



**Centek Engineering, Inc.**  
3-2 North Branford Road  
Branford, Connecticut 06405  
Phone: (203) 488-0580  
Fax: (203) 488-8587

**Steven L. Levine**  
Real Estate Consultant

July 3, 2017

Honorable Robert Stein, 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 2017 Apple Harvest Festival, Southington**

Dear Chairman Stein and Members of the Council:

Centek Engineering, Inc. is pleased to submit this Notice of Exempt Modification (“Notice”) on behalf of New Cingular Wireless PCS, LLC (“AT&T”).

AT&T intends to install a temporary cellular communications facility for service during the 2017 Apple Harvest Festival in Southington. Please accept this Notice 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, copies of this Notice are being sent to the Town Manager and Planning Director of Southington, and to the First Congregational Church of Southington which owns the proposed site of the temporary cellular communications facility. Proof of mailing is being submitted at the time this Notice is filed. Proof of delivery will be provided to the Council when this information is received from the U. S. Postal Service.

AT&T 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 AT&T’s proposed temporary installation.

**Proposed Temporary Facility**

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 Festival.

The 2017 Apple Harvest Festival will be held in the vicinity of the Southington Town Green during the weekends of September 29 - October 1 and October 6 - October 8. AT&T’s equipment

will be deployed to the proposed site on or about September 6. The site is scheduled to begin on-air operations on September 25 to be available during set-up of the Fair. Removal will be on or before October 25.

The temporary cell site will be located at 37 Main Street on property owned by the First Congregational Church. (See the attached Assessor’s card, Assessor’s parcel map, and aerial photo.) Approximate coordinates for the location are N41 – 36 – 05, W72 – 52 – 41. An email from the First Congregational Church authorizing AT&T’s use the property for the temporary cell site is attached. Electric power and telephone connections will be provided from existing service at the church.

AT&T’s temporary cell site will consist of radio equipment installed in a fully-contained vehicle referred to as a “Cell on Wheels” (“COW”) with a built-in antenna mast that will be extended to 59 feet above ground. Three Kathrein panel antennas will be mounted at the top of the tower with a centerline height of 60 feet. (See the attached photographic exhibit.) The COW is 24 feet long, 8 feet wide, and 12 feet high, with 4-ft outriggers for stability. Guy lines will further stabilize and support the extended tower and antenna as appropriate for site-specific conditions. The proposed temporary cell site will not increase noise level by six decibels or more.

**Power Density Calculations**

AT&T’s temporary cell site will not result in a total radio frequency electromagnetic radiation power density, measured at six feet above ground level at the COW location, at or above State or Federal standards. The following table shows the worst-case power density calculation with 10 dB reduction at the site from the proposed temporary cellular transmissions from the COLT.

Transmissions	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
AT&T LTE	60	700	1	500	0.0616	0.4667	1.32
AT&T LTE	60	1900	1	500	0.0616	1.0000	0.62
AT&TUMTS	60	880	1	500	0.0616	0.5867	1.05
<b>Total</b>							<b>2.99%</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.

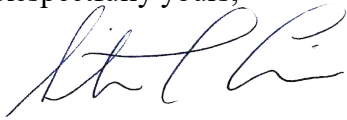
This "worst-case" power density calculation shows that AT&T’s temporary transmissions from the COLT will result in a power density corresponding to approximately 3 % of the ANSI/IEEE standard for uncontrolled environments. Therefore, total worst-case density levels from temporary cellular operations at the COLT location would be within the applicable standard limits.

## **Conclusion**

For the reasons above, we respectfully request that the Council acknowledge AT&T's Notice of Exempt Modification for the temporary cell site to be operated during the 2017 Apple Harvest Festival pursuant to R.C.S.A. Section 16-50j-72(d).

Please call me at 860-830-0380 should you have any questions concerning this Notice. Thank you for your consideration in this matter.

Respectfully yours,

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

Steven Levine  
Real Estate Consultant

cc: Town CEO: Honorable Garry Brumback, Town Manager  
Town Planner: Robert A. Phillips, Director of Planning & Community Development  
Property Owner of Record: First Congregational Church

Attachments

Email from the First Congregational Church  
Authorizing AT&T's Proposed Temporary Cellular Telecommunications Facility  
During the 2017 Apple Harvest Festival

**From:** Chris Aulbach [mailto:caulbach@me.com]  
**Sent:** Thursday, June 15, 2017 7:00 PM  
**To:** Frank Kelley  
**Cc:** Ronald Brown; Matt & Allison LeBarron  
**Subject:** Re: AT&T and FCC Southington Applefest

Hi Frank, see below.

This email authorizes AT&T Wireless and/or its authorized agent to file for all necessary federal, state or local permits and approvals for the proposed temporary wireless telecommunications facility located at First Congregational Church of Southington, CT 37 Main Street Southington, CT 06489.

Chris Aulbach  
Chair, Board of Trustees  
First Congregational Church of Southington



**Property Information**

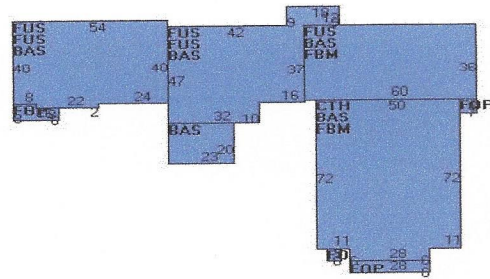
Property Location	37 MAIN ST
Owner	FIRST CONGREGATIONAL CHURCH
Co-Owner	
Mailing Address	37 MAIN ST SOUTHINGTON CT 06489-250
Land Use	906C Religious 94
Land Class	E
Water Service	

Sewer Service	
Census Tract	4303
Neighborhood	1175
Zoning Code	CB
Acreage	0.79
Book / Page	54/ 681
Lot Setting/Desc	Level
Trash Day	



100 108 05/21/2015

**Sketch**



**Primary Construction Details**

Year Built	1830
Stories	2
Building Style	Religious
Building Use	Comm/Ind
Building Condition	C+
Floors	Average
Total Rooms	

Bedrooms	0
Full Bathrooms	0
Half Bathrooms	
Bath Style	n/a
Kitchen Style	n/a
Roof Style	Gable
Roof Cover	Asphalt Shingl

Exterior Walls	Clapboard
Interior Walls	Average
Heating Type	Forced Hot Air
Heating Fuel	Typical
AC Type	Central
Gross Bldg Area	31982
Total Living Area	27862

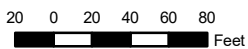
# Town of Southington, Connecticut - Assessment Parcel Map

Parcel: 100108

Address: 37 MAIN ST



Approximate Scale:



Disclaimer: This map is for informational purposes only. All information is subject to verification by any user. The Town of Southington and its mapping contractors assume no legal responsibility for the information contained herein.

Map Produced April 2017





Proposed Location of AT&T's COW  
for the  
2017 Apple Harvest Festival

First Congregational  
Church

Town  
Hall

14.6'

49.68'

Main Street  
(Route 10)

© 2017 Google

Google Earth

1991

lat 41.601490° lon -72.877874° elev 177 ft eye/alt









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**Steven L. Levine**  
Real Estate Consultant

July 3, 2017

Honorable Garry Brumback  
Town Manager, Town of Southington  
Town Hall 75 Main Street  
Southington, CT 06489

**Re: Proposed New Cingular Wireless PCS, LLC Temporary Cellular Communications Site at the 2017 Apple Harvest Festival, Southington**

Dear Mr. Brumback:

Centek Engineering, Inc. is pleased to submit the enclosed Notice on behalf of New Cingular Wireless PCS, LLC ("AT&T").

AT&T intends to install a temporary cellular communications facility for service during the upcoming 2017 Apple Harvest Festival.

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

The enclosed Notice fully sets forth the AT&T 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 at 860-830-0380 or Ms. Melanie Bachman, Acting Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven Levine  
Real Estate Consultant

Enclosure



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Real Estate Consultant

July 3, 2017

Robert A. Phillips  
Dir. of Planning & Community Development  
Town of Southington  
Municipal Center 196 North Main St.  
Southington, CT 06489

**Re: Proposed New Cingular Wireless PCS, LLC Temporary Cellular Communications Site at the 2017 Apple Harvest Festival, Southington**

Dear Mr. Phillips:

Centek Engineering, Inc. is pleased to submit the enclosed Notice on behalf of New Cingular Wireless PCS, LLC ("AT&T").

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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 Southington Planning & Zoning Department under Section 16-50j-73 and Siting Council procedures of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(d).

The enclosed Notice fully sets forth the AT&T 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 at 860-830-0380 or Ms. Melanie Bachman, Acting Executive Director, Connecticut Siting Council at (860) 827-2935.

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July 3, 2017

Chris Aulbach  
Chair, Board of Trustees  
First Congregational Church of Southington  
37 Main Street  
Southington, CT 06489

**Re: Proposed New Cingular Wireless PCS, LLC Temporary Cellular Communications Site at the 2017 Apple Harvest Festival, Southington**

Dear Mr. Aulbach:

Centek Engineering, Inc. is pleased to submit the enclosed Notice on behalf of New Cingular Wireless PCS, LLC ("AT&T").

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Sincerely,

Steven Levine  
Real Estate Consultant

Enclosure



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Certified Mail Fee \$3.35

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.70

Total Postage and Fees \$4.05

Sent To **ROBERT A. PHILLIPS**  
 PLANNING DIRECTOR - TOWN OF SOUTHWATON

Street and Apt. No., or PO Box No.  
**196 N. MAIN ST**

City, State, ZIP+4®  
**SOUTHWATON CT 06489**

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions

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<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.49

Total Postage and Fees \$3.84

Sent To **CHRIS ADLAKH, CHAIR, BDTROUSTEES**

Street and Apt. No., or PO Box No.  
**1ST Cong. CHURCH 37 MAIN S**

City, State, ZIP+4®  
**SOUTHWATON, CT 06489**

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse

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Certified Mail Fee \$3.35

Extra Services & Fees (check box, add fee as appropriate)

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.70

Total Postage and Fees \$4.05

Sent To **HON. GARY BOURNACH**  
 TOWN MANAGER

Street and Apt. No., or PO Box No.  
**75 MAIN ST - TOWN OF SOUTHWATON**

City, State, ZIP+4®  
**SOUTHWATON, CT 06489**

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions

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