Agenda Item #: 3H-12

## PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS <u>AGENDA ITEM SUMMARY</u>

[] Ordinance [] Public Hearing	Meeting Date:	September 9, 2008	[X] Consent [ ] Ordinance	[ ] Regular [ ] Public Hearing
--------------------------------	---------------	-------------------	------------------------------	-----------------------------------

## **Department:** Facilities Development & Operations

### I. EXECUTIVE BRIEF

# Motion and Title: Staff recommends motion to approve:

- A) a Fifth Amendment to Communication Tower Joint Use Agreement with New Cingular Wireless PCS, LLC, (R96-972D) for the County Communication Tower at Forest Hill Boulevard and the Turnpike; and
- B) a Seventh Amendment to Communication Tower Agreement with New Cingular Wireless PCS, LLC, (R99-312D) for the County Communication Tower at 20 Mile Bend.

**Summary:** The County and New Cingular Wireless PCS, LLC co-locate on two County-owned towers. Each of these Amendments will allow the County to i) install new equipment necessary to support the re-banding of the 800 MHz system; ii) modify the Frequency Lists of each Agreement to reflect frequency changes per the re-banding; and iii) update the Notice provisions for both the County and Cingular. The County will be responsible to obtain all necessary permits and governmental approvals. All equipment improvements will be made by the County at its sole cost. There will be no service interruptions to the County's or Cingular's operations. All other terms of the Agreements remain unchanged. (PREM) <u>District 6</u> (JMB)

**Background and Justification:** The installation of new equipment at these tower sites is necessary to support the County's re-banding of the 800MHz system. The Board has previously approved various amendments to both Agreements for the purposes of equipment upgrades and modifications, generator installations, and updates to the Notice provisions.

#### **Attachments:**

- 1. Location Map(s)
- 2. Fifth Amendment to Communication Tower Joint Use Agreement (Forest Hill)
- 3. Seventh Amendment to Communication Tower Agreement (20 Mile Bend)

Recommended By:	Ark my Worf	8 8 08
	<b>Department Director</b>	Date
Approved By:	Apriler	8/25/08
	<b>County Administrator</b>	Date

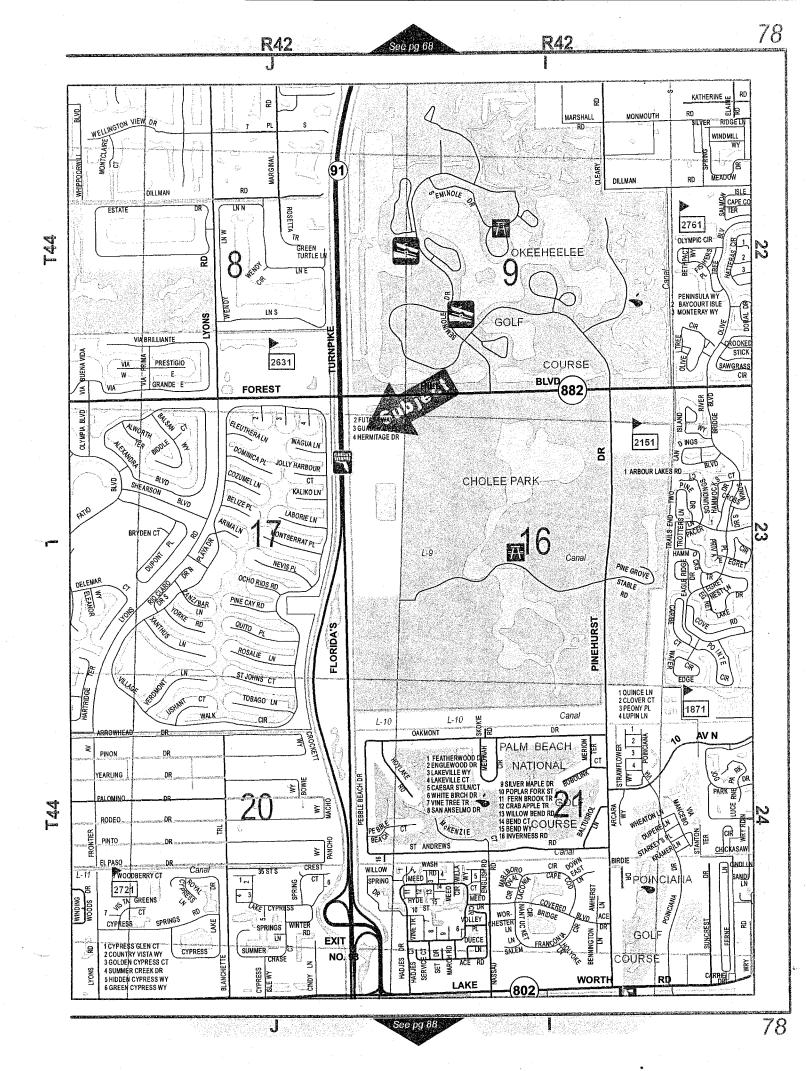
# II. FISCAL IMPACT ANALYSIS

# A. Five Year Summary of Fiscal Impact:

Fiscal Years	2008	2009	2010	2011	2012
Capital Expenditures Operating Costs External Revenues Program Income (County) In-Kind Match (County					
NET FISCAL IMPACT	<u>*</u>	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)					
Is Item Included in Current Budg	get: Yes	N	0		
	Dept		nit	Object	
B. Recommended Sources of I	Funds/Summa	ary of Fiscal	Impact:		
No fiscal impact					
C. Departmental Fiscal Review	w:				
	III. <u>REVIE</u> V	V COMME	<u>NTS</u>		
Atwillhits 8.18. OFMB	$n$ the equilibrium $\frac{1}{2}$	prent in An contract Deve	provene J. Jocol Koppent and	Control	Heterminable 1100 Mply wolf
B. Legal Sufficiency:	122lsq	our i	Nevien	veget én	mply woth ements.
C. Other Department Reviews	:				
Department Director					

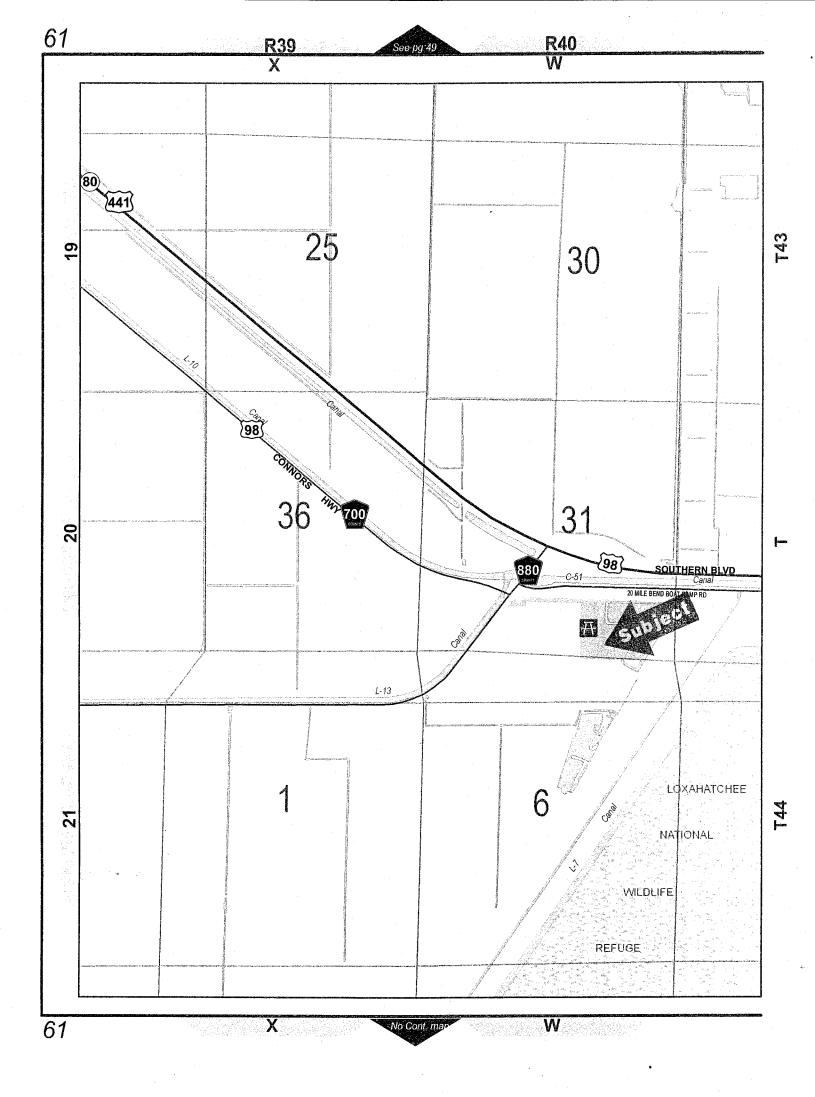
This summary is not to be used as a basis for payment.

G:\PREM\AGENDA\2008\09-09\20M BEND & FORESTHILL TOWERS - ML.DOCX





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# **20 MILE BEND TOWER**

LOCATION MAP

# FIFTH AMENDMENT TO COMMUNICATION TOWER JOINT USE AGREEMENT

\*\*\*\*\*\*

#### between

### PALM BEACH COUNTY, 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

G:\Property Mgmt Section\In Lease\AT&T Wireless Forest Hill\Amend 5\5th Amendment 005.JB app.060908.rev1.final.doc



### FIFTH AMENDMENT TO COMMUNICATION TOWER JOINT USE AGREEMENT

THIS FIFTH AMENDMENT TO COMMUNICATION TOWER JOINT USE AGREEMENT (R96-972-D) (the "Fifth Amendment"), 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, ("Cingular") successor in interest to AT&T Wireless Services of Florida, Inc. a Florida corporation ("AT&T").

#### WITNESSETH:

WHEREAS, COUNTY and AT&T 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 Premises at Forest Hill Blvd and the Turnpike; 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 COUNTY installed an additional emergency backup generator at the tower site, and allowed Cingular to upgrade its antenna and equipment; and

WHEREAS, Cingular acquired AT&T and agreed to be bound by all of the terms and conditions of the COMMUNICATION TOWER JOINT USE AGREEMENT (R-96-972-D), as amended by the FIRST AMENDMENT (R2002-0767), the SECOND AMENDMENT (R2003-1068) and the THIRD AMENDMENT (R2006-0352) TO THE COMMUNICATION TOWER AGREEMENT; 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, COUNTY desires to install new equipment and update the tower frequencies in connection with COUNTY's re-banding of the 800 MHz frequency; and

WHEREAS, in order to accommodate COUNTY's request, it is necessary to modify the Tower Antenna Configuration exhibit and the Frequency List exhibit of the Agreement; and

WHEREAS, COUNTY and Cingular acknowledge and agree (i) that the changes contemplated herein will not adversely affect the structural capacity of the Tower or interfere with the frequencies of users on the Tower, and (ii) that the antenna assignment changes are approved without the need to perform an updated structural or intermodulation study; 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 considerations, 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 Fifth 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 13.03, Notices, is modified to change the addresses for COUNTY and Cingular to:

## (a) If to the COUNTY at:

Palm Beach County Property & Real Estate Management Division Attn: Director 2633 Vista Parkway West Palm Beach, FL 33411-5605

With a copy to: Palm Beach County Attorney's Office Attn: Real Estate Attorney 301 North Olive Avenue Suite 601 West Palm Beach, FL 33401

(b) If to Cingular at:

New Cingular Wireless PCS, LLC Attn.: Network Real Estate Administration Re: Cell Site # WP030 Cell Site Name: WP030/JOG RD Fixed Asset No. 10070035 6100 Atlantic Boulevard Norcross, Georgia 30071

With a copy to: New Cingular Wireless PCS, LLC Attn: Legal Department Re: Cell Site # WP030 Cell Site Name: WP030/JOG RD Fixed Asset No. 10070035 5565 Glenridge Connector Suite 1700 Atlanta, GA 30342 5. Except as modified by this Fifth Amendment, the Agreement, as amended, 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.

IN WITNESS WHEREOF, COUNTY and Cingular have executed this Agreement, 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 By: AT&T Mobility Corporation, its Manager

Carlos Sanchez Network Executive Director

WITNESS:

Print Witness Name

Witness Signature

John F.

Print Witness Signature

ATTEST:

SHARON R. BOCK **CLERK & COMPTROLLER** 

By:\_

Deputy Clerk

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

By: \_\_\_\_\_\_Addie L. Greene, Chairperson

(SEAL)

## APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By:

Assistant County Attorney

APPROVED AS TO TERMS AND CONDITIONS

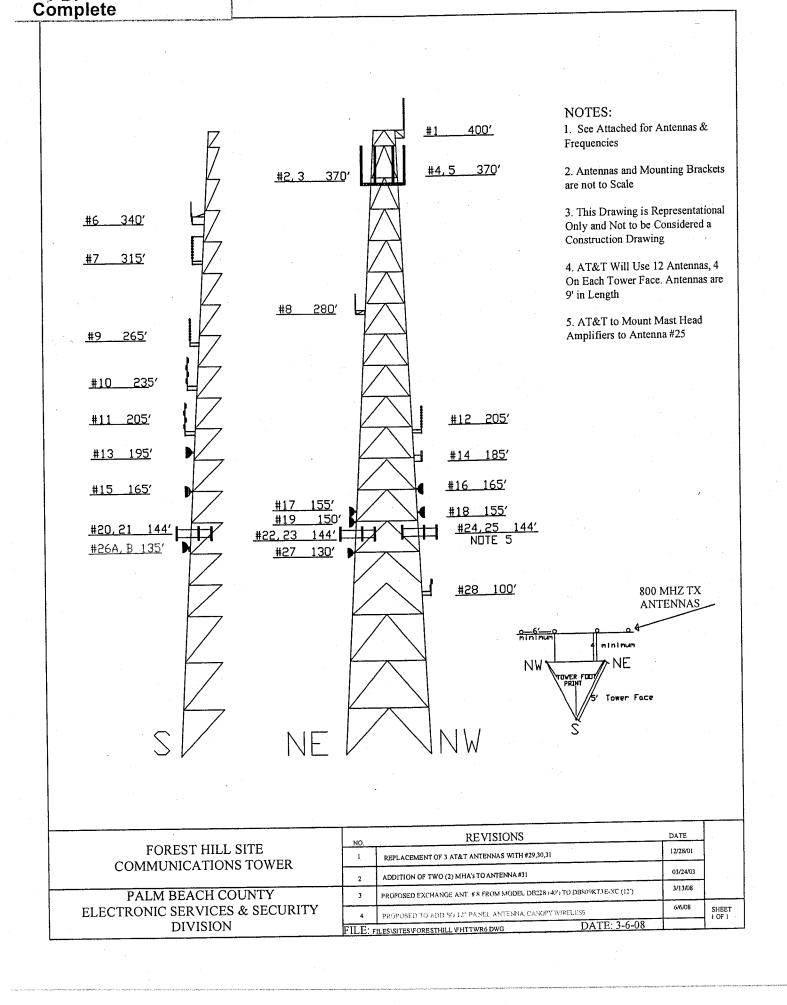
Audrey Wolf, Director Facilities Development & Operations

G:\Property Mgmt Section\In Lease\AT&T Wireless Forest Hill\Amend 5\5th Amendment 005.JB app.060908.rev1.doc

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PDF

# Exhibit "C" Tower Antenna Configuration



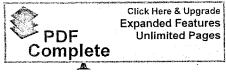


Exhibit "D" Frequency List

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FOREST HILL TOWER ANTENNA SCHEDULE

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ANT#		MFGR	USE	MOUNT	MFR	MOUNTING	STAND OFF	AZIMUTH	LEG	CABLE		CABLE
1	BMR-12H	CELWAVE	COUNTY 800 MHZ RX	CUSTOM	PATEINC	400'	4'	OMNI	TOP	LDF5-50	RX ONLY	33
2	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NE	LDF6-50	856-868 MHZ	29
3	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NE	LDF6-50	856-868 MHZ	. 30
4	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NW	LDF6-50	856-868 MHZ	31
5	BMR-12H	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	PATE INC	370'	6'	OMNI	NW	LDF6-50	856-868 MHZ	32
6	DB636C	DECIBEL	PBCFR COUNTYWIDE PAGING	B3116	VALMONT	340'	6'	OMNI	s	LDF5-50	453.15	N/A
7	DB-420	DECIBEL	EMS MED COM RX	SA3XXLP	ROHN	315'	5'	OMNI	s	LDF5-50	RX ONLY	17
8*	DB-809KT3E-XC	ANDREW	COUNTY800MHz CONV. RPT	S600	ANDREW	280'	6'	OMNI	NE	LDF5-50	809.735MHz	20
9	DB-420	DECIBEL	FIRE RESCUE CMD REPEATER	SA3XXLP	ROHN	265'	5	OMNI	s	LDF5-50	453.15	16
10	DB-264A	DECIBEL	FIRE RESCUE VHF RPTR	SA3XXLP	ROHN	235'	5	OMNI	s	LDF5-50	154.07	15
11	DB-264A	DECIBEL	SHERIFF RX	SA3XXLP	ROHN	205'	5'	OMNI	s	LDF5-50	RX ONLY	13
12	DB-420	DECIBEL	FIRE RESCUE BACK UP ANT	SA3XXLP	ROHN	205'	5'	OMNI	NW	LDF5-50	453.15	21
13	PAR6-59	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	195'	N/A	179	s	EW-52	6034.15 MHz	41
14	TDF-6322A	MOTOROLA	COUNTY TEST ANTENNA	2' PIPE	CUSTOM	185'	N/A	OMNI	NW	LDF5-50		36
15	PAR8-65ARF	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	165'	N/A	179	s	EW-63	6034.15 MHz	40
16	PAR6-65A	ANDREW	COUNTY MICROWAVE	4' PIPÉ	CUSTOM	165'	N/A	281	NW	EW-63	6865.00 MHz	39
17	PAR6-65A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	155'	N/A	80	NE	EW-63		24
18	UHX6-65-P4A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	155'	N/A	282	NW	EW-63	<u> </u>	23
19	PAR6-59	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	150'	N/A	61	NE	EW-52	5974.85 MHz	- 38
20	800 10122	KATHREIN	CINGULAR WIRELESS	CUSTOM	CUSTOM	144'	ļ	120	s	LDF7-50	869-891 MHZ	5,6,7
21	800 10122	KATHREIN	CINGULAR WIRELESS	CUSTOM	CUSTOM	144'		0	NE	LDF7-50	869-891 MHZ	1,2,3
22	800 10122	KATHREIN	CINGULAR WIRELESS	сизтом	CUSTOM	144'	<u></u>	240	NW	LDF7-50	869-891 MHZ	9,10,11
23	800 10122	KATHREIN	CINGULAR WIRELESS	CUSTOM	CUSTOM	144'		120	s	LDF7-50	1848-1948 MHZ	8
24	800 10122	KATHREIN	CINGULAR WIRELESS	CUSTOM	CUSTOM	144'	<u> </u>	0	NE	LDF7-50	1848-1948 MHZ	4
25	800 10122	KATHREIN	CINGULAR WIRELESS	CUSTOM	CUSTOM	144'		240	NW	LDF7-50	1848-1948 MHZ	12
26A	PAR6-65A	ANDREW	SHERIFF MICROWAVE	4' PIPE	CUSTOM	135'	N/A	178	s	EW-63		37
26B**	12' PANEL ANTENNA (2 EA.)	MOTOROLA	SHERIFF'S OFFICE CANOPY WIRELESS	Same as 26A	Same as 26A	135'		MAIN JAIL	FHP LAN	MULTI-C	5.4-5.8GHZ	
27	PAR6-65A	ANDREW	COUNTY MICROWAVE	4' PIPE	CUSTOM	130'	N/A	72	NE	EW-63	6845.00 MHz	38
28	DB-222 Proposed to exchange	DECIBEL	COUNTY MOSCAD (40') antenna to new Andrew DB809KT3E->	B2183	MICROFLECT	100'	1'	OMNI	NW	LDF4-50	159,1500	35

Proposed to exchange exisiting DB268A(40') antenna to new Andrew DB809KT3E-XC (12') Proposed to add Sheriff's Office 12" panel antenna, control box and multiconductorcontrol cable cable on the same mount as of exisiting MW dish at 135' level.



AT&T Mobility 5565 Glenridge Connector Suite 1700 Atlanta, GA 30342

# NEW CINGULAR WIRELESS PCS, LLC. ASSISTANT SECRETARY'S CERTIFICATE

I, Carolyn J. Wilder, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of New Cingular Wireless PCS, LLC, a Delaware limited liability company (the "Company"), and as such I am authorized to execute this certificate. In such capacity, I further certify that:

- 1. A Schedule of Authorization (the "Schedule"), required to execute agreements, was duly adopted by the sole Member and sole Manager of the Company, and said Schedule remains in full force and effect on the date hereof.
- 2. Carlos Sanchez, Network Executive Director is authorized and empowered under the current Schedule to execute and deliver in the name of and on behalf of the Company the Fifth Amendment to Communication Tower Joint Use Agreement relating to AT&T Cell Site No. WP030 FA: 10070035, Forest Hill Tower Tower.

IN WITNESS WHEREOF, the undersigned has affixed his signature this 9th day of July, 2008.

Carley q. Willie

Carolyn J, Wilder, Assistant Secretary

AUG - 4 2008

Prood Sponsor of the U.S. Olympic Team

## SEVENTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT

\*\*\*\*\*\*

between

## PALM BEACH COUNTY, FLORIDA

And

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

20 Mile Bend Tower

**Exhibits:** 

Exhibit "B" - Tower Loading Diagram Exhibit "D" – Frequency List

# ATTACHMENT #3

G:\Property Mgmt Section\In Lease\AT&T Tower 20 Mile Bend\Amend 7\7th Amendment 004.JB app.060908.rev1.final.doc

#### SEVENTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT

THIS SEVENTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R99-312-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, ("Cingular") successor in interest to AT&T Wireless Services of Florida, Inc. ("AT&T").

#### WITNESSETH:

WHEREAS, COUNTY is the owner of certain real property in Palm Beach County, Florida, located at 20 Mile Bend; and

WHEREAS, COUNTY constructed a 400-foot self-supporting communications tower upon the Property; and

WHEREAS, AT&T installed, operated and maintained AT&T cellular communications equipment on the Tower pursuant to a COMMUNICATION TOWER AGREEMENT between COUNTY and AT&T dated February 23, 1999 (R99-312-D)(the "Agreement"); and

WHEREAS, the FIRST AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2002-0765) ("FIRST AMENDMENT") allowed AT&T to make additions and improvements to its antennas and equipment; and

WHEREAS, the SECOND AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2003-1067) ("SECOND AMENDMENT") allowed AT&T to make additions and improvements to its antennas and equipment; and

WHEREAS, the THIRD AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2004-2499) (the "THIRD AMENDMENT") allowed AT&T to upgrade its antenna and equipment; and

WHEREAS, Cingular acquired AT&T and agreed to be bound by all of the terms and conditions of the Agreement (R-99-312D), as amended by the FIRST AMENDMENT (R2002-0675), SECOND AMENDMENT (R2003-1067) and THIRD AMENDMENT (R2004-2499) to the COMMUNICATION TOWER AGREEMENT; and

WHEREAS, the FOURTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2005-1498) (the "FOURTH AMENDMENT") allowed the COUNTY to relocate the antenna locations for two County users on the Tower; and

WHEREAS, the FIFTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2006-0856) (the "FIFTH AMENDMENT") 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 SIXTH AMENDMENT TO COMMUNICATION TOWER AGREEMENT (R2007-0955) (the "SIXTH AMENDMENT") modified the Tower Site Plan exhibit to allow Cingular to install a generator on the Property; and

WHEREAS, COUNTY desires to install new equipment and update the tower frequencies in connection with COUNTY's re-banding of the 800 MHz frequency; and

WHEREAS, in order to accommodate COUNTY's request, it is necessary to modify the Tower Loading Diagram exhibit and the Frequency List exhibit of the Agreement; and

WHEREAS, COUNTY and Cingular acknowledge and agree (i) that the installation of equipment and updating of tower frequencies contemplated herein will not adversely affect the structural capacity of the Tower or interfere with the frequencies of users on the Tower, and (ii) that the antenna assignment changes are approved without the need to perform an updated structural or intermodulation study; 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 considerations, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. All defined terms used in this Seventh Amendment shall have the same meaning and effect as in the Agreement, as amended.

2. Exhibit "B" (Tower Loading Diagram) of the Agreement, as amended, is hereby replaced with Exhibit "B" (Tower Loading Diagram) attached hereto.

3. Exhibit "D" (Frequency List) of the Agreement, as amended, is hereby replaced with Exhibit "D" (Frequency List) attached hereto.

4. Section 12.03(a), Notices, is revised to designate the following address for Cingular:

New Cingular Wireless PCS, LLC Attn: Network Real Estate Administration RE: Cell Site #: WP046; Cell Site Name: 20 Mile Bend Fixed Asset #: 10070026 6100 Atlantic Boulevard Norcross, Georgia 30071

With copy to: New Cingular Wireless PCS, LLC Attn: Legal Department Re: Cell Site #: WP046 Cell Site Name: 20 Mile Bend Fixed Asset #: 10070026 5565 Glenridge Connector Suite 1700 Atlanta, GA 30342

5. Section 12.03(b), Notices, is modified to designate the following address for COUNTY:

Palm Beach County Property & Real Estate Management Division Attn: Director 2633 Vista Parkway West Palm Beach, FL 33411-5605 6. Except as modified by this SEVENTH AMENDMENT, the Agreement, as amended by the FIRST AMENDMENT, SECOND AMENDMENT, THIRD AMENDMENT, FOURTH AMENDMENT, FIFTH AMENDMENT, and SIXTH AMENDMENT 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.

(The remainder of this page intentionally left blank)

IN WITNESS WHEREOF, COUNTY and Cingular 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.

WITNESS:

Signature

Print Witness Name

Unite Brom

Signature Anita Brommer

Print

NEW CINGULAR WIRELESS PCS, LLC, a Delaware limited liability company By: AT&T Mobility Corporation, its Manager By:\_

Carlos Sanchez Network Executive Director

8-1-08 Date:

(SEAL)

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

ATTEST:

SHARON R. BOCK CLERK & COMPTROLLER

APPROVED AS TO FORM

AND LEGAL SUFFICIENCY

Assistant County Attorney

By:\_

By:

Deputy Clerk

By:\_

Addie L. Greene, Chairperson

(SEAL)

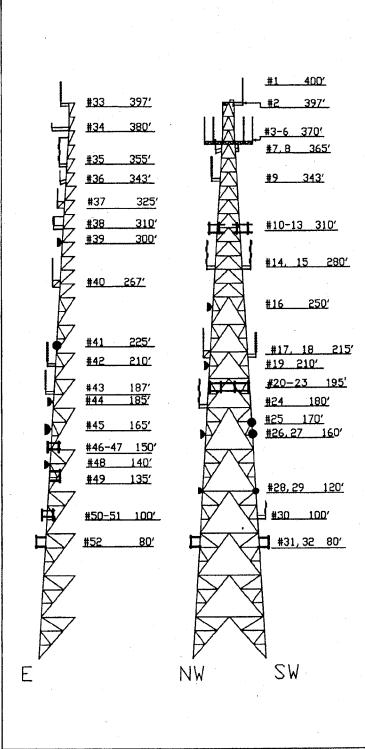
APPROVED AS TO TERMS AND CONDITIONS

By: ILEH

Audrey Wolf, Director Facilities Development & Operations

G:\Property Mgmt Section\In Lesse\AT&T Tower 20 Mile Bend\Amend 7\7th Amendment 004.JB app.060908.rev1.doc

#### EXHIBIT "B" Tower Loading Diagram



NOTES:

I. SEE ATTACHED TABLE FOR ANTENNA AND CABLE DETAILS

2. THE DRAWING IS CONCEPTUAL ONLY AND NOT TO BE CONSIDERED A CONSTRUCTION DRAWING.

3. THE DRAWING IS NOT TO SCALE

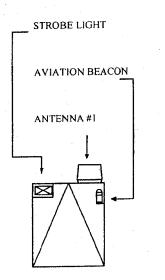
4. THIS DRAWING IS FOR ENGINEERING PURPOSES ONLY

5. SITE LOCATION DETAILS:

	LATITUDE :	23-41-03 N
	LONGITUDE:	80-23-23 W
	TOWER HEIGHT AGL:	400'
,	FACE WIDTH AT GROUND:	53'
	SITE ELEVATION AMSL:	18'
	TOWER ORIENTATION:	E = 90  Deg

E = 90 Degrees SW = 210 Degrees NW = 320 Degrees

6. THE TOWER TOP STROBE AND AVIATION BECON MUST BE MOUNTED BELOW THE #1 ANTENNA TO AVOID OBSTRUCTING RECEPTION FOR THE INTERNAL 360 DEGREE ROATING DISH



20 MILE BEND		REVISIONS	DATE	
COMMUNICATIONS TOWER	1	ADDED COUNTY 800 MHZ TRS ANTENNAS	1/28/01	
	2	ADD AT&T ANTENNAS	12/31/01	
PALM BEACH COUNTY	3	ADD METRO PCS ANTENNAS	05/03/05	
ELECTRONIC SERVICES AND	4	ADD SO MW DISHES, WU, SFWM ANTENNAS	04/23/07	
SECURITY DIVISION		Files Snew 20MileHend (TowerFichthats/20MileTower3	DATE: 04/23/2007	Sheet 1 of 1



# PALM BEACH COUNTY

Electronics Services Security Division

#### 20 Mile Bend Antenna Schedule

							MOUNTING	STAND	- AZIMUTH	LEG	CABLE	TX FREQ
	网络石灰石 网络石灰石 化等于可能的	STATISTICS CONTRACTORS IN THE REPORT OF T	MFGR	USE	CARGE AND A CONTRACT OF A DESCRIPTION OF A	UNITED DECKERS ( 2 STREED ROUTE) AS FORMED	400'	N/A		TOP	LDF4-50	RX ONLY
	*1	903655-1	ULTRASCAN	CHANNEL 20 LIVE RETURN	CUSTOM	CUSTOM		6'	OMNI	SW	LDF6-50	RX ONLY
	2	BMR12-O	CELWAVE	COUNTY 800 MHZ RX	CUSTOM	CELWAVE	397'	0 12'	OMNI	W FACE	LDF6-50	856-868 MHz
	3	BMR12-O	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	CUSTOM	370'	12 6'	OMNI	W FACE	LDF6-50	856-868 MHz
	4	BMR12-O	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	CUSTOM	370'	, in the second se	OMNI	W FACE	LDF6-50	856-868 MHz
	5	BMR12-O	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	CUSTOM	370'	12' 6'		W FACE	LDF6-50	856-868 MHz
	6	BMR12-O	CELWAVE	COUNTY 800 MHZ TX	CUSTOM	CUSTOM	370'	6'	OMNI 230	NW NW	EW17	2155
	7	B24SAH-W	RFS	CHANNEL 20 MDS 1 WEST	CUSTOM	PIROD	365'	6'		SW	EW17 EW17	TBD
	* 8	63500	ANDREW	CHANNEL 20 MDS 2 WEST	CUSTOM	TBD	365'		TBD			460,4250 MHz
	* 9	DB-420B	DECIBEL	SHERIFF UHF SPARE	CUSTOM	CUSTOM	343'	6'	OMNI	NW	LDF5-50	869-891 MHZ &
	10	AP 742-266	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	310'	6'	270	NW	LDF7-50	1848-1948 MHz
Manage 1 1	11	AP 742-266	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	310'	6'	270	NW	LDF7-50	869-891 MHZ & 1848-1948 MHz
	12	AP 742-266	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	310'	6'	270	ŚW	LDF7-50	869-891 MHZ & <u>1848-1948 MHz</u> 869-891 MHZ &
ĺ	13	AP 742-266	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	310'	6'	270	SW	LDF7-50	1848-1948 MHz
	*14	DB-264A	DECIBEL	COUNTY VHF SPARE	CUSTOM	CUSTOM	280'	6'	OMNI	NW	TBD	TBD
	*15	DB-264A	DECIBEL	COUNTY VHF SPARE	CUSTOM	CUSTOM	280'	6	OMNI	SW	TBD	TBD
۲.	*16	PAR6-65A	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	250'	N/A	TBD	NW	EWP-63	6565
	*17	DB812K-XT	DECIBEL	COUNTY 800 SPARE	SA6XXPL	ROHN	215'	6'	OMNI	NW	LDF7-50	SPARE
	*18	DB420B	DECIBEL	COUNTY UHF SPARE	SA6XXPL	ROHN	215'	6'	OMNI	SW.	LDF5-50	SPARE
	*19	PAR6-65A	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	210'	N/A	TBD	Ε	EWP-63	6565
	*20	AP22 1850	SCALA	FUTURE PCS USER	CUSTOM	CUSTOM	195'	TBD	120	NW	LDF7-50	TBD
	*21	AP22 1850	SCALA	FUTURE PCS USER	CUSTOM	CUSTOM	195'	TBD	120	NW	LDF7-50	TBD
	*22	AP22 1850	SCALA	FUTURE PCS USER	CUSTOM	CUSTOM	195'	TBD	120	SW	LDF7-50	TBD
	*23	AP22 1850	SCALA	FUTURE PCS USER	CUSTOM	CUSTOM	195'	TBD	120	SW	LDF7-50	TBD
	*24	DB264A	DECIBEL	COUNTY VHF SPARE	SA6XXPL	ROHN	180'	6'	OMNI	NW	LDF5-50	TBD
	25	PAR6-65A	ANDREW	PBSO MICROWAVE	4.5' PIPE	CUSTOM	170'	N/A	TBD	SW	EWP-63	TBD
	26	PAR6-65A	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	160'	N/A	303	NW	EWP-63	6635 MHz
	27	PAR6-59	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	160'	N/A	263	SW	EWP-63	6286 MHz
	28	PL4-65	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	120'	N/A	303	NW	EWP-52	6635 MHz
	29	PL4-59	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	120'	N/A	263	SW	EWP-63	6286 MHz
	30	DB-222	DECIBEL	MOSCAD	SA6XXPL	ROHN	100'	6'	OMNI	SW	LDF4-50	195.15
	* 31	DL-2412	ANDREW	SFWM	TBD	TBD	80'	6'	TBD	SW	EW20	TBD

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Exhibit "D" Frequency List 3/14/2008



#### PALM BEACH COUNTY Electronics Services Security Division

#### 20 Mile Bend Antenna Schedule

··· .	ANT #	ANTENNA TYPE	MFGR	USE	MOUNT	MFR		addinated of the state of the state	AZIMUTH	LEG	CABLE	TX FREQ
	* 32	DL-2412	ANDREW	SFWM	TBD	TBD	80'	6'	TBD	NW	EW20	TBD
	*33	DB-420B	DECIBEL	PBSO - MDT	SA6XXPL	ROHN	397'	6'	OMNI	E	LDF5-50	460.425
0	34	B8SSV-W	RFS	CH 20 MDS1 - EAST	N/A	ANDREW	380'	N/A	100	E FACE	EW17	2154.75
	35	DB224	DECIBEL	EOC / RACES	SA6XXPL	ROHN	355'	6'	OMNI	E	LDF5-50	147.360 MHz
	*36	63502A	ANDREW	CH 20 MDS2A - EAST	N/A	ANDREW	343'	N/A	E CARDIOD	E	EW1,7	2154.75
	37	DB636C	DECIBEL	PBCFR PAGING	B3117	VALMONT	325"	8'	OMNI	E	LDF5-50	453.150
	38	DB408	DECIBEL	EOC / RACES	SA6XXPL	ROHN	310'	6'	OMNI	E	LDF5-50	444.275 MHz
	39	P6-59D	ANDREW	CHANNEL 20 MICROWAVE	4.5" PIPE	CUSTOM .	300'	N/A	TBD	E	EWP63	6555
	*40	DB812K-XT	DECIBEL	COUNTY 800 SPARE	SA6XXPL	ROHN	267'	6'	OMNI	E	LDF7-50	SPARE
· · · · · · · · · · · · · · · · · · ·	41	PAR6-65A	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	225'	N/A	76	. E	EWP-63	6565 MHz
ist	*42	DB420B	DECIBEL	PBSO, PBCFR, UHF RX	SA6XXPL	ROHN	210'	6'	OMNI	E	LDF5-50	TBD
	43	DB420B	DECIBEL	WATER UTILITIES TELEMETRY	SA6XXPL	ROHN	187'	6'	OMNI	E	LDF5-50	460.5250/465.5250
Ś	44	PAR6-65A	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	185'	N/A	76	E	EWP-63	6565 MHz
<b>N</b>	45	PAR8-65ARF	ANDREW	COUNTY MICROWAVE	4.5' PIPE	CUSTOM	165'	N/A	101	E	EWP-63	6685 MHz
Frequency	46	AP-800-10121	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	150'	6'	90	E	LDF7-50	869-891 MHZ & 1848-1948 MHz
Fre	47	AP-800-10121	SCALA	AT&T WIRELESS	CUSTOM	CUSTOM	150'	6'	90	Е	LDF7-50	869-891 MHZ & 1848-1948 MHz
	48	PAR6-65A	ANDREW	PBSO MICROWAVE	4.5' PIPE	CUSTOM	140'	N/A	TBD	E	W63	TBD
	*49	730136	KATHREIN	FUTURE PCS USER	CUSTOM	CUSTOM	135'	TBD	90	E	LDF7-50	TBD
	*50	730136	KATHREIN	FUTURE PCS USER	CUSTOM	CUSTOM	100'	TBD	90	E	LDF7-50	TBD
	*51	730136	KATHREIN	FUTURE PCS USER	CUSTOM	CUSTOM	100'	TBD	90	E	LDF7-50	TBD
	* 52	DL-2412	ANDREW	SFWM	CUSTOM	CUSTOM	80'	6'	TBD	E	EW20	TBD

\* LISTED ANTENNAS NOT INSTALLED, REFERENCE FOR FUTURE TOWER USE

MW dish # 25, # 48 and antenna # 43 to be installed on 20 Mile Bend.

Page 2 of 2

Exhibit "D"



Proud Sponsor of the U.S. Olympic from

AT&T Mobility 5565 Glenridge Connector Suite 1700 Atlanta, GA 30342

# NEW CINGULAR WIRELESS PCS, LLC. ASSISTANT SECRETARY'S CERTIFICATE

I, Carolyn J. Wilder, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of New Cingular Wireless PCS, LLC, a Delaware limited liability company (the "Company"), and as such I am authorized to execute this certificate. In such capacity, I further certify that:

- 1. A Schedule of Authorization (the "Schedule"), required to execute agreements, was duly adopted by the sole Member and sole Manager of the Company, and said Schedule remains in full force and effect on the date hereof.
- 2. Carlos Sanchez, Network Executive Director is authorized and empowered under the current Schedule to execute and deliver in the name of and on behalf of the Company the Seventh Amendment to Communication Tower Agreement relating to AT&T Cell Site No. WP046 FA: 10070026, 20 Mile Bend Tower.

IN WITNESS WHEREOF, the undersigned has affixed his signature this 9th day of July, 2008.

Caroling Culided

Carolyn J, Wilder, Assistant Secretary