



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

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[www.ct.gov/csc](http://www.ct.gov/csc)

July 21, 2005

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

RE: **EM-CING-033-050714** – New Cingular Wireless PCS, LLC notice of intent to install a temporary cellular telephone facility to be located off Glenwood Road in Cromwell, Connecticut.

Dear Mr. Levine:

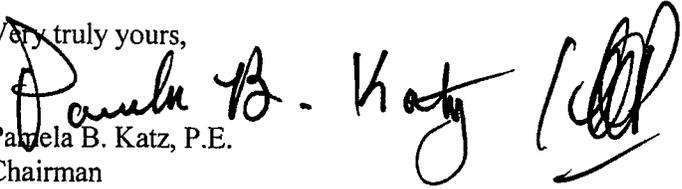
At a public meeting held on July 20, 2005, the Connecticut Siting Council (Council) acknowledged your notice to construct a temporary telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed facility is to be developed as specified here and in your notice dated July 14, 2005. The facility is in compliance with the exception criteria in Section 16-50j-72 (d) of the Regulations of Connecticut State Agencies for temporary cellular service for events of statewide significance. This temporary 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. Any additional change to this temporary 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,

  
Pamela B. Katz, P.E.  
Chairman

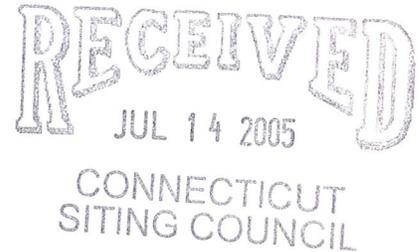
PBK/MP/jkl

c: Honorable Stanley A. Terry, Jr., First Selectman, Town of Cromwell  
Frederic Curtin, Zoning Enforcement Officer, Town of Cromwell



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

July 14, 2005



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

**Re: Proposed New Cingular Wireless PCS, LLC Temporary Cellular Communications Site  
at the Buick Championship Golf Tournament, TPC at River Highlands Golf Course,  
Cromwell, CT**

Dear Chairman Katz and Members of the Council:

New Cingular Wireless PCS, LLC ("Cingular") intends to install a temporary cellular communications facility for use during the Buick Championship golf tournament in Cromwell. Please accept this letter as notification to the Connecticut Siting Council ("Council"), pursuant to R.C.S.A Section 16-50j-73, of construction that constitutes an exempt modification under R.C.S.A Section 16-50j-72(d). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the First Selectman of Cromwell.

The proposed temporary cell site meets the criteria set forth in R.C.S.A Section 16-50j-72(d) for temporary cellular service for events of statewide significance. This site is necessary to provide additional system capacity to accommodate increased communication needs during the golf tournament.

The Buick Championship golf tournament will be held at the TPC at River Highlands golf course on August 22 – 28.

### **Proposed Temporary Facility**

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

The temporary cell site will be located off Glenwood Road in Cromwell on property of the TPC at River Highlands golf club. (See the attached location map and site plan.) Cingular has operated temporary installations at this location during past golf tournaments.

The site will begin operations August 19 to be available during set-up of the tournament, and it will be removed the day after conclusion of the event.

Cingular's temporary cell site will consist of radio equipment installed in a vehicle referred to as a "Cell on Wheels" ("COW"). The COW will be 17 feet in length, 8 feet wide, and 12-½ feet in height. A mast will be extended upward from the COW to a height of approximately 48 feet above ground level ("AGL") to support the Cingular antennas as shown on the attached site plan. Two whip antennas approximately 4 feet in length will be mounted on a boom at the top of the mast, for a total height of 52 feet AGL and an antenna centerline of 50 feet.

### **Power Density Calculations.**

Cingular's temporary cell site will not result in a total radio frequency electromagnetic radiation power density, measured at ground level in this location, at or above State or Federal standards. The following table shows the power density at the site from the proposed temporary cell operations.

Company	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density <sup>†</sup> (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
Cingular	50	880 - 894	4	296	0.1703	0.5867	29.03
<b>Total</b>							<b>29.03%</b>

<sup>†</sup> 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 as described in FCC OET Bulletin No. 65.

A "worst-case" power density calculation shows that Cingular's temporary operations will result in a power density corresponding to approximately 29 % of the ANSI/IEEE standard for uncontrolled environments. Therefore, total worst-case density levels from temporary cellular operations at this location would be within the applicable standard limits.<sup>1</sup>

<sup>1</sup> Verizon Wireless' COW will be situated ¼ to ½ mile west of the golf club during the Buick Championship. As such, its contribution to RF emissions at the site of Cingular's COW will be negligible.

We respectfully request that the Council approve Cingular's proposed temporary cell site for use during the Buick Championship golf tournament pursuant to R.C.S.A. Section 16-50j-72(d).

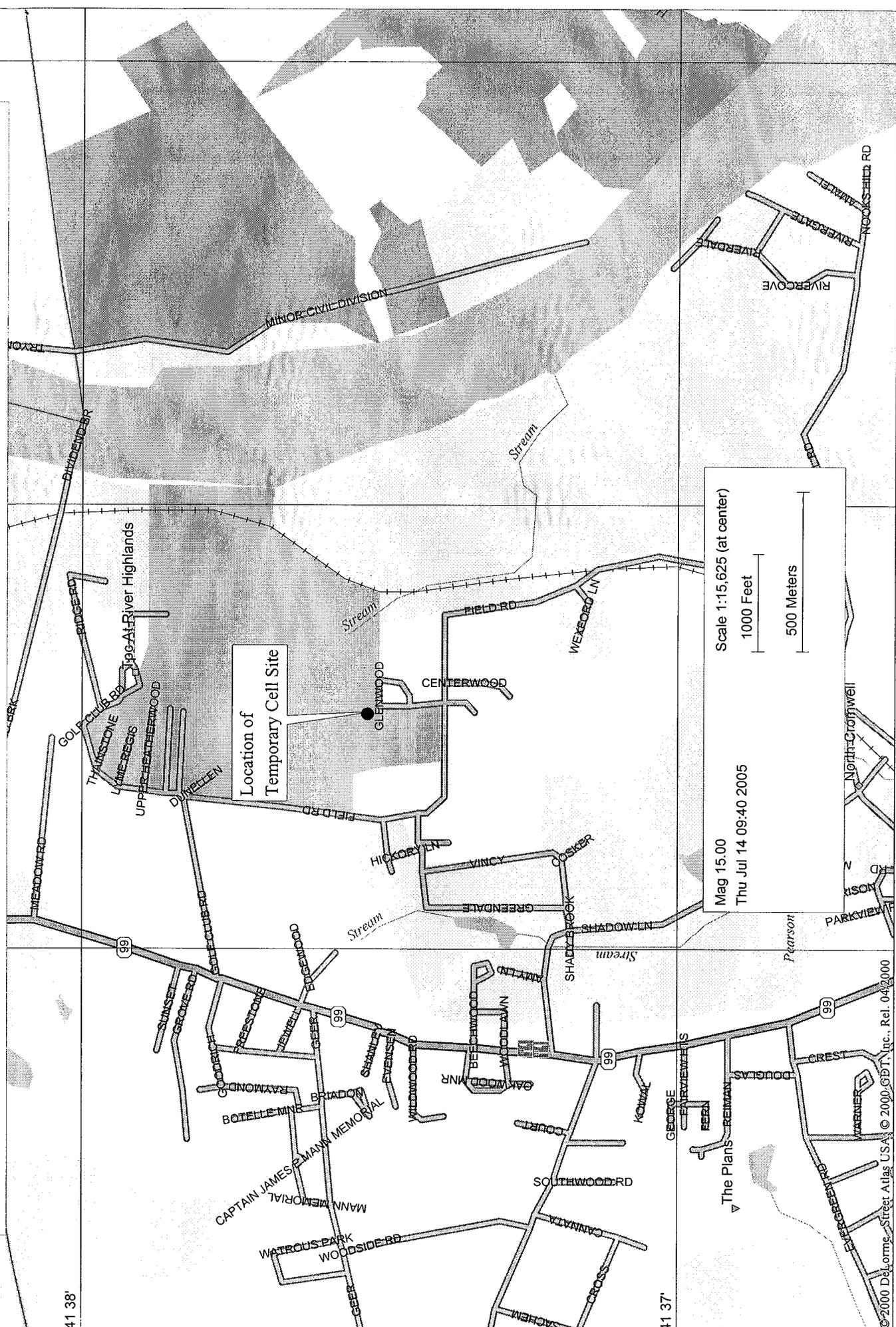
Respectfully yours,

A handwritten signature in blue ink, appearing to read 'S. Levine', written in a cursive style.

Steven Levine  
Real Estate Consultant

cc: Honorable Stanley A. Terry, Jr., 1<sup>st</sup> Selectman, Town of Cromwell  
Michele G. Briggs, Manager of Real Estate  
Christopher B. Fisher, Esq.

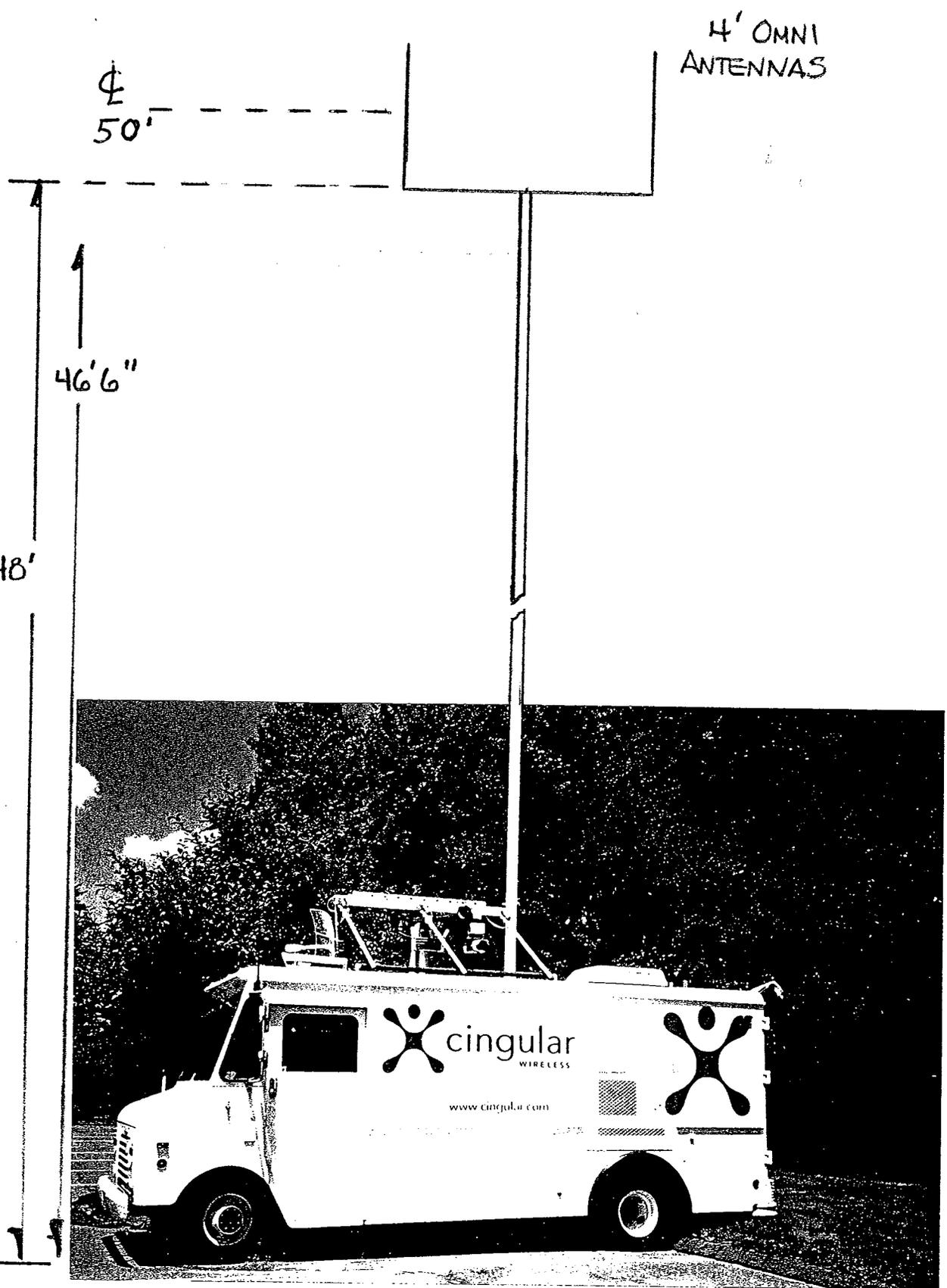
# Location of Temporary Cell Site for Buick Championship



Location of  
Temporary Cell Site

Mag 15.00  
Thu Jul 14 09:40 2005  
Scale 1:15,625 (at center)  
1000 Feet  
500 Meters

72 37'  
72 38'  
72 39'  
41 38'  
41 37'



CINGULAR "COW" (CELL ON WHEELS)



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

July 14, 2005

Honorable Stanley A. Terry, Jr.  
1<sup>st</sup> Selectman, Town of Cromwell  
41 West Street  
Cromwell, Connecticut 06416

**Re: Proposed New Cingular Wireless PCS, LLC Temporary Cellular Communications Site  
at the Buick Championship Golf Tournament, TPC at River Highlands Golf Course,  
Cromwell, CT**

Dear Mr. Terry:

New Cingular Wireless PCS, LLC ("Cingular") intends to install a temporary cellular communications facility for use during the upcoming Buick Championship golf tournament in Cromwell.

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 Cromwell under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(d).

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