

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2016	2017	2018	2019	2020
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u>\$-0-*</u>	<u>\$-0-</u>	<u>\$-0-</u>	<u>\$-0-</u>	<u>\$-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget: Yes _____ No _____

Budget Account No: Fund _____ Dept _____ Unit _____ Object _____
 Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

* No Fiscal Impact

Fixed Assets Number _____

C. Departmental Fiscal Review: _____ *11-9-15*

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development Comments:

Shelley Brown

 OFMB *SP*
11/10 *11/10*

Ann J. Jacobson *11/12/15*

 Contract Development and Control
Bohach 11-12-15

B. Legal Sufficiency:

H. J. L. *11/16/15*

 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

Background and Policy Issues (cont.): The modifications proposed for these amendments have been reviewed and approved by the Electronic Services and Security Division. The installation of new equipment at these tower sites is necessary to support the expansion of AT&T's services and will improve the line of sight for the County's ISS 802.11 antenna located at the N. Jog Road tower site for the North County Airport. Florida Statutes does not require that a Disclosure of Beneficial Interests be obtained as AT&T is an entity registered with the Federal Securities Exchange Commission whose interest is for sale to the general public.

TWP 44

TWP 44

TWP 44

22

23

24



RNG 42

See pg 88

RNG 42

WP-30 Forest Hill (A)

LOCATION MAP

Attachment 1

(Page 1 of 2)



TWP 42

TWP 42

TWP 42



RNG 42

See pg 45

RNG 42

Page 33

ANW Jog Road Clock Tower (B)

LOCATION MAP

Attachment 1

(Page 2 of 2)

II

Attachment 2

3 agreements - Third Amendment
(9 pages each)

**THIRD AMENDMENT TO
COMMUNICATION TOWER JOINT USE AGREEMENT**

between

**PALM BEACH COUNTY,
a political subdivision of the State of Florida**

And

**NEW CINGULAR WIRELESS PCS, LLC,
a Delaware limited liability company**

Successor by Merger to

BELLSOUTH MOBILITY, LLC

Successor By Conversion to BELLSOUTH MOBILITY, INC.

Exhibit:

- Exhibit "C" - Communication Equipment
- Exhibit "D" - Frequency List

**THIRD AMENDMENT TO
COMMUNICATION TOWER JOINT USE AGREEMENT**

THIS THIRD AMENDMENT TO COMMUNICATION TOWER JOINT USE AGREEMENT (R-96-1077D) (“Amendment”), is made and entered into _____, by and between **PALM BEACH COUNTY**, a political subdivision of the State of Florida, hereinafter referred to as (“County”), and **NEW CINGULAR WIRELESS PCS, LLC**, a Delaware limited liability company, (“AT&T”), Successor By Merger to **BELLSOUTH MOBILITY, LLC**, Successor By Conversion to **BELLSOUTH MOBILITY, INC.** a Georgia corporation licensed to do business in the State of Florida (“BMI”).

WITNESSETH:

WHEREAS, County and BMI entered into that certain Communication Tower Joint Use Agreement dated August 20, 1996 (R-96-1077D) (the “Agreement”) for the construction of a 192-foot free-standing three-sided antenna tower and accessory equipment building upon the Premises at the SE corner of Jog Road and the Bee Line Highway; and

WHEREAS, AT&T acquired and/or merged with and is the successor to BMI and agreed to be bound by all of the terms and conditions of the Agreement; and

WHEREAS, the First Amendment to the Communication Tower Joint Use Agreement (R2006-0351) allowed AT&T to make additions and improvements to its antennas and equipment and revise Exhibit “C”; and

WHEREAS, the Second Amendment to the Communication Tower Joint Use Agreement (R2012-0890) allowed the County and AT&T to modify their tower equipment and tower frequencies and revise Exhibits “C” and “D” to reflect those modifications; and

WHEREAS, AT&T wish to modify its tower equipment and tower frequencies and, and County wishes to modify its tower equipment and incorporate certain language into the Agreement; and

WHEREAS, County and AT&T acknowledge that updated structural and intermodulation studies were performed and no structural modifications to the tower are required to support changes contemplated herein.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, and various other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. The foregoing recitals are true and correct and incorporated herein by reference. All defined terms as used in this Third Amendment shall have the same meaning and effect as in the Agreement, as amended.
2. Exhibit “C” of the Agreement is hereby replaced with Exhibit “C” attached hereto and made a part hereof.
3. Exhibit “D” of the Agreement is hereby replaced with Exhibit “D” attached hereto and made a part hereof.
4. Section 3.07, Non-Discrimination, is hereby deleted in its entirety and replaced with the following:

Section 3.07 Non-Discrimination

AT&T shall assure and certify that it will comply with Title VI of the Civil Rights Act of 1964, as amended, and Palm Beach County Resolution No. R92-13, and shall not discriminate against any individual on the basis of their race, color, national origin, religion, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity or expression, disability, or genetic information with respect to any activity occurring on the Premises or conducted pursuant to this Lease. AT&T warrants that in the event the facilities constructed or operated upon the Premises are public facilities the same shall be open to and benefit all residents of Palm Beach County and shall be available thereto on the same cost and availability basis as to residents of the municipality in which the Premises are located.

AT&T has submitted to County a copy of its non-discrimination policy which is consistent with the above paragraph, as contained in Resolution R-2014-1421, as amended, or in the alternative, has acknowledged through a signed statement provided to County that AT&T will conform to the County's non-discrimination policy as provided in R-2014-1421, as amended.

5. Section 5.04, General Provisions, is hereby modified to add the following:

AT&T will deliver to Insurance Tracking Services, Inc. (ITS), County's authorized insurance consultant, a certificate of insurance with respect to each required policy to be provided by the AT&T under this Section. The required certificates must be signed by the authorized representative of the Insurance Company shown on the certificate.

Submit certificates of insurance to:

Palm Beach County
c/o Insurance Tracking Services, Inc. (ITS)
P.O. Box 20270
Long Beach, CA 90801

Email: pbc@instracking.com or Facsimile: +1 (562) 435-2999

Subsequently, AT&T shall, during the term of the Lease, and prior to each renewal thereof, provide such evidence to ITS at pbc@instracking.com or fax (562) 435-2999, which is Palm Beach County's insurance management system. The certificate of insurance shall include a minimum thirty (30) day endeavor to notify due to cancellation or non-renewal of coverage. In the event coverage is cancelled or not renewed during the life of this Lease, AT&T shall furnish thirty (30) days prior to, but in no case later than the expiration of such insurance, a new certificate of insurance evidencing replacement coverage. Should AT&T fail to maintain the insurance required herein, the County shall have the right, but not the obligation, to purchase or maintain said insurance, and AT&T shall promptly pay as Additional Rent, upon demand from County, all premiums and expenses incurred by County.

6. No provision of this Lease is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this Lease, including but not limited to any citizens of Palm Beach County or employees of County or AT&T.

7. Except as modified by this Third Amendment and the prior amendment, the Agreement remains unmodified and in full force and effect and the parties hereby ratify, confirm and adopt the Agreement, as amended, in accordance with the terms thereof. This Third Amendment is expressly contingent upon the approval of the Palm Beach County

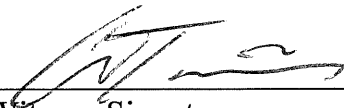
Board of County Commissioners, and shall become effective only when signed by all parties and approved by the Palm Beach County Board of County Commissioners.

(THE REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK)

IN WITNESS WHEREOF, County and AT&T have executed this Third Amendment, or have caused the same to be executed by their duly authorized representatives, as of the day and year first above written.

WITNESS:

NEW CINGULAR WIRELESS PCS, LLC,
a Delaware limited liability company

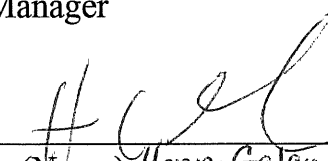


Witness Signature


By: AT&T Mobility Corporation
Its: Manager

Clint Wasing

Print Witness Name

By: 

(Name) Henry Gajan
Area Manager Construction & Engineering
(Title)



Witness Signature

(SEAL)

Lynmarie Ferrer Rivera

Print Witness Name

ATTEST:

PALM BEACH COUNTY,
a political subdivision of the State of Florida

SHARON R. BOCK
CLERK & COMPTROLLER

By: _____
Deputy Clerk

By: _____

(SEAL)

WITNESSES:

Signature of Witness


Print Name of Witness

Signature of Witness

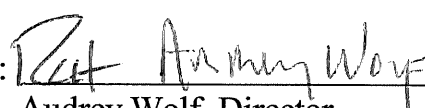
Print Name of Witness

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

APPROVED AS TO TERMS
AND CONDITIONS

By: 

Assistant County Attorney

By: 

Audrey Wolf, Director
Facilities Development & Operations



EXHIBIT "C"

CLOCK TOWER COMMUNICATION LIST

ANT #	ANTENNA TYPE	MFGR	MOUNTING HEIGHT	TOWER LEG	AZIMUTH	TX FREQ	RX FREQ	USE
1	DB268	DECIBEL	110'	SW	OMNI	146.8800	146.2800	RACES - EOC
2, 3 & 4	800-10122	KATHREIN	175'	N	345	869-891 MHz & 1848-1948 MHz	824-848 MHz & 1848-1948 MHz	AT&T Wireless
5A	ET-X-UW-70-16-70-18	KMW	148'	N	345	698-894MHZ; 1710-2170MHZ	698-894MHZ; 1710-2170MHZ	AT&T Wireless
5B	ET-X-UW-70-16-70-18	KMW	148"	N	345	698-894MHZ; 1710-2170MHZ	698-894MHZ; 1710-2170MHZ	AT&T Wireless
5C	ET-X-UW-70-16-70-18	KMW	148"	N	345	698-894MHZ; 1710-2170MHZ	698-894MHZ; 1710-2170MHZ	AT&T Wireless
	RRH **	ERICSSON	148'	N	345	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	N	345	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	N	345	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	N	345	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	N	345	743.0000	743.0000	AT&T Wireless
6A	ET-X-UW-70-16-70-18	KMW	148'	SE	105	608-960MHZ; 1710-2180MHZ	608-960MHZ; 1710-2180MHZ	AT&T Wireless
6B	ET-X-UW-70-16-70-18	KMW	148'	SE	105	608-960MHZ; 1710-2180MHZ	608-960MHZ; 1710-2180MHZ	AT&T Wireless
6C	ET-X-UW-70-16-70-18	KMW	148'	SE	105	698-894MHZ; 1710-2170MHZ	698-894MHZ; 1710-2170MHZ	AT&T Wireless
	RRH **	ERICSSON	148'	SE	105	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SE	105	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SE	105	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SE	105	743.0000	743.0000	AT&T Wireless
7A	ET-X-UW-70-16-70-18	KMW	148'	SW	225	608-960MHZ; 1710-2180MHZ	608-960MHZ; 1710-2180MHZ	AT&T Wireless
7B	ET-X-UW-70-16-70-18	KMW	148'	SW	225	608-960MHZ; 1710-2180MHZ	608-960MHZ; 1710-2180MHZ	AT&T Wireless
7C	ET-X-UW-70-16-70-18	KMW	148'	SW	225	698-894MHZ; 1710-2170MHZ	698-894MHZ; 1710-2170MHZ	AT&T Wireless

ALF



EXHIBIT "C"

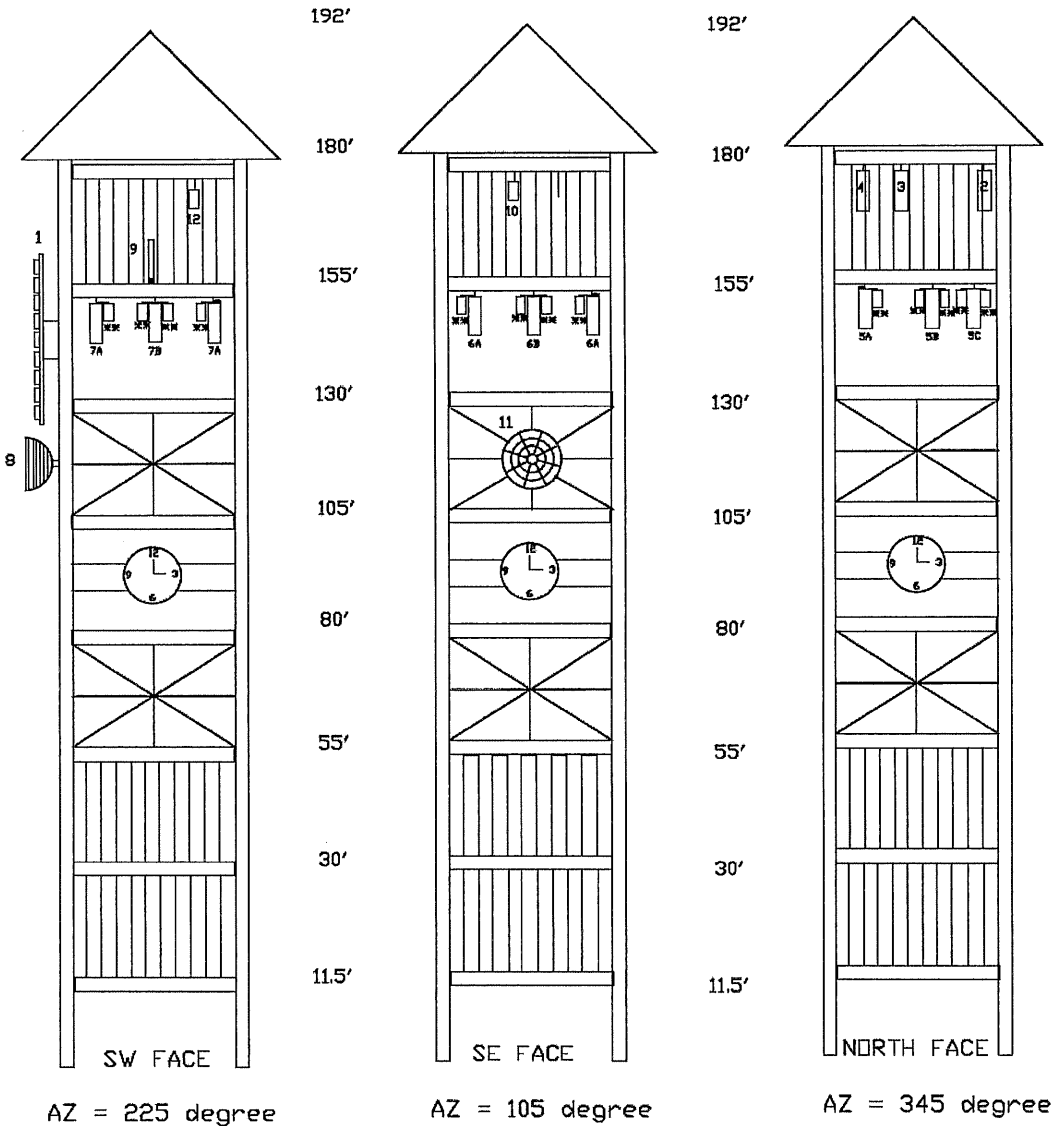
	RRH **	ERICSSON	148'	SW	225	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SW	225	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SW	225	743.0000	743.0000	AT&T Wireless
	RRH **	ERICSSON	148'	SW	225	743.0000	743.0000	AT&T Wireless
8	PL6-65D (1)	ANDREW	105'	SW	190	6595	6755	AT&T Wireless
9 *	DB810E-PS	DECIBEL	155'	SW	OMNI	758-763MHz	788-793MHz	PBC BroadBand 700 MHz
10	AU-Ant-5G-17-90	Alvarion	180'	SE	Directional	5.310 GHz	5.310 GHz	PBC ISS PTP
11*	PL6-65D	ANDREW	120'	SE	TBD	6595	6755	PBC MICROWAVE
12	AU-Ant-5G-17-90	Alvarion	180'	N	Directional	5.310 GHz	5.310 GHz	PBC ISS PTP

* Future use

(1) not use

** Remote Radio Units

EXHIBIT "C"
(PAGE 3 OF 3)



※※ AT&T Remote radio unit.
● AT&T Raycap fiber distribution/DC surge suppressor unit.

NORTH COUNTY PUBLIC SAFETY CENTER COMMUNICATIONS TOWER	NO. REVISIONS DATE		
	1	Update drawing - ATT replaces new antennas at 148" (Model # KMW ET-X-UW-70-16-70-18)	6-12-15
PALM BEACH COUNTY ELECTRONIC SERVICES & SECURITY DIVISION	2	Update drawing - ISS PTP antenna re-orientation on SW face to aim to NC Airport	7-10-15
	<small>FILE: G:/Engineering/Sites/ClockTower/ClockTower.dwg Date: 07-10-15</small>		

ALG

EXHIBIT "D"
PALM BEACH COUNTY ELECTRONIC SERVICE AND SECURITY DIVISION
800MH SYSTEM FREQUENCIES
SITE NAME: Clock Tower
03-06-2015

TRANSMIT	RECEIVE	USER	NOTE
758 thru 763	788 thru 793	PBC 700MH Broadband	(2)
6595	6755	PBC Microwave	(2)
5.3100	5.3100	PBC ISS PTP	1
146.8800	146.2800	PBC RACES	1
875.5000		AT&T Mobility	1
876.5000		AT&T Mobility	1
881.5000		AT&T Mobility	1
886.5000		AT&T Mobility	1
1942.5000		AT&T Mobility	1
1947.5000		AT&T Mobility	1
889.1 Thru 893.9		AT&T Mobility	1
743		AT&T Mobility	1

Note 1: currently used; Note (2) future use. PBC microwave frequencies listed are subject to change Based upon future utilization and design changes to the existing microwave system.

ALG

Attachment 3

3 agreements - Seventh Amendment
(10 pages each)

**SEVENTH AMENDMENT TO
COMMUNICATION TOWER JOINT USE AGREEMENT**

between

**PALM BEACH COUNTY,
a political subdivision of the State of Florida**

and

**NEW CINGULAR WIRELESS PCS, LLC,
a Delaware limited liability company**

Forest Hill Tower

Exhibit:

- Exhibit "C" - Tower Antenna Configuration**
- Exhibit "D" – Frequency List**

**SEVENTH AMENDMENT TO
COMMUNICATION TOWER JOINT USE AGREEMENT**

THIS SEVENTH AMENDMENT TO COMMUNICATION TOWER JOINT USE AGREEMENT (R96-972-D) (the “Seventh Amendment”), is made and entered into _____, by and between **PALM BEACH COUNTY**, a political subdivision of the State of Florida, hereinafter referred to as (“County”), and **NEW CINGULAR WIRELESS PCS, LLC**, a Delaware limited liability company, successor in interest to AT&T Wireless Services of Florida, Inc., a Florida corporation (“AT&T”).

WITNESSETH:

WHEREAS, County and AT&T Wireless Services of Florida, Inc., entered into that certain Communication Tower Joint Use Agreement dated July 16, 1996 (R96-972-D) (the “Agreement”), for the construction of a 400-foot self supported communications tower upon the Property at Forest Hill Blvd and the Turnpike, which Agreement has been amended; and

WHEREAS, the **FIRST AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2002-0767)** allowed AT&T to make additions and improvements to their antennae and equipment; and

WHEREAS, the **SECOND AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2003-1068)** allowed AT&T to install 2 new antennae and 2 new amplifiers to upgrade their third generation equipment; and

WHEREAS, the **THIRD AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2006-0352)** acknowledged that AT&T Wireless Services of Florida, Inc., through a succession of mergers merged into New Cingular Wireless PCS, LLC, and New Cingular Wireless PCS, LLC, agreed to be bound by all of the terms and conditions of the Agreement, as amended; acknowledged that County installed an additional emergency backup generator at the tower site; and allowed AT&T to upgrade its antenna and equipment; and

WHEREAS, the **FOURTH AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2006-0855)** allowed the County to modify the Tower in order to support the deployment of a countywide paging system by the Palm Beach County Fire Rescue Department; and

WHEREAS, the **FIFTH AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2008-1477)** allowed the County to install new equipment and update the tower frequencies in connection with County’s re-banding of the 800 MHz frequency; and

WHEREAS, the **SIXTH AMENDMENT TO THE COMMUNICATION TOWER JOINT USE AGREEMENT (R2012-0888)** allowed the County and AT&T to modify their tower equipment and tower frequencies to reflect frequency and equipment changes necessary to provide for the County’s wireless networks as well as AT&T’s 4G-LTE service; and

WHEREAS, AT&T wishes to modify its tower equipment and tower frequencies and revise Exhibits “C” and “D” to reflect those modifications, and County wishes to incorporate certain language into the Agreement; and

WHEREAS, an updated structural study and intermodulation study were performed, and County and AT&T acknowledge and agree that the changes contemplated herein will not interfere with the frequencies of users on the Tower, but will affect the structural capacity of the Tower; and

WHEREAS, AT&T has agreed to pay for all structural changes to the Tower in exchange for additional antenna space on the Tower; and

WHEREAS, in order to accommodate AT&T's request, it is necessary to modify the Tower Antenna Configuration and exhibits of the Communication Tower Joint Use Agreement; and

WHEREAS, the parties hereto desire to amend the Agreement, as amended, in accordance with the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, and various other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. The foregoing recitals are true and correct and incorporated herein by reference. All defined terms as used in this Seventh Amendment shall have the same meaning and effect as in the Agreement, as amended.
2. Exhibit "C" (Tower Antenna Configuration) of the Agreement is hereby replaced with Exhibit "C" (Tower Antenna Configuration) attached hereto.
3. Exhibit "D" (Frequency List) of the Agreement is hereby replaced with Exhibit "D" (Frequency List) attached hereto.
4. Section 3.07, Non-Discrimination, is hereby deleted in its entirety and replaced with the following:

Section 3.07 Non-Discrimination

AT&T shall assure and certify that it will comply with Title VI of the Civil Rights Act of 1964, as amended, and Palm Beach County Resolution No. R92-13, and shall not discriminate against any individual on the basis of their race, color, national origin, religion, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity or expression, disability, or genetic information with respect to any activity occurring on the Premises or conducted pursuant to this Lease. AT&T warrants that in the event the facilities constructed or operated upon the Premises are public facilities the same shall be open to and benefit all residents of Palm Beach County and shall be available thereto on the same cost and availability basis as to residents of the municipality in which the Premises are located.

AT&T has submitted to County a copy of its non-discrimination policy which is consistent with the above paragraph, as contained in Resolution R-2014-1421, as amended, or in the alternative, has acknowledged through a signed statement provided to County that AT&T will conform to the County's non-discrimination policy as provided in R-2014-1421, as amended.

5. Section 5.04, General Provisions, is hereby modified to add the following:

AT&T will deliver to Insurance Tracking Services, Inc. (ITS), County's authorized insurance consultant, a certificate of insurance with respect to each

required policy to be provided by the AT&T under this Section. The required certificates must be signed by the authorized representative of the Insurance Company shown on the certificate.

Submit certificates of insurance to:

Palm Beach County
c/o Insurance Tracking Services, Inc. (ITS)
P.O. Box 20270
Long Beach, CA 90801

Email: psc@instracking.com or Facsimile: +1 (562) 435-2999

Subsequently, AT&T shall, during the term of the Lease, and prior to each renewal thereof, provide such evidence to ITS at psc@instracking.com or fax (562) 435-2999, which is Palm Beach County's insurance management system. The certificate of insurance shall include a minimum thirty (30) day endeavor to notify due to cancellation or non-renewal of coverage. In the event coverage is cancelled or not renewed during the life of this Lease, AT&T shall furnish thirty (30) days prior to, but in no case later than the expiration of such insurance, a new certificate of insurance evidencing replacement coverage. Should AT&T fail to maintain the insurance required herein, the County shall have the right, but not the obligation, to purchase or maintain said insurance, and AT&T shall promptly pay as Additional Rent, upon demand from County, all premiums and expenses incurred by County.

6. No provision of this Lease is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this Lease, including but not limited to any citizens of Palm Beach County or employees of County or AT&T.
7. This Seventh Amendment shall become effective when signed by all parties and approved by the Palm Beach County Board of County Commissioners.
8. Except as modified by this Seventh Amendment and previous amendments, the Agreement, remains unmodified and in full force and effect and the parties hereby ratify, confirm and adopt the Agreement, as amended, in accordance with the terms thereof.


REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, County and AT&T have executed this Seventh Amendment, or have caused the same to be executed by their duly authorized representatives, as of the day and year first above written.

NEW CINGULAR WIRELESS PCS, LLC, a Delaware limited liability company

WITNESS:

By: AT&T Mobility Corporation, its
Its: Manager



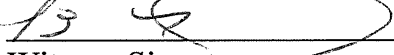
Witness Signature



Cliff Weisberg

Print Witness Name

Henry Galan
Area Manager Construction & Engineering



Witness Signature

Lymarie Sierra Revere

Print Witness Signature

ATTEST:

PALM BEACH COUNTY, a political subdivision of the State of Florida

SHARON R. BOCK
CLERK & COMPTROLLER

By: _____
Deputy Clerk

By: _____

(SEAL)

WITNESSES:

Signature of Witness

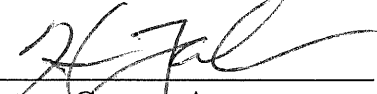
Print Name of Witness

Signature of Witness

Print Name of Witness

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

APPROVED AS TO TERMS
AND CONDITIONS

By: 

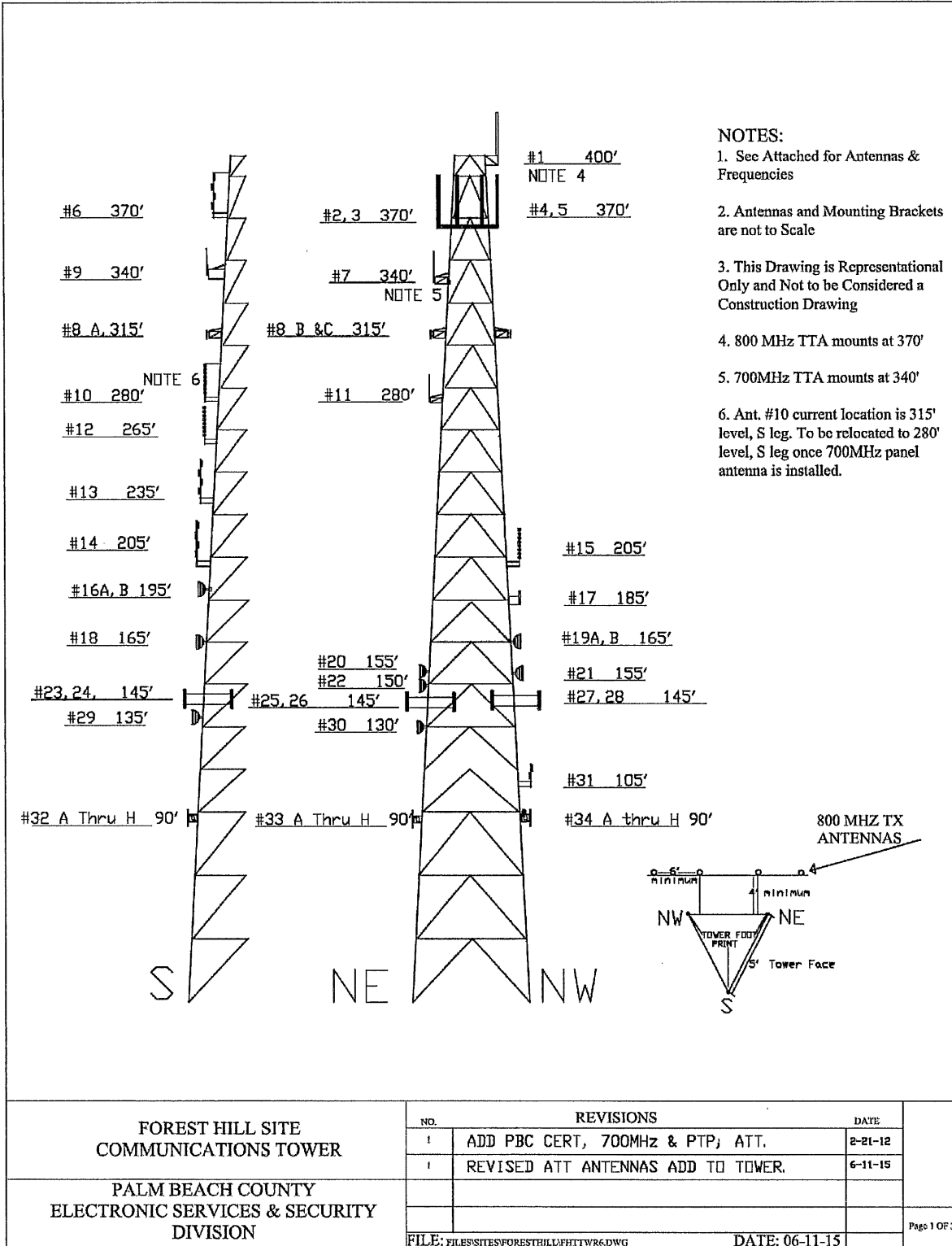
Assistant County Attorney

By: 

Audrey Wolf, Director
Facilities Development & Operations

EXHIBIT "C"

Tower Loading Program



ACG

FOREST HILL TOWER ANTENNA SCHEDULE

ANT#	ANTENNA TYPE	MFR	USE	MOUNT	MFR	MOUNTING HEIGHT	STAND OFF	AZIMUTH	LEG	CABLE	TX FREQ
1	BMR-12H	CELWAVE	COUNTY 800 MHZ RX	CUSTOM	PATE INC	400'	4'	OMNI	TOP	LDF5-50	RX ONLY
2	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NE	LDF6-50	851-866 MHZ
3	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NE	LDF6-50	851-866 MHZ
4	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NW	LDF6-50	851-866 MHZ
5	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NW	LDF6-50	851-866 MHZ
6	DB-264A	DECIBEL	PBC CERT (F)	S-600	ANDREW	370'	6'	OMNI	S	LDF5-50	154.650MHz
7	DB810E-PS	ANDREW	PBC 700MHz (F)	S-600	ANDREW	340'	6'	OMNI	NE	LDF6-50	700 MHZ (NOTE 1)
8A (*)	LNx-6512DS-T4M	Compscope	PBC 700MHz (F)	S-600	ANDREW	315'	6'	Dir	S	LDF6-50	700 MHZ (NOTE 1)
8B (*)	LNx-6512DS-T4M	Compscope	PBC 700MHz (F)	S-600	ANDREW	315'	6'	Dir	NE	LDF6-50	700 MHZ (NOTE 1)
8C (*)	LNx-6512DS-T4M	Compscope	PBC 700MHz (F)	S-600	ANDREW	315'	6'	Dir	NW	LDF6-50	700 MHZ (NOTE 1)
9	DB636C	DECIBEL	PBCFR COUNTYWIDE PAGING	B3116	VALMONT	340'	6'	OMNI	S	LDF5-50	453.1500
10 **	DB-420	DECIBEL	EMS MED COM RX	SA3XXLP	ROHN	315' (C 280' (F))	5'	OMNI	S	LDF5-50	RX ONLY
11	DB-809KT3E-XC	ANDREW	COUNTY800MHz CONV. RPT	S600	ANDREW	280'	6'	OMNI	NE	LDF5-50	809.735MHz
12	DB-420	DECIBEL	FIRE RESCUE CMD REPEATER	SA3XXLP	ROHN	265'	5'	OMNI	S	LDF5-50	453.1500
13	DB-264A	DECIBEL	FIRE RESCUE VHF RPTR	SA3XXLP	ROHN	235'	5'	OMNI	S	LDF5-50	154.0700
14	DB-264A	DECIBEL	WUD, AMI ANTENNA	SA3XXLP	ROHN	205'	5'	OMNI	S	LDF5-50	-
15	DB-420	DECIBEL	FIRE RESCUE BACK UP ANT	SA3XXLP	ROHN	205'	5'	OMNI	NW	LDF5-50	453.1500
16A	PAR6-59	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	195'	N/A	179	S	EW-52	6034.15 MHz
16B	AU-ANT-17-90	ALVARION	PBC PTP ODU ANTENNA	CUSTOM	CUSTOM	195'	N/A	TBD	S	CAT5	5.1-5.8 GHZ
17	TDF-6322A	MOTOROLA	COUNTY TEST ANTENNA	2' PIPE	CUSTOM	185'	N/A	OMNI	NW	LDF5-50	800MHZ
18	PAR6-65A	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	165'	N/A	179	S	EW-63	6034.15 MHz
19A	PAR6-65ARF	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	165'	N/A	281	NW	EW-63	6865.00 MHz
19B	AU-ANT-17-90	ALVARION	PBC PTP ODU ANTENNA	CUSTOM	CUSTOM	165'	N/A	TBD	NW	CAT5	5.1-5.8 GHZ
20	PAR6-65A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	155'	N/A	80	NE	EW-63	6715.00MHZ
21	UHX6-65-P4A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	155'	N/A	282	NW	EW-63	6785.00MHZ
22	PAR6-59	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	150'	N/A	61	NE	EW-52	5974.85 MHz
23	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	350		LDF7-50	869-891 MHZ
24	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	350		LDF7-50	1848-1948 MHZ
25	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	110		LDF7-50	869-891 MHZ
26	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	110		LDF7-50	1848-1948 MHZ
27	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	230		LDF7-50	869-891 MHZ
28	800 10122	KATHREIN	AT&T WIRELESS	CUSTOM	CUSTOM	145'	N/A	230		LDF7-50	1848-1948 MHZ
29	PAR6-65A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	135'	N/A	178	S	EW-63	6775.00MHZ
30	PAR6-65A	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	130'	N/A	72	NE	EW-63	6845.00 MHz
31	DB-222	DECIBEL	COUNTY MOSCAD	B2183	MICROFLECT	105'	1'	OMNI	NW	LDF4-50	159.1500
32A *	KMW ET-X-W-68-14-65-1	KMW	AT&T WIRELESS	VF13-30-B (**)	CONNECT-IT	90'	4'	230		LDF7-50	689-894//1710-2170
32B *	KMW ET-X-W-68-14-65-1	KMW	AT&T WIRELESS			90'		230			689-894//1710-2170

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32C*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS			90'		230			689-894/1710-2170
32D*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	230		DC & Fiber	743
32E*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	230		DC & Fiber	743
32F*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	230		DC & Fiber	743
32G*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	230		DC & Fiber	743
32H*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	230		DC & Fiber	743
33A*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS	VF13-30-B (**)	CONNECT-IT	90'	4'	110		LDF7-50	689-894/1710-2170
33B*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS			90'		110		LDF7-50	689-894/1710-2170
33C*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS			90'		110		LDF7-50	689-894/1710-2170
33D*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	110		DC & Fiber	743
33E*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	110		DC & Fiber	743
33F*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	110		DC & Fiber	743
33G*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	110		DC & Fiber	743
33H*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	110		DC & Fiber	743
34A*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS	VF13-30-B (**)	CONNECT-IT	90'	4'	350		LDF7-50	689-894/1710-2170
34B*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS			90'		350		LDF7-50	689-894/1710-2170
34C*	KMW ET-X-W-08-14-65-I	KMW	AT&T WIRELESS			90'		350		LDF7-50	689-894/1710-2170
34D*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	350		DC & Fiber	743
34E*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	350		DC & Fiber	743
34F*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	350		DC & Fiber	743
34G*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	350		DC & Fiber	743
34H*	RRH		AT&T WIRELESS		ERICSSON	90'	N/A	350		DC & Fiber	743

Notes:

(*) Proposed to install future panel antennas # 8A, B & C (LNK-6512DS-T4M) in place of once (1) DBB10E-PS at 315' level. Omni antenna DBB10E-PS at 315' were include on Pate's Structure study dated April 3, 2012. New tower structural study is required when panel antennas LNK-6512DS-T4M are going to be installed on the tower.

* Antenna and equipment mount on the same antenna mount on each tower faces, Sector A, B & C Connect-IT - model # VF13-30-B (**).

** Future, antenna to be relocated from 315' to 280' level on S leg, once 700MHz panel antennas are installed. Currently, antenna DB420 at 315' was on Pate's Structure study dated April 3, 2012.

(C) CURRENT; (F) FUTURE.

NOTE 1: PALM BEACH COUNTY FUTURE PLAN 700MHZ FREQUENCIES					
Regional ID Project	RX	TX	700 Mutual Aid	RX	700 Broadband
770.7625	800.7625	769.24375	769.24375	799.24375	TX RX
772.2875	802.2875	769.74375	769.74375	799.74375	758-763 788-793
773.3875	803.3875	770.24375	770.24375	800.24375	
773.9375	803.9375	770.59375	770.59375	800.59375	
774.7375	804.7375	773.25625	773.25625	803.25625	
		773.75625	773.75625	803.75625	
		774.25625	774.25625	804.25625	
		774.85625	774.85625	804.85625	

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EXHIBIT "D"
PALM BEACH COUNTY ELECTRONIC SERVICE AND SECURITY DIVISION
800MH SYSTEM FREQUENCIES
SITE NAME: Forest Hill Tower
03-31-2015

TRANSMIT	RECEIVE	USER	NOTE
852.7625	807.7625	PBC 800MHz Trunked System	1
852.5750	807.5750	PBC 800MHz Trunked System	1
853.7250	808.7250	PBC 800MHz Trunked System	1
852.3750	807.3750	PBC 800MHz Trunked System	1
857.3125	812.3125	PBC 800MHz Trunked System	1
852.3250	807.3250	PBC 800MHz Trunked System	1
852.1000	807.1000	PBC 800MHz Trunked System	1
851.8500	806.8500	PBC 800MHz Trunked System	1
851.8250	806.8250	PBC 800MHz Trunked System	1
851.7500	806.7500	PBC 800MHz Trunked System	1
851.6250	806.6250	PBC 800MHz Trunked System	1
851.6000	806.6000	PBC 800MHz Trunked System	1
851.3500	806.3500	PBC 800MHz Trunked System	1
851.3250	806.3250	PBC 800MHz Trunked System	1
851.1250	806.1250	PBC 800MHz Trunked System	1
851.1000	806.1000	PBC 800MHz Trunked System	1
860.3375	815.3375	PBC 800MHz Trunked System	1
859.3375	814.3375	PBC 800MHz Trunked System	1
852.4000	807.4000	PBC 800MHz Trunked System	1
857.3375	812.3375	PBC 800MHz Trunked System	1
856.3375	811.3375	PBC 800MHz Trunked System	1
860.3125	815.3125	PBC 800MHz Trunked System	1
853.7000	808.7000	PBC 800MHz Trunked System	1
853.6500	808.6500	PBC 800MHz Trunked System	1
853.3750	808.3750	PBC 800MHz Trunked System	1
853.2250	808.2250	PBC 800MHz Trunked System	1
856.3125	811.3125	PBC 800MHz Trunked System	1
858.3125	813.3125	PBC 800MHz Trunked System	1
770.7625	800.7630	PBC 700MHz IO Project	(2)
772.2875	802.2880	PBC 700MHz IO Project	(2)
773.3875	803.3880	PBC 700MHz IO Project	(2)
773.9375	803.9380	PBC 700MHz IO Project	(2)
774.7375	804.7380	PBC 700MHz IO Project	(2)
769.2438	799.2440	PBC 700MHz Mutual Aid	(2)
769.7438	799.7440	PBC 700MHz Mutual Aid	(2)
770.2438	800.2440	PBC 700MHz Mutual Aid	(2)
770.9938	800.9940	PBC 700MHz Mutual Aid	(2)
773.2563	803.2560	PBC 700MHz Mutual Aid	(2)
773.7563	803.7560	PBC 700MHz Mutual Aid	(2)
774.2563	804.2560	PBC 700MHz Mutual Aid	(2)
774.8563	804.8560	PBC 700MHz Mutual Aid	(2)
758 thru 763	788 thru 793	PBC 700MH Broadband	(2)
5974	6226	PBC Digital Microwave	1
6034	6286	PBC Digital Microwave	1
6845	6685	PBC Digital Microwave	1
6868	6565	PBC Digital Microwave	1
6715	6545	PBC Digital Microwave (IRU600)	1
6785	6625	PBC Digital Microwave (IRU600)	1
6775	6615	PBC Digital Microwave (IRU600)	1
5.1 thru 5.8	-	PBC ISS PTP	(2)
809.735		PBC 800MHz Conv. RPT	1
453.1500	-	PBC FR Paging	1
159.1500	-	PBC MOSCAD	1
154.6500		PBC CERT	(2)
154.0700		PBCFR	1

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EXHIBIT "D"
PALM BEACH COUNTY ELECTRONIC SERVICE AND SECURITY DIVISION
800MH SYSTEM FREQUENCIES
SITE NAME: Forest Hill Tower
03-31-2015

875.5000		AT&T Mobility	1
876.5000		AT&T Mobility	1
881.5000		AT&T Mobility	1
886.5000		AT&T Mobility	1
1942.5000		AT&T Mobility	1
1947.5000		AT&T Mobility	1
889.1 Thru 893.9		AT&T Mobility	1
743		AT&T Mobility	(2)

Note 1: currently used; Note (2) future use.

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