



New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill,

Connecticut 06067-3900 Phone: (860) 513-7636 Fax: (860) 513-7190

October 7, 2005

EM-CING-052-051007

Ms. Pam Katz, Chairman, and Members of the Council Connecticut Siting Council 10 Franklin Square New Britain, Connecticut 06051



Notice of Exempt Modification – Existing Sprint Telecommunications Tower Facility at 1 Westerberg Drive, Farmington, Connecticut

Dear Chairman Katz and Members of the Council:

New Cingular Wireless PCS, LLC ("Cingular") intends to install telecommunications antennas and associated equipment at an existing multicarrier telecommunications tower facility off Westerberg Drive in Farmington, Connecticut. Please accept this letter as notification to the Council, 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 is being sent to the Town Manager of Farmington.

Existing Facility

The flagpole-style stealth tower is located at the Town of Farmington's wastewater treatment plant at 1 Westerberg Drive. The tower, which lies approximately ¼ mile southwest of CT Route 4, is at coordinates (NAD 83) N 41° 43' 50" and W 72° 50' 08".

The facility is owned and operated by Sprint Sites USA ("Sprint"), with offices at 1 International Blvd, Suite 800, Mahwah, NJ 07495. Sprint leases the land from the Town of Farmington.

The Farmington facility was initially approved as Council Docket No. 282 in June of 2004.

The Westerberg Drive facility consists of an approximately 156-foot flagpole-style tower within a 50' x 50' fenced compound. Sprint operates wireless communications equipment at the facility, and T-Mobile and Nextel have been approved by the Council to co-locate there as well.

Proposed Modifications

Cingular operates under licenses issued by the Federal Communications Commission ("FCC") to provide cellular and PCS mobile telephone service in Hartford County, which includes the area to be served by Cingular's proposed installation.

As shown on the attached drawings and as further described below, Cingular proposes to install three Powerwave 7770 antennas, or their functional equivalents at a centerline height of 139 feet above ground level *inside* the flagpole. Cingular also proposes to place an 11' 6" x 20' prefabricated concrete or fiberglass equipment building in the existing compound at the base of the tower. In response to floodplain conditions at the site, the building will be elevated 10 feet above ground level.

Attached to this Notice are a site location map, a site plan, a tower profile, and a structural analysis report that shows the tower is structurally capable of supporting the proposed Cingular telecommunications equipment.

Statutory Considerations

The changes to the Farmington tower facility do not constitute a modification 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) because they will not result in any substantial adverse environmental effect.

- 1. The height of the overall structure will be unaffected.
- 2. The proposed changes will not affect the property boundaries. All new construction will take place on property leased by Sprint and within the existing fence.
- 3. The proposed additions will not increase the noise level at the existing facility by six decibels or more.
- 4. Operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to or above the standard adopted by the State of Connecticut and the FCC. The "worst-case" exposure calculation in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at the base of the tower in relation to the operation of the currently proposed antenna array is as follows:

Company	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density [†] (mW/cm²)	Standard Limits (mW/cm²)	Percent of Limit
Sprint *	149	1962.5	11	385	0.0686	1.0000	6.86
Cingular	139	880 - 894	6	296	0.0331	0.5867	5,63
Cingular	139	1930 - 1935	3	427	0.0238	1.0000	2.38
T-Mobile *	129	1935	8	157	0.0271	1.0000	2.71
Nextel *	119	851	12	100	0.0305	0,5673	5.37
Track to the					0.000	0.5073	J.37
Total							22.96%

Power density parameters from Siting Council records in Docket No. 282.

As the table demonstrates, the cumulative "worst-case" exposure would be approximately 23 % of the ANSI/IEEE standard, as calculated for mixed frequency sites. Total power density levels resulting from Cingular's use of the tower facility would thus be within applicable standards.

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

Please feel free to call me at (860) 513-7636 or Christopher Fisher, Esq. at (914) 761-1300 with questions concerning this notice. Thank you for your consideration in this matter.

Respectfully yours,

Steven Levine

Real Estate Consultant

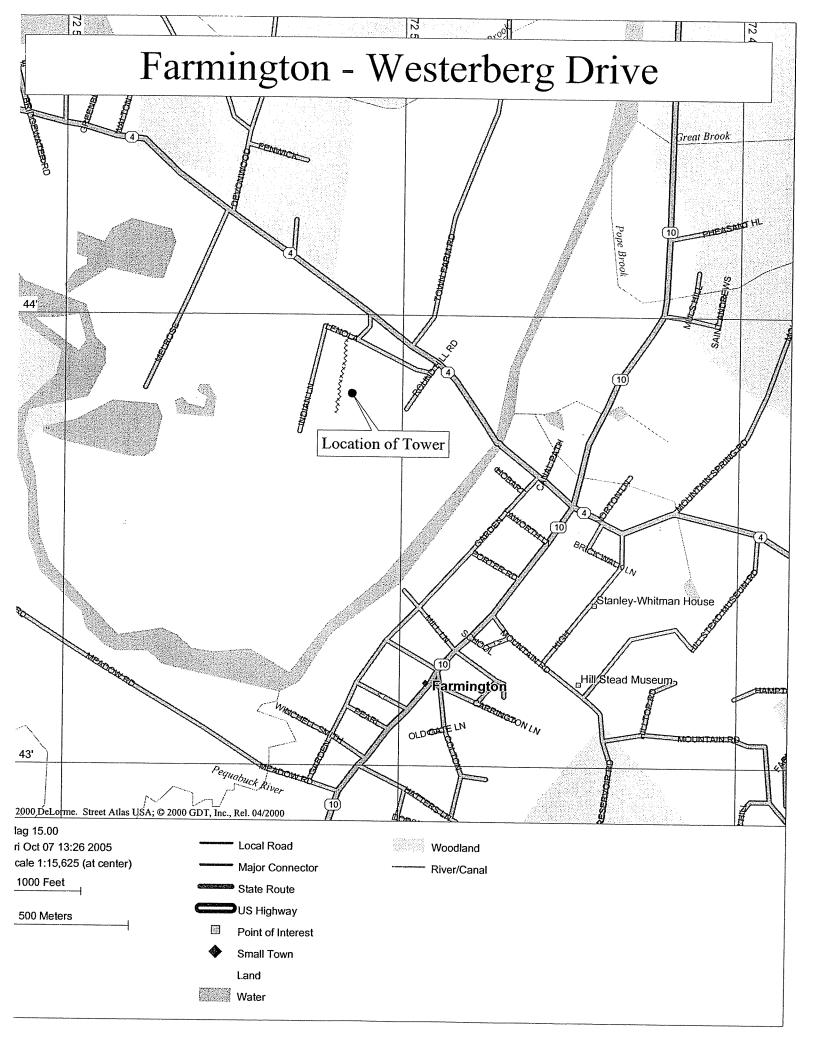
Enclosures

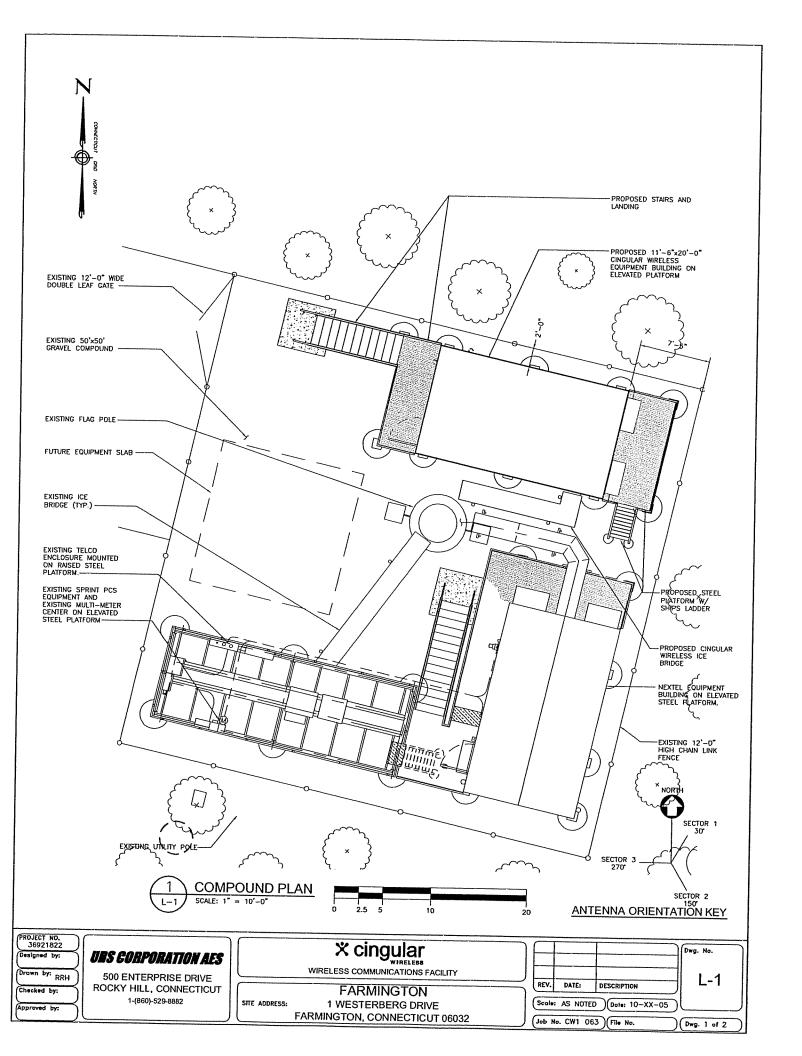
cc: Honorable Kathleen Eagen, Town Manager, Town of Farmington

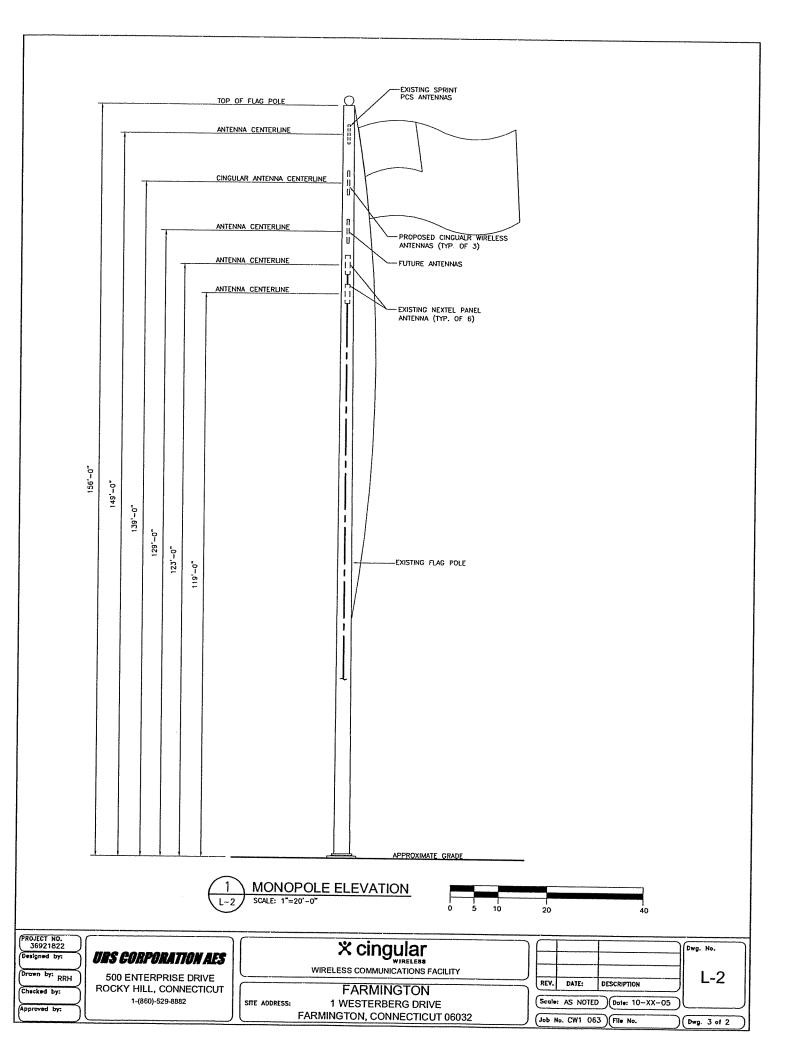
Michele G. Briggs, Manager of Real Estate

Christopher B. Fisher, Esq.

Please note that the standard power density equation provided by the Council in its memo of January 22, 2001 incorporates a ground reflection factor of 2.56 (i.e., the square of 1.6) as described in FCC OET Bulletin No. 65.









October 7, 2005

Ms. Pamela Katz, Chairman Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Reference:

Existing Telecommunications Facility Modification

Cingular Wireless Westerburg Drive

Farmington, Connecticut CW1 065/36921828.00000

Dear Ms. Katz:

URS Corporation (URS) conducted a structural review of the existing 156' Flag Pole at Westerburg Drive in Farmington, Connecticut. The purpose of our review was to evaluate the effect of the proposed Cingular Wireless antenna addition on the existing Flag Pole structure. The Flag Pole structure design documents were prepared by Sabre Communications Corporation, job number 05-07054, Revision B dated September 2, 2004. The Flag Pole was designed to support four (4) telecommunication carriers between elevations 149' and 119' concealed behind RF transparent cylinders. The design considered three (3) RR90 17 antennas behind RF transparent cylinders at elevations of 119', 129' 139' and 149'. The tower currently supports three Sprint antennas at the 149' elevation. Nextel is approved for three antennas each at the 117' and 123' elevations. The proposed Cingular Wireless addition considered in this review is as follows:

Antenna and Mount Modification	Carrier	Antenna Center Elevation
(3) 7770.00 Powerwave antennas or equivalent, 3 TMAs and 3 Diplexers and (12) 1-5/8" coaxial cables inside the monopole.	Cingular Wireless	139' A.G.L.

The results of this review indicate the structure to be in compliance with the loading conditions and the material and member-sizes for the monopole structure and its foundation. The monopole is considered feasible with the applicable TIA/EIA-222-F wind load classification specified and proposed Verizon Wireless and existing antenna loading. The structure and its foundation are in compliance with the BOCA 1996 and Connecticut State Building Code supplement 1999 including the latest amendments.

If you should have any questions, please cail.

Sincerely,

URS Corporation AES

Alichard A. Sambor, P.E.

Manager Facilities Design

RAS/jek

CC:

Steve Levine - Cingular Wireless Bryon Morowski - Cingular Wireless Alltz Abadjian, Douglas Roberts, AIA - URS Ignacio C. Artaiz, AIA

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Honorable Kathleen Eagen Town Manager, Town of Farmington Town Hall, 1Monteith Drive Farmington, Connecticut 06032

Re: Notice of Exempt Modification - Existing Sprint Telecommunications Tower Facility at 1 Westerberg Drive, Farmington, Connecticut

Dear Ms. Eagen:

New Cingular Wireless PCS, LLC ("Cingular") intends to install telecommunications antennas and associated equipment at an existing multicarrier telecommunications tower at 1 Westerberg Drive in Farmington, Connecticut.

The facility is owned and operated by Sprint Sites USA ("Sprint"), with offices at 1 International Blvd, Suite 800, Mahwah, NJ 07495. Sprint leases the land from the Town of Farmington.

A Notice of Exempt Modification has been filed with the Connecticut Siting Council as required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73. Please accept this letter as notification to the Town of Farmington 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 attached letter fully sets forth the Cingular proposal. However, if you have any questions or require any further information on the plans for the site or the Siting Council's procedures, please contact the undersigned or Mr. Derek Phelps, Executive Director of the Connecticut Siting Council, at (860) 827-2935.

Sincerely,

Steven Levine

Real Estate Consultant

Enclosure