



**QC Development**  
PO Box 916  
Storrs, CT 06268  
860-670-9068  
Mark.Roberts@QCDevelopment.net

July 26, 2018

Melanie A. Bachman  
Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

**Notice of Exempt Modification – New Cingular Wireless PCS, LLC (AT&T)  
Apple Harvest Festival, Southington, CT  
N 41-36-05  
W 72-52-41**

Dear Ms. Bachman:

AT&T intends to install a temporary cellular communications facility for service during the 2018 Apple Harvest Festival in Southington. Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, of construction that constitutes an exempt modification under R.C.S.A. § 16-50j-72(d). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the Town Manager of the Town of Southington, to the Southington Planning Director and to the First Congregational Church of Southington, which owns the property on which the temporary facility will be located.

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 § 16-50j-72(d) for temporary cellular service for events of statewide significance. The site is necessary to provide additional system capacity to accommodate increased communication needs during the Festival.

The 2018 Apple Harvest Festival will be held in the vicinity of the Southington Town Green during the weekends of September 28th – 30th, and October 5<sup>th</sup> – 7<sup>th</sup>, 2018.

AT&T’s temporary cell site will be located at 37 Main Street on property owned by the First Congregational Church. An e-mail authorization from the First Congregational Church is attached. Electric power and telephone connections will be provided from existing service at the Church.

AT&T’s equipment will be deployed to the site on or around September 5th. The site will begin on-air operations on or around September 24<sup>h</sup> and be removed on or around October 24<sup>th</sup>.

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 a height of 59 ft above ground level. Three Kathrein panel antennas will be mounted at the top of the mast with a centerline height of 60 feet. 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 mast and antenna as appropriate for site-specific conditions. The proposed temporary cell site will not increase noise levels 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 calculations with 10dB reduction at the temporary COW site.

<b>Transmissions</b>	<b># of Channels</b>	<b>ERP/Ch (W)</b>	<b>Antenna Centerline Height (ft)</b>	<b>Power Density (mW/cm<sup>2</sup>)</b>	<b>Freq. Band (MHz<sup>**</sup>)</b>	<b>Limit S (mW/cm<sup>2</sup>)</b>	<b>%MPE</b>
AT&T LTE	1	500	60	0.0616	700	0.4667	1.32%
AT&T LTE	1	500	60	0.0616	1900	1.0000	0.62%
AT&T UMTS	1	500	60	0.0616	880	0.5867	1.05%
<b>Site Total</b>							<b>2.99%</b>

\*\* 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

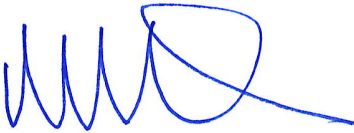
This power density calculation shows that AT&T’s temporary transmissions for the COW installation will result in a power density corresponding to approximately 12.3% of the ANSI/IEEE standard for uncontrolled environments. Therefore, total worst-case power density levels adjacent to the COW would be within applicable standard limits.

**Conclusion**

For the foregoing reasons, AT&T respectfully requests that the Council acknowledge AT&T's Notice of Exempt Modification for the temporary cell site to be operated during the 2018 Apple Harvest Festival pursuant to R.C.S.A. § 16-50j-72(d).

Please feel free to call me at (860) 670-9068 with any questions regarding this Notice. Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in blue ink, consisting of several vertical strokes followed by a large, sweeping loop that extends to the right.

Mark Roberts  
QC Development  
Consultant for AT&T

Attachments

cc: Mark Sciota – Town Manager  
Robert A. Phillips – Director of Planning and Community Development  
First Congregational Church – Property Owner



**Property Information**

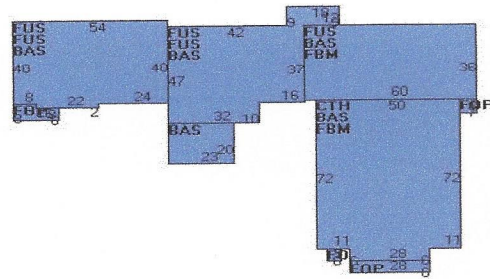
Property Location	37 MAIN ST
Owner	FIRST CONGREGATIONAL CHURCH
Co-Owner	
Mailing Address	37 MAIN ST SOUTHINGTON CT 06489-250
Land Use	906C Religious 94
Land Class	E
Water Service	

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

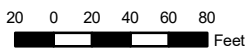
# Town of Southington, Connecticut - Assessment Parcel Map

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  
2018 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




**From:** Matthew LeBarron <[m.lebarron@att.net](mailto:m.lebarron@att.net)>  
**Date:** July 26, 2018 at 12:35:21 AM EDT  
**To:** Frank Kelley <[frank.kelley@sai-comm.com](mailto:frank.kelley@sai-comm.com)>  
**Cc:** Ronald Brown <[rbrown@fccsouthington.org](mailto:rbrown@fccsouthington.org)>  
**Subject:** FCC of Southington and AT&T Temporary Cell Tower Authorization  
**Reply-To:** Matthew LeBarron <[m.lebarron@att.net](mailto:m.lebarron@att.net)>

Frank

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.

Matthew LeBarron  
Chair, Board of Trustees  
First Congregational Church of Southington





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**P**

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**US POSTAGE** \$6.70  
 Flat Rate Env  
 9405 8036 9930 0670 1197 43 0067 0000 0010 6489

07/26/2018 Mailed from 06268 062S00000001308

**PRIORITY MAIL 1-DAY™**

Expected Delivery Date: 07/27/18


MARK J ROBERTS  
 QC DEVELOPMENT  
 PO BOX 916  
 STORRS CT 06268-0916

**0024**

**C019**

SHIP TO: MARK SCIOTA  
 TOWN OF SOUTHWINGTON  
 75 MAIN ST  
 PO BOX 610  
 SOUTHWINGTON CT 06489-2504

**USPS TRACKING #**



**9405 8036 9930 0670 1197 43**

Electronic Rate Approved #038555749



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2. Place your label so it does not wrap around the edge of the package.
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5. Mail your package on the "Ship Date" you selected when creating this label.

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Trans. #:	440307081	Priority Mail® Postage:	<b>\$6.70</b>
Print Date:	07/26/2018	Insurance Fee	<b>\$0.00</b>
Ship Date:	07/26/2018	<b>Total</b>	<b>\$6.70</b>
Expected Delivery Date:	07/27/2018		
Insured Value:	\$50.00		

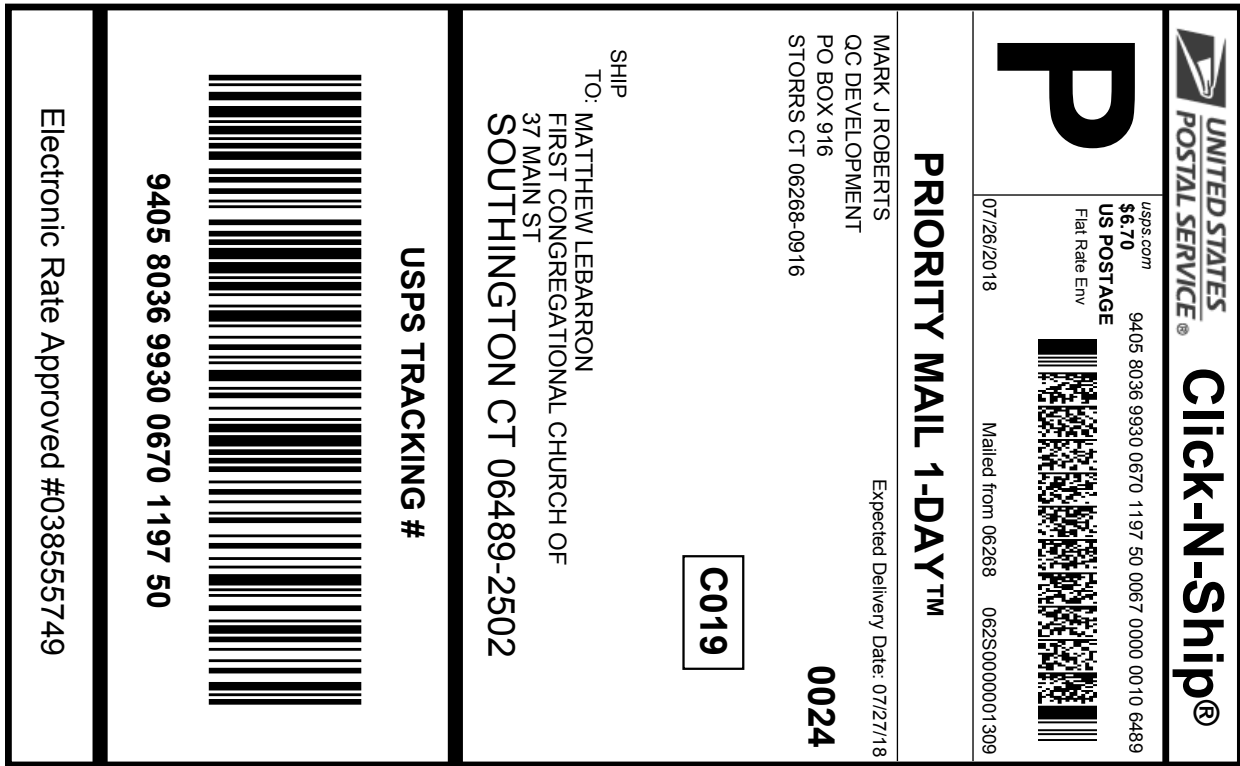
**From:** MARK J ROBERTS  
 QC DEVELOPMENT  
 PO BOX 916  
 STORRS CT 06268-0916

**To:** MARK SCIOTA  
 TOWN OF SOUTHWINGTON  
 75 MAIN ST  
 PO BOX 610  
 SOUTHWINGTON CT 06489-2504

\* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



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**9405 8036 9930 0670 1197 50**

Trans. #:	440307081	Priority Mail® Postage:	<b>\$6.70</b>
Print Date:	07/26/2018	Insurance Fee	<b>\$0.00</b>
Ship Date:	07/26/2018	Total	<b>\$6.70</b>
Expected Delivery Date:	07/27/2018		
Insured Value:	\$50.00		

**From:** MARK J ROBERTS  
 QC DEVELOPMENT  
 PO BOX 916  
 STORRS CT 06268-0916

**To:** MATTHEW LEBARRON  
 FIRST CONGREGATIONAL CHURCH OF SOUTHINGTON  
 37 MAIN ST  
 SOUTHINGTON CT 06489-2502

\* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



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 Check the status of your shipment on the USPS Tracking® page at [usps.com](http://usps.com)