("FCC"). The worst-case power density analysis measured at the base of the Tower indicates that the WiMAX and iDEN antennas will emit 21.35% of the NCRP's standard for maximum permissible exposure. A cumulative power density analysis indicates that together, all of the antennas on the Tower will emit 88.36% of the NCRP's standard for maximum permissible exposure. Therefore, the power density levels will be below the FCC mandated radio frequency exposure limits in all locations around the Tower, even with extremely conservative assumptions. The power density analysis is attached.

In conclusion, Sprint's proposed plan to replace three iDEN antennas with three WiMAX antennas, replace one sector's three iDEN antennas with two new iDEN antennas, and add associated WiMAX equipment to the site does not constitute a modification subject to the Council's jurisdiction because Sprint will not increase the height of the Tower, will not extend the boundaries of the site, will not increase the noise levels at the site, and the total radio frequency electromagnetic radiation power density will stay within all applicable standards. *See* Conn. Agencies Regs. § 16-50j-72.

Sprint Nextel Corporation

By: _____

Michael E. Kozlik
Brown Rudnick Berlack Israels LLP
185 Asylum Street, CityPlace I
Hartford, CT 06103-3402
Email - mkozlik@brownrudnick.com
Phone - 860.509.6570
Fax - 860.509.6501

BROWN RUDNICK
BERLACK ISRAELS LLP
CITYPLACE I
185 ASYLUM STREET
HARTFORD, CT 06103
(860) 509-6500

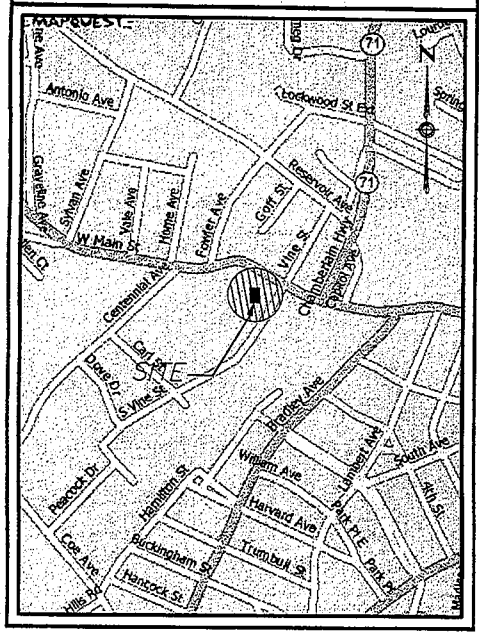
Sprint Nextel Corp.

WEST MERIDEN

CT01YC323/NCT4132

462 WEST MAIN STREET
MERIDEN, CONNECTICUT 06451

PROJECT INDEX **NO SCALE**



SHEET INDEX

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET – GENERAL NOTES AND LEGENDS
SC-1	COMPOUND PLAN
SC-2	TOWER ELEVATION

DRIVING DIRECTIONS

FROM 100 CORPORATE PLACE, ROCKY HILL, CT.:

START OUT GOING SOUTH ON CORPORATE PL TOWARD WEST ST. 0.1 MILES.

TURN LEFT ONTO WEST ST. <0.1 MILES

MERGE ONTO I-91 S TOWARD NEW HAVEN. 9.1 MILES

MERGE ONTO I-691 W VIA EXIT 18 TOWARD MERIDEN/WATERBURY. 2.4 MILES

TAKE THE LEWIS AVE EXIT- EXIT 6- TOWARD CT-71. 0.2 MILES

TURN RIGHT ONTO LEWIS AVE. 0.7 MILES

TURN RIGHT ONTO W MAIN ST / CT-71. CONTINUE TO FOLLOW W MAIN ST. 0.5 MILES

END AT 462 WEST MAIN STREET
TOTAL EST. TIME: 17 MINUTES TOTAL EST. DISTANCE: 13.28 MILES

PROJECT INDEX

SITE NUMBER:	CT01YC323/NCT4132
SITE NAME:	WEST MERIDEN
SITE ADDRESS:	462 WEST MAIN STREET MERIDEN, CT 06451
APPLICANT:	SPRINT NEXTEL CORP. 1 INTERNATIONAL BLVD. SUITE 800 MAHWAH, NJ 07495
CONTACT:	JASON DEIBERT (347) 284-8617
PROPERTY OWNER:	HUNTER FAMILY L.P. 462 WEST MAIN STREET MERIDEN, CONNECTICUT 06451
JURISDICTION:	CONNECTICUT SITING COUNCIL
LATITUDE:	41°-32'-24.1"
LONGITUDE:	72°-49'-08.5"

Sprint Nextel Corp.
1 INTERNATIONAL BLVD., SUITE 800
MAHWAH, NJ 07495

TRANSCEND WIRELESS, LLC
479 ROUTE 17 NORTH,
2ND FLOOR
MAHWAH, NJ 07430

A&E FIRM
URS CORPORATION AES
500 ENTERPRISE DRIVE, SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

NO.	DATE	REVISIONS	BY	CHK	APP'D
2	12/21/07	SITING COUNCIL	JES	PJS	AA
1	12/04/07	REVIEW	JES	PJS	AA

NOT TO SCALE | DESIGNED BY: PJS | DRAWN BY: JES

A&E SEAL

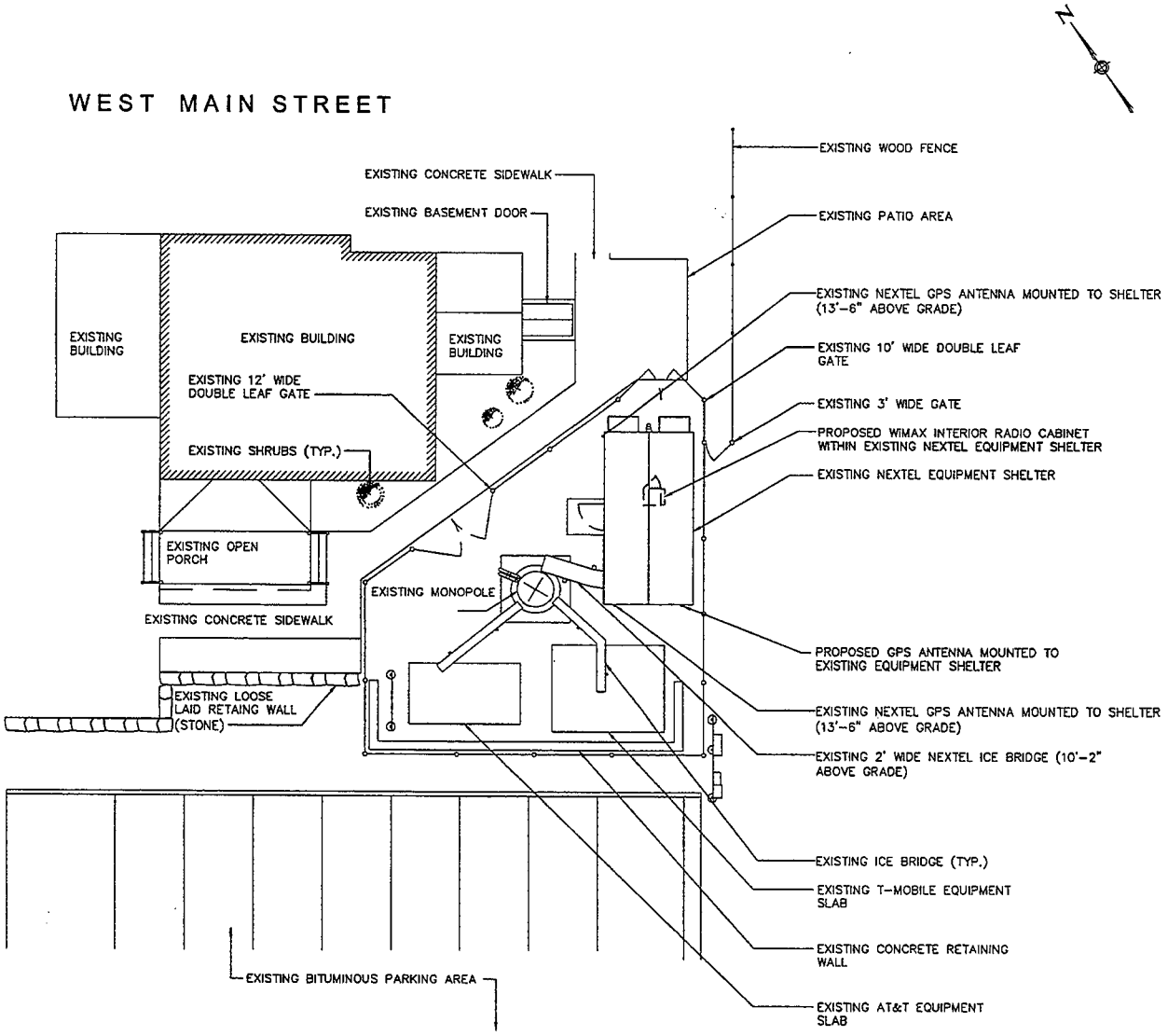
STATE OF CONNECTICUT
IGNACIO C. ARIAS
No. 18704
LICENSED ARCHITECT

WEST MERIDEN

CT01YC323/NCT4132

462 WEST MAIN STREET
MERIDEN, CT 06451

PROJECT NO.	DRAWING NAME	DATE	SHEET NO.	REV
TW1-023 36917283	T-1	12/04/07	1 OF 3	A



1 / SC-1 PARTIAL SITE PLAN
SCALE: 1" = 20'-0"

Sprint Nextel Corp.
1 INTERNATIONAL BLVD.,
SUITE 800
MAHWAH, NJ 07495

TRANSCEND WIRELESS, LLC
479 ROUTE 17 NORTH,
2ND FLOOR
MAHWAH, NJ 07430

A&E FIRM
URS CORPORATION AES
500 ENTERPRISE DRIVE, SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

NO.	DATE	REVISIONS	BY	CHK	APP'D
2	12/21/07	SITING COUNCIL	JES	PJS	AA
1	12/04/07	REVIEW	JES	PJS	AA

NOT TO SCALE | DESIGNED BY: PJS | DRAWN BY: JES

A&E SEAL

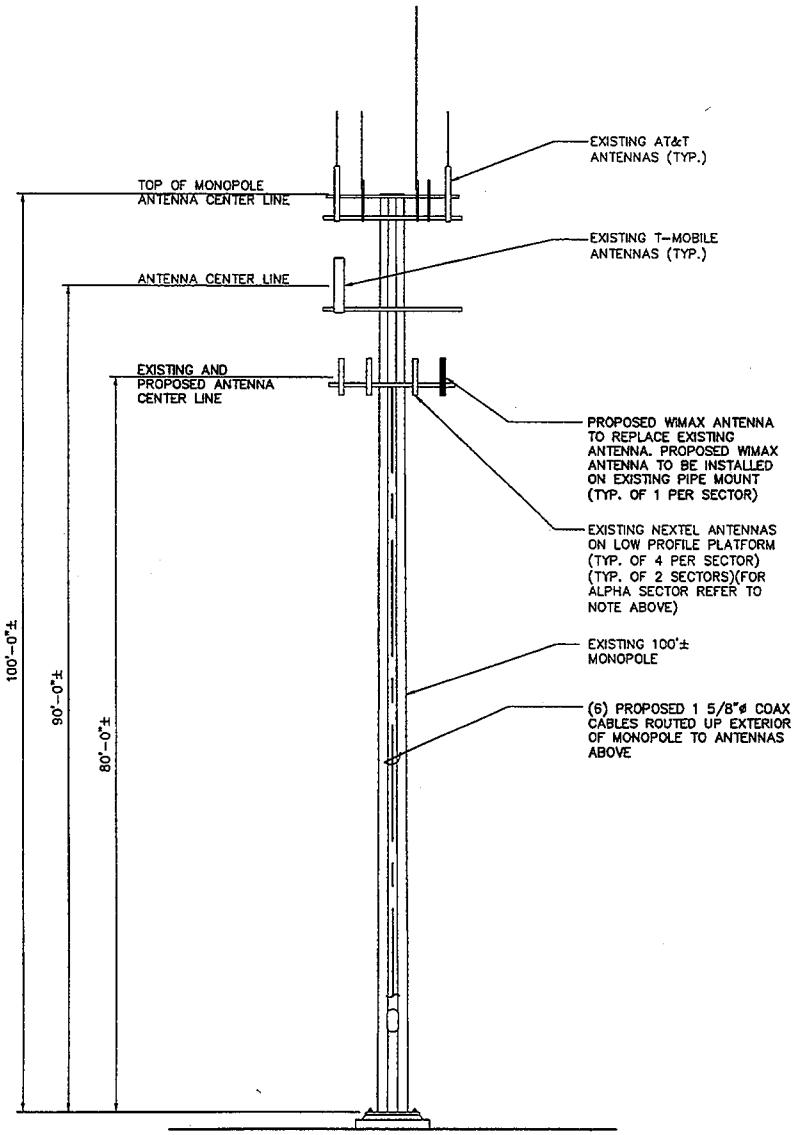
STATE OF CONNECTICUT
IGNACIO C. ARTAZA
No. 8704
LICENSED ARCHITECT

WEST MERIDEN

CT01YC323/NCT4132

462 WEST MAIN STREET
MERIDEN, CT 06451

PROJECT NO.	DRAWING NAME	DATE	SHEET NO.	REV
TW1-023 36917283	SC-1	12/04/07	2 OF 3	A



1 / SC-2 **TOWER ELEVATION**
SCALE: 1" = 20'-0"

ALPHA SECTOR NOTE:
(4) FOUR EXISTING IDEN ANTENNAS SHALL BE REMOVED AND REPLACED WITH (2) PROPOSED IDEN ANTENNAS AND (1) ONE PROPOSED WIMAX ANTENNA

Sprint Nextel Corp.
1 INTERNATIONAL BLVD.,
SUITE 800
MAHWAH, NJ 07495

TRANSCEND WIRELESS, LLC
479 ROUTE 17 NORTH,
2ND FLOOR
MAHWAH, NJ 07430

A&E FIRM
URS CORPORATION AES
500 ENTERPRISE DRIVE, SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

NO.	DATE	REVISIONS	BY	CHK	APP'D
2	12/21/07	SITING COUNCIL	JES	PJS	AA
1	12/04/07	REVIEW	JES	PJS	AA

NOT TO SCALE | DESIGNED BY: PJS | DRAWN BY: JES

A&E SEAL

STATE OF CONNECTICUT
IGNACIO C. ARTACHO
No. 8704
LICENSED ARCHITECT

WEST MERIDEN

CT01YC323/NCT4132

462 WEST MAIN STREET
MERIDEN, CT 06451

PROJECT NO.	DRAWING NAME	DATE	SHEET NO.	REV
TW1-023 36917283	SC-2	12/04/07	3 OF 3	A

DETAILED STRUCTURAL ANALYSIS AND EVALUATION OF AN EXISTING 100 MONOPOLE FOR NEW ANTENNA ARRANGEMENT

Site I.D #: CT01YC323/NCT4132
Site Name: West Meriden
Address: 462 West Main Street,
Meriden, CT 06451

prepared for

Sprint Nextel Corp.

1 International Blvd.,
Suite 800
Mahwah, NJ 07495

TRANSCEND WIRELESS, LLC
479 ROUTE 17 NORTH,
2ND FLOOR,
MAHWAH, NJ 07495

prepared by

URS

URS CORPORATION
500 ENTERPRISE DRIVE, SUITE 3B
ROCKY HILL, CT 06067
TEL. 860-529-8882

36917283.00000
TW1-023

December 21, 2007

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY

This report summarizes the structural analysis of the existing 100' steel tapered monopole structure located at 462 West Main Street in Meriden, CT. The analysis was conducted in accordance with the 2005 Connecticut State Building Code and the TIA/EIA-222-F standard for a wind velocity of 85 mph (fastest mile) and 74 mph (fastest mile) concurrent with ½" ice. The antenna loading considered in the analysis consists of all existing and proposed antennas, transmission lines, and ancillary items as outlined in the Introduction Section of this report. The proposed Sprint Nextel installation is as follows:

On the existing Sprint Nextel Platform :		
Remove: **(6) Decibel 844G65VTZASX antennas**	**Sprint/Nextel (existing)**	**@ 80**
Install: **(3) KMW AM-X-WM-17-65-00T (WiMax) antennas with (3) KMW RET units and (6) KMW TMA s** **(2) Andrew RR65-12-05BL antennas** **(6) 1 5/8 coaxial cables (installed on exterior of monopole)**	**Sprint/Nextel (Proposed)**	**@ 80**

The results of the analysis indicate that the tower structure has the capacity to support the proposed loading conditions. **The tower and its foundation are considered structurally adequate with the wind load classification specified above and the proposed antenna loading.**

This analysis is based on:

1) The tower structure's theoretical capacity, not including any assessment of the condition of the tower.
2) Tower geometry and structural member sizes obtained from manufacturer's design documents for a 100' monopole prepared by Glen Martin Engineering Inc., dated June 04, 2003.
3) Site documentation provided by Transcend Wireless.
4) Previous structural analysis report prepared by URS Corporation, signed and sealed March 8, 2005.
5) Antenna and mount configuration as specified within Section 2 of this report.

1. EXECUTIVE SUMMARY – *continued*

This report is only valid as per the assumptions and data utilized in this report for antenna inventory, mounts and associated cables. The user of this report shall field verify the assumption of the antenna and mount configuration as well as the physical condition of the tower. Notify the engineer in writing immediately if any of the information in this report is found to be other than specified.

If you should have any questions, please call.

Sincerely,

URS Corporation

Richard A. Sambor, P.E.
Manager Facilities Design

RAS/jrm
cc: AA, DR, ICA – URS, CF/Book

2. INTRODUCTION

The subject tower is located at 462 West Main Street in Meriden, CT. The structure is an existing 100' steel monopole, designed by Glen Martin Engineering Incorporated.

The inventory is summarized in the table below:

Antenna Type	*Carrier*	*Mount*	*Antenna Centerline Elevation*	*Cable*
(1) Celwave PD220-4	EMS Meriden (existing)	Platform w/ handrails	110'	(1) 7/8" coax cables (within monopole)
(3) Decibel DB201-B	Unknown (existing)	Platform w/ handrails (same as above)	106.5'	(3) 7/8" coax cables (within monopole)
(4) Decibel DB436-C	EMS Meriden (existing)	Platform w/ handrails (same as above)	100'	(4) 7/8" coax cables (within monopole)
(3) Allgon 7250.03	AT&T (existing)	Platform w/ handrails (same as above)	100'	(6) 1 5/8" coax cables (within monopole)
(3) EMS RR65-18-02DP and (6) TMA's	T-Mobile (existing)	Low Profile Platform	90'	(12) 1 5/8" coax cables (within monopole)
(6) Decibel 844G65VTZASX	Sprint/Nextel (existing)	Low Profile Platform	80'	(10) 1 1/4" coax cables (within monopole)
(3) KMW AM-X-WM-17-65-00T antennas with (3) KMW RET units and (6) KMW TMA s (2) Andrew RR65-12-05BL antennas	**Sprint/Nextel (proposed)**	Low Profile Platform (same as above)	**80**	**(6) 1 5/8 coax cables (exterior of monopole see note I below)**

Note:

I. **Proposed Sprint/Nextel coaxial cables shall be supported on the exterior of the existing monopole by utilizing transmission line support brackets (Valmont part# B3254 or approved equal). Coaxial cables shall be placed in a 1 row x 6 cable wide configuration.**

This structural analysis of the communications tower was performed by URS Corporation (URS) for Sprint/Nextel. The purpose of this analysis was to investigate the structural integrity of the existing tower with its existing and proposed antenna loads. This analysis was conducted to evaluate stress on the tower and the effect of forces to the foundation of the tower resulting from existing and proposed antenna arrangements.

3. ANALYSIS METHODOLOGY AND LOADING CONDITIONS

The structural analysis was conducted in accordance with the 2005 Connecticut State Building Code, TIA/EIA-222-F - Structural Standard for Steel Antenna Towers and Antenna Supporting Structures, and the American Institute of Steel Construction (AISC) Manual of Steel Construction - Allowable Stress Design (ASD).

The analysis was conducted using RISA Tower 5.0.2. Two load conditions were evaluated as shown below which were compared to allowable stresses according to AISC and TIA/EIA.

Load Condition 1 = 85 mph (fastest mile) Wind Load (without ice) + Tower Dead Load
Load Condition 2 = 74 mph (fastest mile) Wind Load (with ice) + Ice Load + Tower Dead Load

Please note that wind pressure is a function of velocity squared. Under Load Condition 2, a 25 percent reduction in wind pressure is allowed by code to account for the unlikelihood of the full wind pressure and ice load occurring at the same time. The same results may be achieved by utilizing a lower wind pressure without taking the 25 percent reduction, as shown above.

The TIA/EIA standard permits a one-third increase in allowable stresses for towers and monopoles less than 700 feet tall. For the purposes of this analysis, in computing the load capacity the allowable stresses of the tower members were increased by onethird.

4. FINDINGS AND EVALUATION

Combined axial and bending stresses on the monopole structure were evaluated to compare with allowable stresses in accordance with AISC. The calculated stresses under the proposed loading were below the allowable stresses (see table below). Detailed analysis and calculations for the proposed load condition are provided in section 6 of this report. Additionally the anchor bolts, base plate and foundation were within the allowable limits.

Tower Component Stress vs. Capacity Summary

Component (Section No.)	Controlling Component / Elevation	Stress Ratio (% capacity)	Pass/Fail	Notes:
Pole Shaft (L2)	0'-47.0'	40.6%	**Pass**	
Anchor Bolts	Compression	34.0%	**Pass**	
Base Plate	Bending	60%	**Pass**	

Foundation	Component	Stress (% capacity/FOS)	Pass/Fail	Comments:
Reinf. Concrete Pad and Pier	OTM	58.7%/3.41	**Pass**	Min. F.O.S of 2.0 req'd per IBC 2003 Section 3108.4.2

5. CONCLUSIONS AND RECOMMENDATIONS

The results of the analysis indicate that the tower structure has the capacity to support the proposed loading conditions. **The tower and its foundation are considered structurally adequate with the wind load classification specified above and the proposed antenna loading.**

Limitations/Assumptions:

This report is based on the following:

1. Tower inventory as listed in this report.
2. Tower is properly installed and maintained.
3. All members are as specified in the original design documents and are in good condition.
4. All required members are in place.
5. All bolts are in place and are properly tightened.
6. Tower is in plumb condition.
7. All member protective coatings are in good condition.
8. All tower members were properly designed, detailed, fabricated, and installed and have been properly maintained since erection.
9. Foundations were properly constructed to support original design loads as specified in the original design documents.
10. All coaxial cable is installed within the monopole unless specified otherwise.

URS is not responsible for any modifications completed prior to or hereafter in which URS is not or was not directly involved. Modifications include but are not limited to:

A. Adding antennas
B. Removing/replacing antennas
C. Adding coaxial cables

URS hereby states that this document represents the entire report and that it assumes no liability for any factual changes that may occur after the date of this report. All representations, recommendations, and conclusions are based upon information contained and set forth herein. If you are aware of any information which conflicts with that which is contained herein, or you are aware of any defects arising from original design, material, fabrication, or erection deficiencies, you should disregard this report and immediately contact URS. URS disclaims all liability for any representation, recommendation, or conclusion not expressly stated herein.

Ongoing and Periodic Inspection and Maintenance:

After the Contractor has successfully completed the installation and the work has been accepted, the owner will be responsible for the ongoing and periodic inspection and maintenance of the tower.

The owner shall refer to TIA/EIA-222-F for recommendations for maintenance and inspection. The frequency of the inspection and maintenance intervals is to be determined by the owner based upon actual site and environmental conditions. It is recommended that a complete and thorough inspection of the entire tower structural system be performed at least yearly and more frequently as conditions warrant. According to TIA/EIA-222-F section 14.1, Note 1: It is recommended that the structure be inspected after severe wind and/or ice storms or other extreme loading conditions.

CT01YC323 (462 West Main Street, Meriden, CT, aka 450-478 West Main Street) - Siting Council Power Density Calculations							
Sprint Nextel Directional Antennas ESMR - 2657 MHz 80'							
						Note: Power densities are in mW/ cm²	
Transmitters:	Frequency in MHz	CT Standard mW/ cm²	Number of Channels	ERP (W) per channel	Centerline of Tx antennas AGL (ft.)**	Power density calculated at base of tower	% of CT Standard
WiMAX	2657	1.0000	3	562	80	0.0946794	9.47%
iDEN	851	0.5673	12	100	80	0.0673875	11.88%
From previous filings:per CSC power density data base							
Hunters Amb/EMS							7.43%
Hunters Amb/EMS							7.43%
Hunters Amb/EMS							22.28%
Hunters Amb/EMS							7.43%
Cingular GSM							11.32%
Cingular UMTS							3.06%
T-Mobile							8.06%
Total % of CT Standard							88.36%