# COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

PUBLIC SERVICE COMMISSION

In the matter of:

THE APPLICATION OF EAST KENTUCKY NETWORK	)
LIMITED LIABILITY COMPANY FOR THE ISSUANCE	)
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND	) CASE No. 2012-00267
NECESSITY TO CONSTRUCT A TOWER IN HARLAN	)
COUNTY, KENTUCKY).	

East Kentucky Network, LLC, d/b/a Appalachian Wireless, was granted authorization to provide Personal Communications Service ("PCS") in the Middlesboro-Harlan, KY Basic Trading Area (BTA295) by the Federal Communications Commission (FCC). FCC license is included as Exhibit 1. East Kentucky Network, LLC merger documents were filed with the Commission on February 2, 2001 in Case # 2001-022.

In an effort to improve service in Harlan County, East Kentucky Network, LLC pursuant to KRS 278.020 Subsection 1 and 807 KAR 5:001 Section 9 is seeking the Commission's approval to construct a 180 foot self-supporting tower on a tract of land located approximately 3700' East of the Junction of Hwy 421 & Crummies Road, Crummies, Harlan County, Kentucky (36°46'03.78"N 83°11'52.96"W). A map and detailed directions to the site can be found in Exhibit 8.

Exhibit 2 is a list of all Property owners or residents according to the property valuation administrator's record who reside or own property within 500 feet of the proposed tower in accordance with the Public Valuation Administrator. No other properties are contiguous with East Kentucky Network's property.

Pursuant to 807 KAR 5:063 Section 1 (1)(L) and Section 1(1)(n)(1) all affected property owners according to the property valuation administrator's record who reside or own property within 500 feet of the proposed Tower were notified by certified mail return receipt requested of East Kentucky Network, LLC's proposed construction and informed of their right to intervene.

They were given the docket number under which this application is filed. Enclosed in Exhibit 2 is a copy of that notification.

Harlan County has no formal local planning unit. In absence of this unit the Harlan County Judge Executive's office was notified by certified mail, return receipt requested of East Kentucky Network Limited Liability Company's proposal and informed of their right to intervene. They were given the docket number under which this application is filed. Enclosed in Exhibit 3 is a copy of that notification.

Notice of the location of the proposed construction will be published in the Harlan Daily Enterprises's August 11<sup>th</sup> & 18<sup>th</sup> editions. Enclosed is a copy of that notice in Exhibit 3. The Harlan Daily Enterprise is the newspaper with the largest circulation in Harlan County.

A geologist was employed to determine soil and rock types and to ascertain the distance to solid bedrock. The geotechnical report is enclosed as Exhibit 4.

A copy of the tower design information is enclosed as Exhibit 5. The proposed tower has been designed by engineers at Allstate Tower and will be constructed under their supervision.

Their qualifications are evidenced in Exhibit 5 by the seal and signature of the registered professional engineer responsible for this project.

The tower will be erected by S & S Tower Services of St. Albans, West Virginia. S & S Tower Services has vast experience in the erection of communications towers.

FAA and Kentucky Airport Zoning Commission applications are included as Exhibit 6.

No Federal Communications Commission approval is required prior to construction of this facility. Once service is established from this tower we must immediately notify the Federal Communications Commission of its operation. Prior approval is needed only if the proposed facility increases the size of the cellular geographic service area. This cell site will not expand the cellular geographic service area.

East Kentucky Network, LLC will finance the subject Construction with earned surplus in its General Fund.

Estimated Cost of Construction \$ 350,000.00 Annual Operation Expense of Tower \$ 12,500.00

Two notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2), measuring at least two (2) feet in height and four (4) feet in width and containing all required language in letters of required height, have been posted, one at a visible location on the proposed site and one on the nearest public road. The two signs were posted on June 28, 2012 and will remain posted for at least two weeks after filing of this application as specified.

Enclosed in Exhibit 9 is a copy of East Kentucky Network LLC's memorandum of lease with deed description to the site.

The proposed construction site is on a very rugged mountaintop some feet from the nearest structure. Prior to construction the site was wooded.

Due to the steep hillside surrounding the proposed site, the property in close proximity is unsuitable for any type of development. East Kentucky Network LLC's operation will not affect the use of nearby land nor its value. No more suitable site exists in the area. A copy of the search area map is enclosed in Exhibit 8. No other tower capable of supporting East Kentucky Network LLC's load exists in the general area; therefore, there is no opportunity for co-location of our facilities with anyone else.

Enclosed, and filed as Exhibit 10 is a survey of the proposed tower site signed by a Kentucky registered professional engineer.

Exhibit 12 contains a vertical sketch of the tower supplied by Coleman Engineering.

WHEREFORE, Applicant respectfully requests that the PSC accept the foregoing Application for filing, and having met the requirements of KRS [278.020(1), 278.650, and 278.665] and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the proposed tower.

The foregoing document was prepared by Lynn Haney, Compliance Coordinator for East Kentucky Network, LLC d/b/a Appalachian Wireless. All related questions or correspondence concerning this filing should be mailed to East Kentucky Network, LLC d/b/a/ Appalachian Wireless, 101 Technology Trail, Ivel, KY 41642.

SUBMITTED BY:

DATE

Lynn Haney, Compliance Coordinator

APPROVED BY:

DATE:

Gerald Robinette, General Manager

# **CONTACT INFORMATION:**

Gerald Robinette, General Manager Phone: (606) 477-2355, Ext. 110

Email: grobinette110@ekn.com

Lynn Haney, Compliance Coordinator

Phone: (606) 477-2355, Ext. 1007

Email: lhaney@ekn.com

# **Mailing Address:**

East Kentucky Network, LLC d/b/a Appalachian Wireless 101 Technology Trail Ivel, KY 41642

1	FCC License	
2	Copies of Cell Site Notices to Land Owners	
3	Notification of County Judge Executive and Newspaper Advertisement	
4	Universal Soil Bearing Analysis	
5	Tower Design	
6	FAA & Kentucky Airport Zoning Commission Applications	
7	Audited Financial Statements	
8	Driving Directions from County Court House and Map to Suitable Scale	
	Memorandum of Lease for Proposed Site with Deed Description	
10	Survey of Site Signed/Sealed by Professional Engineer Registered in State of Kentucky	
11	Site Survey Map with Property Owners Identified in Accordance with PVA of County	
12	Vertical Profile Sketch of Proposed Tower	

. . .

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**ULS License** 

# PCS Broadband License - WQEF975 - East Kentucky Network, LLC d/b/a Appalachian Wireless

Call Sign

WQEF975

Radio Service

CW - PCS Broadband

Status

Active

12

Auth Type

Regular

Market

Market Submarket MTA044 - Knoxville

Channel Block Α

Associated Frequencies

(MHz)

001850.00000000-001865.00000000 001930.00000000-

001945.00000000

**Dates** 

Grant

11/14/2005

Expiration

06/23/2015

Effective

11/11/2009

Cancellation

**Buildout Deadlines** 

1st

2nd

**Notification Dates** 

1st

2nd

Licensee

FRN

0001786607

Type

Limited Liability Company

Licensee

East Kentucky Network, LLC d/b/a Appalachian

Wireless

101 Technology Trail

Ivel, KY 41642

ATTN Gerald Robinette, Manager

P:(606)477-2355

F:(606)874-7551

# **Contact**

Lukas, Nace, Gutierrez & Sachs, LLP Pamela L Gist Esq 8300 Greensboro Drive McLean, VA 22102

P:(703)584-8665 F:(703)584-8695 E:pgist@fcclaw.com

# **Ownership and Qualifications**

Radio Service

Mobile

Type

Regulatory Status

Common Carrier

Interconnected

Yes

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

# **Basic Qualifications**

The Applicant answered "No" to each of the Basic Qualification questions.

# **Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

# **Demographics**

Race

Ethnicity

Gender

**ULS License** 

Submarket

PCS Broadband License - WQEF975 - East Kentucky Network, LLC d/b/a Appalachian Wireless

# **Counties in Market Area**

Call Sign WQEF975 Radio Service CW - PCS Broadband

Market MTA044 - Knoxville Channel A

Block

12 Associated 001850.00000000-001865.00000000

Frequencies 001930.00000000-001945.00000000

(MHz)

Auction 04 - BB PCS A/B

# Counties in BTA295 - Middlesboro-Harlan, KY

# Return to Market Summary

County, State	FIPS Code	Population†
1 BELL, KY	21013	30060
2 HARLAN, KY	21095	33202
3 LETCHER, KY	21133	25277
4 CLAIBORNE, TN	47025	29862

<sup>†:</sup> Population data is based on 2000 Census.

# **EXHIBIT II: LIST OF PROPERTY OWNERS:**

# Statement Pursuant to Section 1 (1) (I) 807 KAR 5:063

<u>Section 1 (1)(1) 1.</u> The following is a list of every property owner who according to property valuation administrator's records, owns property within 500 feet of the proposed tower and each have been: notified by certified mail, return receipt requested, of the proposed construction,

<u>Section 1 (1)(1) 2.</u> Every person listed below who, according to the property valuation administrator's records, owns property within 500 feet of the proposed tower has been: Given the Commission docket number under which the application will be processed: and

<u>Section 1 (1)(1) 3.</u> Every person listed below who, according to property valuation administrator's records, owns property within 500 feet of the proposed tower has been: Informed of his right to request intervention.

# LIST OF PROPERTY OWNERS

Noah & Eula Surgener P.O. Box 56 Cranks, KY 40820

Cawood Water District 54 Plant Drive Cawood, KY 40815

E-S.P.E.C. LLC 2 Browning Drive Harlan, KY 40831

Clarence Middleton P.O. Box 504 Cranks, KY 40820

Douglas McArthur Middleton Debbie Sue Middleton Matthew Wayne Middleton P.O. Box 138 Cranks, KY 40820

> Curtis Ledford P.O. Box 48 Cranks, KY 40820



August 1, 2012

Noah & Eula Surgener P.O. Box 56 Cranks, KY 40820

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2012-00267)

East Kentucky Network, LLC d/b/a Appalachian Wireless is applying to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service in Harlan County. The facility will include a 180 foot self supporting tower with attached antennas extending upwards, and an equipment shelter on a tract of land located approximately 3700' East of the Junction of Hwy 421 & Crummies Road, Crummies, Harlan County, Kentucky. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you may own property or reside within a 500' radius of the proposed tower or within a 200' radius of the proposed or existing access road.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2012-00267 in your correspondence.

If you have any questions for East Kentucky Network, LLC, please direct them to my attention at the following address: East Kentucky Network, LLC, 101 Technology Trail, Ivel, KY 41642 or call me at 606-477-2355, Ext. 1007.

Sincerely,

Lynn Haney

Compliance Coordinator



August 1, 2012

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Lynn Haney

Compliance Coordinator



August 1, 2012

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August 1, 2012

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Sincerely,

Lynn Haney

Compliance Coordinator



August 1, 2012

Douglas McArthur, Debbie Sue & Matthew Wayne Middleton P.O. Box 138 Cranks, KY 40820

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Sincerely,

Lynn Haney

Compliance Coordinator

WEBSITE: WWW.EKN.COM



August 1, 2012

Curtis Ledford P.O. Box 48 Cranks, KY 40820

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Sincerely.

Lynn Haney

Compliance Coordinator



# VIA: U.S. CERTIFIED MAIL

August 1, 2012

Joe Grieshop, Judge Executive P.O. Box 956 Harlan, KY 40831

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The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

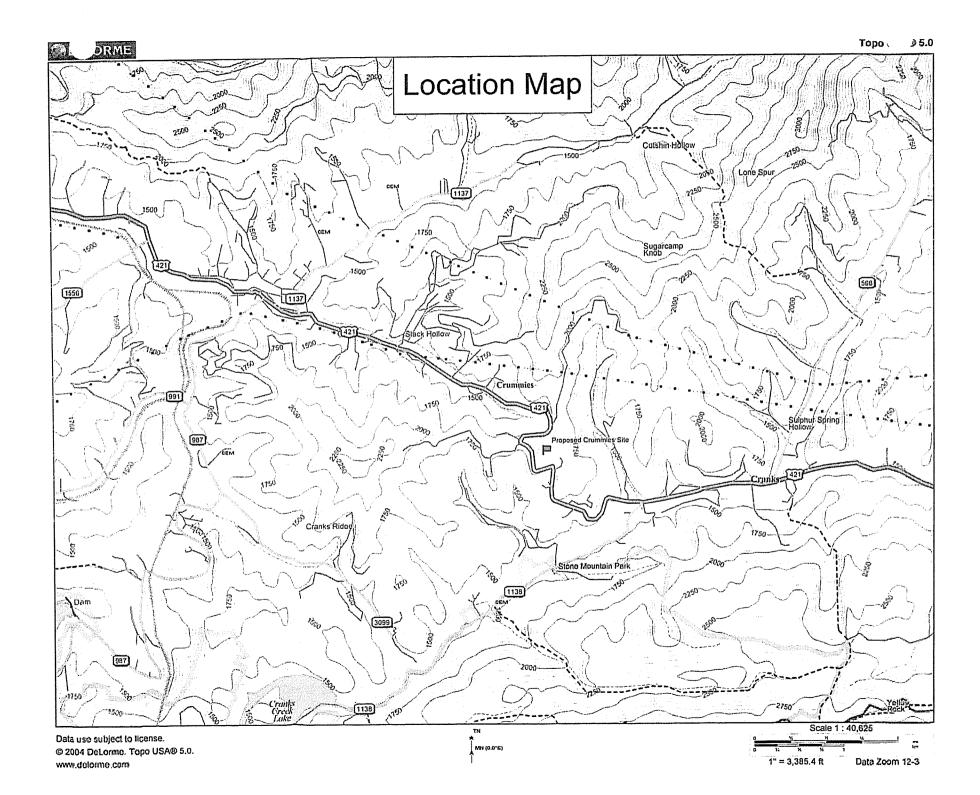
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Sincerely,

Lynn Haney

Compliance Coordinator



# Please place the following Public Notice Advertisement in the Harlan Daily Enterprise's Saturday publication for the next two weeks.

# **PUBLIC NOTICE:**

RE: Public Service Commission of Kentucky (CASE NO. 2012-00267)

Public Notice is hereby given that East Kentucky Network, LLC, dba Appalachian Wireless has applied to the Kentucky Public Service Commission to construct a cellular telecommunications tower on a tract of land located approximately 3700' East of the Junction of Hwy 421 & Crummies Road, Crummies, Harlan County, Kentucky. The proposed tower will be a 180 foot self-supporting tower with attached antennas. If you would like to respond to this notice, please contact the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to Case No. 2012-00267.

If you have any questions about the placement of the above mentioned notice, please call me at 606-477-2355, ext. 1007.

Thank you,

Lynn Haney Compliance Coordinator

# WENDELL R. HOLMES, P.G.

424 Pear Street Hazard, KY 41701 June 1, 2012

# **Crummies Tower Site**

# Purpose:

A site assessment was conducted for Appalachian Wireless on a tract of land located in Harlan County near Crummies, Kentucky. The site of the proposed tower is now forestland. The purpose of this investigation was to determine the depth to bedrock and of what type of rock the bedrock consists.

# Site Investigation:

The trenching method was used to determine the type of bedrock material at the proposed tower site. A Caterpillar excavator was used to expose the bedrock material. It is approximately 6.0 feet to the shale bedrock. (See attached page for descriptions of materials encountered.)

The terrain in Harlan County is moderately to very steep. The tower site is located on a point north of Cranks Creek and approximately one mile southeast of the community of Crummies in Harlan County. The shale formation below the tower site is approximately 10.00 feet thick based on the information obtained from the site investigation and geological maps of the area.

# Conclusions:

The proposed tower site is located on a ridge in the area. The shale bedrock on the proposed tower site is part of the Mingo Formation of the Breathitt Group, and is middle to lower Pennsylvanian in age. Tests were not conducted to determine the load-bearing strength of the bedrock. However, it is apparent that the tower will be constructed on the shale bedrock formation.

The field work for this site was performed by Wendell R. Holmes, using generally accepted methods in the practice of geological science.



# WENDELL R. HOLMES, P.G.

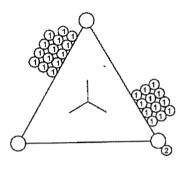
# 424 Pear Street Hazard, Ky. 41701 (606)438-7250

# **Geologist Log**

Location: Crummies Tower Site

Unit Thickness	Total depth	Strata	Description
3.00′	3.00′	Soil	Yellow, Brown with Shale & Plant Fragments
3.00′	6.00′	Soft Shale w/ Clay	Weathered, Soft, Broken, Brown and Gray
10.00′	16.00′	Shale w/ Sandstone	Gray

# 180' 160' 120 100 -80



PLAN VIEW

# PLAN VIEW REF:

- 15/8" FEED LINES
- STEP BOLTS

### MEMBER INFORMATION

SECTION	ELEVATION	FACE SIZE	LEG DIA.	DIAGONALS	GIRTS	# OF BAYS
1	0' - 20'	13'-0"	Ø3 1/2"	L 2 1/2" x 3/16"	N/A	3 - X
2	20' - 40'	11'-6"	Ø3 1/2"	L 2" x 3/16"	N/A	3 - X
3	40' - 60'	10'-0"	Ø3*	L 1 3/4" x 3/16"	N/A	4 - X
4	60' - 80'	8'-6"	Ø3"	L 1 3/4" x 3/16"	N/A	4 - X
5	80' - 100'	7'-0"	Ø3"	L 1 1/2" x 3/16"	N/A	4 - X
6	100' - 120'	5'-6"	Ø2 3/4"	L 1 1/2" x 3/16"	N/A	4 - X
7	120' - 140'	4'-0"	Ø2 3/4*	L 1 3/4" x 3/16"	N/A	4 - X
8	140' - 160'		Ø2 1/4"	L 1 1/2" x 3/16"	N/A	4 - X
9	160' - 180'	4'-0"	Ø1 3/4*	L 1 1/2" x 3/16"	1½" x 3/16"	4 - X

## ANTENNA INFORMATION

ELEVATION	ANTENNA	LINE
135'	(2) 4' STD. DISH W/O RADOME	(1) 1 5/8*
150'	(6) 72"x12"x6" TYP. FLAT PANEL ANT.	(6) 1 5/8 <sup>x</sup>
160"	(6) 72"x12"x6" TYP, FLAT PANEL ANT.	(6) 1 5/8"
170	(6) 72"x12"x6" TYP, FLAT PANEL ANT.	(6) 1 5/8*
180'	(6) 72"x12"x6" TYP. FLAT PANEL ANT.	(6) 1 5/8*



### **DESIGN NOTES:**

- ALL LEGS ARE SOLID ROUND 0.75" AND LARGER ASTM A-572 GRADE : 50 KSI MIN. SOLID ROUND 0.625" AND SMALLER IS ASTM A-36 GRADE : 36 KSI MIN.
- ALL ANGLE MATERIAL IS ASTM A-529 : 50 KSI MIN.
- ALL BRACE AND FLANGE BOLTS ARE A325-X
  THIS TOWER IS DESIGNED FOR STEP BOLTS UP ONE LEG FOR CLIMBING WITH SAFETY CLIMB DEVICE.
- WITH SAFELT CLIMB DEVICE.
  (6) of 114" x 6"-6" LONG (F1554-GR.105) ANCHOR BOLTS PER LEG.
  THIS TOWER IS DESIGNED FOR A 70 MPH BASIC WIND SPEED AND A 60 M.P.H.
  WIND SPEED WITH 0.50" ICE IN ACCORDANCE WITH THE TIA/EIA-222-F STANDARD.

APPROX. WEIGHT 19.4 KIPS

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER INC. IT IS NOT TO BE

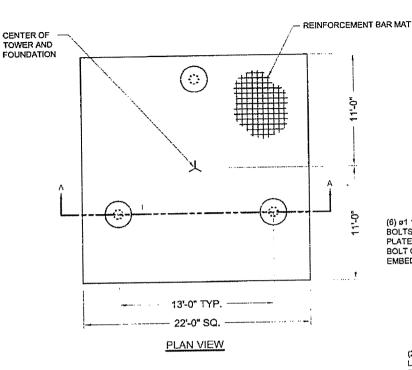
REV #:	DESCRIPTION	DATE	BY	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN:
		4	╀-	INCHES
		<del> </del>	╫	TOLERANCE BANDS:
			$\vdash$	OFBRIE - ELIOH OFBRE XX.
			1_	DRAWN BY: R. DUPONT
SCALE:	NTS			OATE: 7-17-2012

TOWER OVERVIEW APPALACHIAN WIRELESS 180' SELF SUPPORT TOWER CRUMMIES, HARLAN CO., KY. SHEET

ALLSTATE TOWER ING. P.O. BOX 25 HENDERSON, NY 42419 PHONE: (270) 830-8475 FAX: (270) 830-8475 WWY.ALLSTATETOWER.COM

37951F

BASE REACTI	
TOTAL SHEAR	= 11 KIPS
AXIAL LOAD	= 43 KIPS
UPLIFT / LEG	■ 172 KIPS
COMP./LEG	= 202 KIPS
O.T. MOMENT	≈ 2124 FT-K



TOTAL VOLUME OF CONCRETE = 29.6 YD 3

# FOUNDATION INSTALLATION/DESIGN NOTES:

THIS FOUNDATION IS DESIGNED TO MEET ALL STANDARDS SET FORTH BY ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ANSI/TIA/EIA 222-F: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.

THIS FOUNDATION IS DESIGNED UTILIZING THE GEOTECHNICAL REPORT PERFORMED BY WENDELL HOLMES P.G.; DATED 6-1-2012. THE FOUNDATION CONTRACTOR SHALL INSTALL THE FOUNDATIONS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

ALL WORK PERFORMED FROM THESE DRAWINGS SHOULD BE BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER FOUNDATION CONSTRUCTION.

ALL FOOTING EXCAVATIONS SHALL BE MANUALLY CLEANED PRIOR TO PLACING CONCRETE. COMPACT THE EXPOSED SOIL SURFACE AND ANY GRANULAR FILL UNDER THE FOUNDATION TO 95% OF THE MODIFIED PROCTOR DENSITY.

ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AFTER 28 DAYS. COPIES OF THE CONCRETE CYLINDER TEST REPORTS SHALL BE SENT TO THE RESIDENT ENGINEER / INSPECTOR.

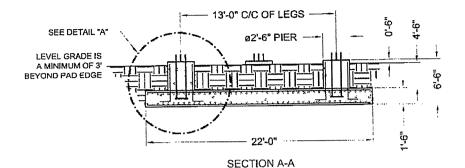
MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE 3".

FIELD BENDING OR WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.

PROVIDE CHAMFERS AT ALL EXPOSED CORNERS OF CONCRETE.

BACKFILL NEAR AND AROUND THE FOUNDATIONS SHALL BE A WELL GRADED FILL MATERIAL PLACED IN 8" THICK LAYERS THAT HAS BEEN COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY PER ASTM D1557.

10. SOME DETAIL HAS BEEN PURPOSELY OMITTED TO CLARIFY ILLUSTRATION.



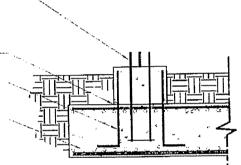
(6) ø1 1/4" X 6'-6" OVERALL LENGTH ANCHOR BOLTS (F1554-GR105) W/ 5/8" THK BEARING PLATE AT THE BOTTOM OF THE ANCHOR BOLT CLUSTER (5-9° MIN. ANCHOR BOLT

EMBEDMENT).

USE EPOXY BONDING AGENT. WHEN POURED SEPERATELY

> (6) #9 VERTICAL BARS w/ #5 TIES AT 16" ON CENTER

(21) #9 HORIZONTAL BARS x 21'-6" LONG EQUALLY SPACED EACH WAY AT TOP AND BOTTOM OF MAT. (TOTAL=84)



### REINFORCEMENT BAR SPLICING: 1. ALL LAP SPLICES SHALL CONFORM

TO ACI 318 REQUIREMENTS. 2. REFER TO CHART BELOW WHEN REINFORCMENT BAR SPLICING IS NECESSARY.

REINFORCING BAR SIZE	LAP SPLICE LENGTH
3	15*
4	17*
5	21*
6	26"
7	30"
8	36*
9	46*
10	58*
11	71°

DETAIL "A"



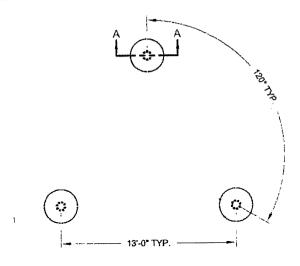
	HUPRIOUSED OF COPIED IN ANYTHAY I	ATHOUT PH	IOH STAF	HY OF ALLSTATE TOWER INC. IT IS NOT TO BE ITTEN COASENT OF ALLSTATE HONDHAPL
-	REVEL DESCRIPTION	DATE	BY	UM ESS OTHER MISE NOTED

HEV K	DESCRIPTION	DATE	BY	DIMENSIONS	FRAISE NOTED ARE IN: INCHES	DES
			E	X +3/32*1-0	OLERANCE BANDS: ANGLES + 2°	
		<del></del>	上	DRAWN BY:	R. DUPONT	Fall
SCALE:	NTS			DATE:	7/17/2012	

PAD & PIER FOUNDATION DESIGN APPALACHIAN WIRELESS CRUMMIES, HARLAN CO., KY.

E NAME. В 37951F-B

**POLITIC** 



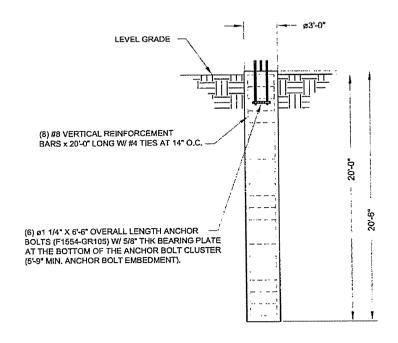
### PLAN VIEW

TOTAL VOLUME OF CONCRETE PER CAISSON = 5.4 YD 3

TOTAL VOLUME OF CONCRETE FOR (3) CAISSONS = 16.2 YD 3

## FOUNDATION INSTALLATION/DESIGN NOTES:

- 1. THIS FOUNDATION IS DESIGNED TO MEET ALL STANDARDS SET FORTH BY ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ANSI/TIA/EIA 222-F: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- THIS FOUNDATION IS DESIGNED UTILIZING THE GEOTECHNICAL REPORT PERFORMED BY WENDELL HOLMES P.G.; DATED 6-1-2012. THE FOUNDATION CONTRACTOR SHALL INSTALL THE FOUNDATIONS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
- ALL WORK PERFORMED FROM THESE DRAWINGS SHOULD BE BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER FOUNDATION CONSTRUCTION.
- ALL FOOTING EXCAVATIONS SHALL BE MANUALLY CLEANED PRIOR TO PLACING CONCRETE. COMPACT THE EXPOSED SOIL SURFACE AND ANY GRANULAR FILL UNDER THE FOUNDATION TO 95% OF THE MODIFIED PROCTOR DENSITY.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AFTER 28 DAYS. COPIES OF THE CONCRETE CYLINDER TEST REPORTS SHALL BE SENT TO THE RESIDENT ENGINEER / INSPECTOR.
- MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE 3"
- FIELD BENDING OR WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.
- PROVIDE CHAMFERS AT ALL EXPOSED CORNERS OF CONCRETE.
- BACKFILL NEAR AND AROUND THE FOUNDATIONS SHALL BE A WELL GRADED FILL MATERIAL PLACED IN 8" THICK LAYERS THAT HAS BEEN COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY PER ASTM D1557.
- 10. SOME DETAIL HAS BEEN PURPOSELY OMITTED TO CLARIFY ILLUSTRATION.



# SECTION A-A

# REINFORCEMENT BAR SPLICING:

- 1. ALL LAP SPLICES SHALL CONFORM TO ACI 318 REQUIREMENTS.
- 2. REFER TO CHART BELOW WHEN REINFORGMENT BAR SPLICING IS NECESSARY.

REINFORCING BAR SIZE	LAP SPLICE LENGTH
3	15*
4	17*
5	21*
6	25~
7	30°
8	36*
9	46"
10	58"
11	71*

NTS



P.O. 80X 25 HENDERSON, KY 47419 PHONE: (270) 830-8512 FAX: (270) 830-8513

C

MODEL 14RY STATEMENT: THIS DRAWING IS THE INCURENTY OF ALLSTATE TOWER INC. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYMAY WITHOUT FROM WRITTEN CONSENT OF ALLSTATE TIMER INC. DATE BY UNKESS OTHERWISE NOTED DESCRIPTION INCHES

X +3/32"1-0 ANGLES +1- 2" KX -3/32\*/-0 JOOX +1/16" /- 0 HOLES + 01/16" /-0 DRAWN BY: R. DUPONT SCALE: 7/17/2012

CAISSON FOUNDATION DESIGN APPALACHIAN WIRELESS CRUMMIES, HARLAN CO., KY.

37951F - C



« OE/AAA

# Notice of Proposed Construction or Alteration - Off Airport

Project Name: EAST -000211252-12 Sponsor: East Kentucky Network, LLC

# **Details for Case: Cranks (Crummles)**

Show Project Summary

.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				entantinent faction (CO), congress was reconstruct for an engage of the following of the respect to the first construction of the first construction	Date Accepted:	07/19/2012			
ASN:	2012-ASO-7136-OE				•	07/15/2012			
Status:	Accepted				Date Determined:				
					Letters:	None			
					Documents:	07/19/2012	Cranks (Crumm	iles)	
ublic Comments:	None								
						Project Documents: None			
					Structure Summa	rv			
Construction / Alteration Information					and the second of the second o				
lotice Of:	Constr	iction			Structure Type:	Tower			
uration:	Permar	Permanent			Structure Name:	Cranks (Crummies	)		
if Tempora	arv: Months	: Days:			NOTAM Number:				
Vork Schedule - Star		2012			FCC Number:				
Vork Schedule - End:					Prior ASN:				
· · · · · · · · · · · · · · · · · · ·	ec-Boos the n	ermanent structi	ire requi	re separate notice to the FAA?					
To find out, use the N If it is not filed, pleas	iotice Criteria i	Tool. If separate	notice is	required, please ensure it is med.					
State Filing:		lth State							
Structure Details					Common Frequen	and the second by the second second		ERP	ERP
_atitude:				36° 46' 3.78" N	Low Freq 698	High Fraq 806	Freq Unit MHz	1000	W
Longitude:				83° 11' 52.96" W	806	824	MHz	500	W
lorizontal Datum:				NAD83	824	849	MHz	500	W W
Site Elevation (SE):				1955 (nearest foot)	851 869	866 894	MHz MHz	500 500	w
-				190 (nearest foot)	896	901	MHz	500	w
Structure Height (AGL):  * If the entered AGL is a proposed change to an existing structure's height include the current				,	901	902	MHz	7	W
					930	931	MHz	3500	W
existing structure's l	on of Proposal.				931	932	MHz	3500	W
existing structure's l				None	932	932.5	MHz	17	dBW W
existing structure's I AGL In the Description		Requested Marking/Lighting:		Notic	935	940	MHz MHz	1000 3500	W
existing structure's I AGL In the Description	Lighting:				940	941	MHz MHz	1640	W
existing structure's I AGL in the Description	Lighting:	c	ther:		1050	1010		1640	w
existing structure's i AGL in the Description Requested Marking/		C	mer:		1850 1930	1910 1990	MHz	1040	
existing structure's f AGL in the Description Requested Marking/ Recommended Mark	ing/Lighting:	ć	ner:	N/A New Structure	1850 1930 2305	1910 1990 2310		2000	W
existing structure's f AGL in the Description Requested Marking/ Recommended Mark	ing/Lighting:		other:	N/A New Structure	1930	1990	MHz		W
existing structure's f AGL in the Description Requested Marking/ Recommended Mark Current Marking/Lig	ing/Lighting:			N/A New Structure	1930 2305 2345	1990 2310 2360	MHz MHz	2000	
existing structure's I AGL in the Description Requested Marking/ Recommended Mark Current Marking/Ligi Nearest City:	ing/Lighting:				1930 2305	1990 2310 2360	MHz MHz	2000	
existing structure's I AGL in the Description	ing/Lighting: hting:	C	Other :	Cranks	1930 2305 2345	1990 2310 2360	MHz MHz	2000	



Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 200 Merc APPLICATION FOR PERMIT TO CONSTRUCT OR ALTERINSTRUCTIONS INCLUDED								
1. APPLICANT Name, Address, Telephone, Fax, etc.  East Kentucky Network, LLC c/o Lukas, Nace, Gutierrez & Sachs, Chtd 8300 Greensboro Drive, Suite 1200 McLean, VA 22102 T: 703-584-8667 F: 703-584-8692  2. Representative of Applicant Name, Address, Telephone, Fax Ali Kuzehkanani Lukas, Nace, Gutierrez & Sachs, Chtd 8300 Greensboro Drive, Suite 1200 McLean, VA 22102 T: 703-584-8667 F: 703-584-8692  3. Application for: New Construction Alteration Existing 4. Duration: Permanent Temporary (Months Days ) 5. Work Schedule: Start 9/1/2012 End 9/10/2012 6. Type: Antenna Tower Crane Building Power Line Landfill Water Tank Other	9. Latitude: 36 ° 46 ' 03 78 "  10. Longitude: 83 ° 11 ' 52 96 "  11. Datum: NAD83 NAD27 Other  12. Nearest Kentucky City: Cranks County Harlan  13. Nearest Kentucky public use or Military airport: Lee County Airport  14. Distance from #13 to Structure: 7.9 mi  15. Direction from #13 to Structure: South  16. Site Elevation (AMSL): 1,955.00 Feet  17. Total Structure Height (AGL): 190.00 Feet  18. Overall Height (#16 + #17) (AMSL): 2,145.00 Feet  19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  20. Description of Location: (Attach USGS 7.5 minute Quadrangle Map or an Airport layout Drawing with the precise site marked and any certified survey)							
□ Red Lights and Paint       □ Dual - Red & Medium Intensity White         □ White - Medium Intensity       □ Dual - Red & High Intensity White         □ White - High Intensity       ☑ Other None	Site is located approx. 1.6 ml WNW of Cranks (Harlan), KY							
8. FAA Aeronautical Study Number.								
21. Description of Proposal:  The structure will include a 180' tower with top-mounted antennas (overall height of 190' AGL). The ERP will be 500 watts.								
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1 ☐ No ☑ Yes, When _July 19, 2012								
CERTIFICATION: I hereby certify that all the above statements made by me are	true, complete and correct to the best of my knowledge and belief.							
Ali Kuzehkanani/ Dir of Engineering  Printed Name and Title  Signature	7/26/2012 Date							
PENALTIES: Persons falling to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050:Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.								
Commission Action:	man, KAZC Administrator, KAZC							
☐ Approved ☐ Disapproved	Date							

# EAST KENTUCKY NETWORK, LLC DBA APPALACHIAN WIRELESS

FINANCIAL REPORT

December 31, 2011

# CONTENTS

	Page
INDEPENDENT AUDITOR'S REPORT ON THE FINANCIAL STATEMENTS	1
FINANCIAL STATEMENTS	
Balance sheets Statements of income Statements of members' equity Statements of cash flows Notes to financial statements	2 3 4 5 6-15
INDEPENDENT AUDITOR'S REPORT ON THE SUPPLEMENTARY INFORMATION	16
SUPPLEMENTARY INFORMATION	
Statements of income detail	17 and 18



Jones, Nale & Mattingly PLC

# INDEPENDENT AUDITOR'S REPORT

To the Members
East Kentucky Network, LLC
dba Appalachian Wireless
Ivel, Kentucky

We have audited the accompanying balance sheets of East Kentucky Network, LLC, dba Appalachian Wireless as of December 31, 2011 and 2010, and the related statements of income, members' equity and cash flows for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of East Kentucky Network, LLC, dba Appalachian Wireless as of December 31, 2011 and 2010, and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Jones. Male: Mattingly Pic

Louisville, Kentucky February 15, 2012

## BALANCE SHEETS December 31, 2011 and 2010

ASSETS	2011	2010
CURRENT ASSETS		
Cash and cash equivalents	\$ 18,579,633	\$ 11,517,807
Short-term investments (Note 9)	100,000	100,000
Accounts receivable, less allowance for doubtful	,	•
accounts of \$1,767,789 in 2011 and \$1,473,291 in 2010	9,830,698	8,510,532
Accounts receivable, members (Notes 5 and 6)	51,772	120,279
Inventory	4,427,993	5,473,601
Prepaid expenses	729,388	510,762
Total current assets	\$ 33,719,484	\$ 26,232,981
PROPERTY, PLANT AND EQUIPMENT (Note 3)		
Plant in service:		
General support	\$ 34,918,094	\$ 29,593,635
MTSO equipment	23,759,476	17,622,843
Cell equipment	61,652,026	62,992,099
Paging equipment	1,680,882	2,452,567
Fiber ring	8,143,858	7,802,053
Unfinished plant	3,371,823	5,812,946
	\$133,526,159	\$126,276,143
Less accumulated depreciation	53,684,880	53,217,856
	\$ 79,841,279	\$ 73,058,287
OTHER ASSETS		
Investment in affiliated company, RTFC	\$ 112,712	\$ 112,712
Intangible assets, net of accumulated amortization		
of \$5,761,802 in 2011 and \$5,075,704 in 2010 (Note 2)	3,226,715	3,912,813
	\$ 3,339,427	\$ 4,025,525
	\$116,900,190	\$103,316,793_

The Notes to Financial Statements are an integral part of these statements.

LIABILITIES AND MEMBERS' EQUITY	2011	2010
CURRENT LIABILITIES  Current maturities of long-term debt (Notes 3 and 9)  Accounts payable  Accounts payable, members (Notes 5 and 6)  Accrued expenses  Deferred revenue, advance billings  Customer deposits  Total current liabilities	\$ 2,545,238 3,440,389 33,855 1,909,347 2,642,605 539,245 \$ 11,110,679	\$ 2,685,714 2,339,497 27,707 1,970,165 2,454,257 570,375 \$ 10,047,715
LONG-TERM DEBT, less current maturities (Notes 3 and 9) INTEREST RATE SWAPS (Notes 8 and 9)	\$ 8,104,445 \$ 931,120	\$ 10,873,492 \$ 1,301,598
MEMBERS' EQUITY  Members' capital accounts  Accumulated other comprehensive (loss)	\$ 97,685,066 (931,120) \$ 96,753,946	\$ 82,395,586 (1,301,598) \$ 81,093,988
	<u>\$116,900,190</u>	\$103,316,793

## STATEMENTS OF INCOME Years Ended December 31, 2011 and 2010

	2011	2010
REVENUE	0.54074105	e 40.761.607
Retail	\$ 54,274,185	\$ 49,761,597
Roamer	23,098,144	19,899,728
Long distance	127,117	150,913
Paging	325,062	402,317
Equipment sales, cellular	2,656,667	3,194,207
Equipment sales, paging	34,248	63,355
Other	3,474,978	2,975,390
Total revenue	\$ 83,990,401	\$ 76,447,507
EXPENSES	a 15 001 040	# 1 <i>4</i> 950 401
Cost of cellular service	\$ 17,261,240	\$ 14,859,401
Cost of paging service	291,614	361,793 14,723,995
Cost of equipment sales, cellular	14,694,220	• •
Cost of equipment sales, paging	23,597	35,112
Customer service	1,624,578	1,482,312
Billing	1,861,761	1,730,631
Selling	5,814,292	4,994,147
Maintenance	3,065,832	2,888,565
Utilities	1,117,555	976,530
Bad debts	1,083,570	732,290
Cell site rental	372,666	294,170
Taxes and licenses	864,670	2,026,428
Advertising	4,322,032	3,900,531
General and administrative	4,357,440	4,220,443
Occupancy	527,989	574,325
Depreciation	9,851,168	9,808,536
Amortization	<u>879,497</u>	852,538
Total expenses	\$ 68,013,721	\$ 64,461,747
Income from operations	\$ 15,976,680	\$ 11,985,760
OTHER INCOME (EXPENSE)		
Interest income	\$ 29,774	\$ 25,278
Interest expense	(928,325)	(1,028,373)
Universal Service Fund income (Note 7)	<u>7,919,934</u>	7,371,103
Oniversal Bervice Land Moome (1988)	\$ 7,021,383	\$ 6,368,008
Net income	\$ 22,998,063	\$ 18,353,768

The Note to Financial Statements are an integral part of these statements.

## STATEMENTS OF MEMBERS' EQUITY Years Ended December 31, 2011 and 2010

	Cellular Services, LLC	Gearhart Communications Company, Inc.	Mountain Tele- communi- cations, Inc.	Thacker- Grigsby Telephone Co., Inc.	Rural Telephone Coop- erative Corp- oration, Inc.	Total
Balance, January 1, 2010 Comprehensive income:	\$13,885,889	\$13,885,889	\$13,885,889	\$13,885,888	\$13,885,889	\$69,429,444
Net income Change in fair value of	3,670,754	3,670,753	3,670,753	3,670,754	3,670,754	18,353,768
interest rate swaps	16,532	16,532	16,533	16,533	16,533	82,663
Total comprehensive income	\$ 3,687,286	\$ 3,687,285	\$ 3,687,286	\$ 3,687,287	\$ 3,687,287	\$18,436,431
Capital distributions	(1,354,377)	(1,354,377)	(1,354,378)	(1,354,377)	(1,354,378)	(6,771,887)
Balance, December 31, 2010 Comprehensive income:	\$16,218,798	\$16,218,797	\$16,218,797	\$16,218,798	\$16,218,798	\$81,093,988
Net income Change in fair value of	4,599,613	4,599,613	4,599,613	4,599,612	4,599,612	22,998,063
interest rate swaps	74,095	74,095	74,096	74,096	74,096	370,478
Total comprehensive income	\$ 4,673,708	\$ 4,673,708	\$ 4,673,709	\$ 4,673,708	\$ 4,673,708	\$23,368,541
Capital distributions Balance, December 31, 2011	(1,541,716) \$19,350,790	(1,541,716) \$19,350,789	(1,541,717) \$19,350,789	(1,541,717) \$19,350,789	(1,541,717) \$19,350,789	(7,708,583) \$96,753,946

Peoples

## STATEMENTS OF CASH FLOWS Years Ended December 31, 2011 and 2010

	2011	2010
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 22,998,063	\$ 18,353,768
Adjustments to reconcile net income to net cash provided		
by operating activities:		
Depreciation	9,851,168	9,808,536
Amortization	879,497	852,538
Loss on disposition of property, plant, and equipment	440,743	593,729
Changes in assets and liabilities, net of the effects		
of investing and financing activities:		
(Increase) in accounts receivable	(1,320,166)	(703,814)
(Increase) decrease in accounts receivable, members	68,507	(33,087)
Decrease in inventory	1,045,608	225,779
(Increase) decrease in prepaid expenses	(218,626)	26,381
Increase in accounts payable	1,100,892	306,161
Increase (decrease) in accounts payable, members	6,148	(7,499)
Increase (decrease) in accrued expenses	(60,818)	450,303
Increase in deferred revenue, advance billings	188,348	320,514
(Decrease) in customer deposits	(31,130)	(4,621)
Net cash provided by operating activities	<u>\$ 34,948,234</u>	\$ 30,188,688
CASH FLOWS FROM INVESTING ACTIVITIES Purchase of property, plant and equipment Proceeds from sale of property, plant and equipment Net cash (used in) investing activities	\$ (17,313,302) 45,000 \$ (17,268,302)	\$ (12,087,691)  \$ (12,087,691)
CASH FLOWS FROM FINANCING ACTIVITIES Capital distributions Payments on long-term borrowings Net cash (used in) financing activities	\$ (7,708,583) (2,909,523) \$ (10,618,106)	\$ (6,771,887) (2,685,715) \$ (9,457,602)
Net increase in cash and cash equivalents	\$ 7,061,826	\$ 8,643,395
Cash and cash equivalents:  Beginning	11,517,807	2,874,412
Ending	\$ 18,579,633	\$ 11,517,807
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION Cash payments for interest (net of capitalized interest of of zero in 2011 and \$117,887 in 2010)	\$ 979,424	\$ 1,045,454

The Notes to Financial Statements are an integral part of these statements.

#### NOTES TO FINANCIAL STATEMENTS

#### Note 1. Summary of Significant Accounting Policies

#### Nature of operations

East Kentucky Network, LLC, dba Appalachian Wireless, is a Kentucky limited liability company formed by the merger of Appalachian Cellular, LLC, Mountaineer Cellular, LLC and East Kentucky Network, LLC on January 1, 2000. The Company is engaged in cellular telephone communications and paging services to residential and commercial customers located in eastern Kentucky. The Company's five members consist of Cellular Services, LLC; Gearheart Communications Company, Inc.; Mountain Telecommunications, Inc.; Peoples Rural Telephone Cooperative Corporation, Inc.; and Thacker-Grigsby Telephone Co., Inc.

#### Use of estimates

Management uses estimates and assumptions in preparing financial statements. Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported revenues and expenses.

#### Cash and cash equivalents

For purposes of the statement of cash flows, the Company considers temporary investments having original maturities of three months or less to be cash equivalents. The Company maintains its cash balances, which may exceed the federally insured limit, with several financial institutions. Cash balances included in certain non-interest bearing accounts are insured in fully by the FDIC through December 31, 2012. These financial institutions have strong credit ratings and management believes that credit risk related to the accounts is minimal.

#### Short-term investments

Certificates of deposit having original maturities between three and nine months are classified as short-term investments, are carried at cost, which approximates fair value, and are held to maturity. Fair value is determined by quoted prices for similar certificates of deposit in active markets (Level 2) as defined by the Fair Value Measurements Topic of the FASB Accounting Standards Codification (see Note 9).

#### Accounts receivable

Accounts receivable are recorded at net realizable value consisting of the carrying amount less an allowance for uncollectible accounts. The Company uses the allowance method to account for uncollectible accounts receivable balances. Management charges off uncollectible receivables to the allowance when it is determined the amounts will not be realized.

#### Note 1. Summary of Significant Accounting Policies (Continued)

#### Inventory

Inventory is composed of cellular telephone equipment, paging equipment, and accessories purchased for resale during the ordinary course of business. The inventory is valued at the lower of cost or market, cost being determined by the first-in, first-out (FIFO) method.

#### Property, plant and equipment

Property, plant and equipment are recorded at cost. Depreciation is provided using the straight-line method over the estimated useful lives of the assets.

#### Investment

The investment in affiliated company is composed of equity certificates in Rural Telephone Finance Cooperative and is reported at cost.

#### Intangible assets

The customer lists, non-compete agreements, FCC licenses, bond issuance costs, loan fees and use of name are recorded at cost and are being amortized over the life of the asset by the straight-line method.

#### Revenue recognition

Revenue consists primarily of charges for access, airtime, roaming, long distance, data and other value-added services provided to the Company's retail customers; charges to other cellular carriers whose customers use the Company's network when roaming; and sales of phones and accessories.

Revenue from cellular service is recognized monthly when earned, phone and accessory sales are recognized at the point of sale, activation fees are recognized when activation of service occurs, and cancellation penalties are recognized at the time of disconnection from service. Deferred revenue consists of monthly access and feature charges billed one month in advance and recognized as revenue the following month.

The Company's sales contracts are considered multiple deliverable arrangements that generally involve delivery and activation of a cellular phone, plus phone service. Each is treated as a separate unit of accounting. Contracts are subject to one to two-year terms and require the customer to pay a cancellation fee if the customer cancels the contract. There is a one-time activation fee and a monthly fee for the ongoing service. All fees are nonrefundable. The Company uses estimated selling price to determine both the selling price of the phone and for the phone service. The phone and activation are delivered first, followed by the phone service (which is provided over the contract period). Delivery and activation of the phone are considered one element because activation is necessary for the functionality of the phone. Revenue from phone service is recognized separately over the life of the service arrangement.

Note 1. Summary of Significant Accounting Policies (Continued)

#### Advertising

Advertising costs are expensed as incurred. At December 31, 2011 and 2010, these costs were \$4,322,032 and \$3,900,531, respectively.

#### Income taxes

Under existing provisions of the Internal Revenue Code, the income or loss of a limited liability company is recognized by the members for income tax purposes. Accordingly, no provision for federal income taxes has been provided for in the accompanying financial statements.

The Company's accounting policy provides that a tax expense/benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on the technical merits. Management believes the Company has no uncertain tax positions resulting in an accrual of tax expense or benefit.

The Company recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in operating expenses. The Company did not recognize any interest or penalties during the years ended December 31, 2011 and 2010.

The Company's federal and state income tax returns are subject to possible examination by the taxing authorities until the expiration of the related statutes of limitations on those tax returns. In general, the federal income tax returns have a three year statute of limitations, and the state income tax returns have a four year statute of limitations.

#### Comprehensive income

Comprehensive income consists of net income and other comprehensive income. Other comprehensive income includes the change in fair value of interest rate swaps which is also recognized as a separate component of equity.

#### Subsequent events

Management has evaluated subsequent events through February 15, 2012, the date the financial statements were available to be issued.

#### Reclassification

Certain amounts presented in the prior period have been restated to conform with the current year presentation.

Note 2. Intangible Assets

Intangible assets consist of the following at December 31, 2011:

	Gross Amount	Accumulated Amortization	Weighted Average Life (in years)
Customer lists	\$5,363,530	\$ (3,940,516)	15
Non-compete agreements	220,348	(195,016)	15
FCC licenses	2,452,368	(1,061,762)	14
Use of name	10,000	(7,668)	15
Other	942,271	(556,840)	7
	\$8,988,517	\$ (5,761,802)	

Intangible assets consist of the following at December 31, 2010:

			Weighted
	Gross	Accumulated	Average
	Amount	Amortization	Life (in years)
Customer lists	\$5,363,530	\$ (3,583,198)	15
Non-compete agreements	220,348	(180,336)	15
FCC licenses	2,452,368	(889,418)	14
Use of name	10,000	(7,002)	15
Other	942,271	(415,750)	7
	\$8,988,517	\$ (5,075,704)	

Aggregate amortization expense related to these intangible assets for the years ended December 31, 2011 and 2010 totaled \$686,098 for both years. The following represents the total estimated amortization of intangible assets for each of the succeeding five years:

#### Year ending December 31:

2012	\$ 680,000
2013	660,000
2014	620,000
2015	550,000
2016	275,000

#### Note 3. Long-Term Debt

Long-term debt consists of the following at December 31:

	2011	2010
Note payable, Fifth Third Bank (a)	\$ 6,116,667	\$ 7,633,333
Note payable, Fifth Third Bank (b)	4,533,016	5,925,873
Line of credit, Fifth Third Bank (c)		
	\$ 10,649,683	\$ 13,559,206

(a) On February 28, 2006, the Company issued \$14,200,000 in adjustable rate notes to restructure its debt. The notes were issued pursuant to a trust indenture between the Company and U.S. Bank National Association. Principal and interest on the notes were paid from funds drawn by the Trustee under an irrevocable letter of credit issued by Fifth Third Bank. The Notes were collateralized by the assets of the Company and were scheduled to mature on February 1, 2016. The Notes bear interest at a floating interest rate as determined by U.S. Bank National Association (4.60% at 12/31/08). However, the Company entered into an interest rate swap contract (original notional amount of \$14,200,000) that effectively converted its floating-rate debt into a fixed-rate of 8.02%.

On February 2, 2009, the Company refinanced the remaining \$10,200,000 of the note with a new note payable that matures November 1, 2013 and is collateralized by the assets of the Company. Interest on the note is floating at monthly LIBOR plus 1.75% as determined by Fifth Third Securities, Inc. (2.02% at 12/31/11). The Company also renegotiated the terms of the interest rate swap contract and entered into an interest rate swap contract (original notional amount of \$10,200,000) that effectively converts its floating-rate debt into a fixed rate of 7.46% (see Note 8). The note is payable in monthly installments of \$116,667 plus interest through February 1, 2012 and \$125,000 plus interest thereafter through November 1, 2013 with a balloon payment due at maturity.

- (b) On September 1, 2008, the Company borrowed \$9,000,000 to restructure existing debt, purchase new equipment and upgrade existing equipment. The note is collateralized by the assets of the Company. Interest on the note is floating at monthly LIBOR plus 3.00% as determined by Fifth Third Securities, Inc (3.27% at 12/31/11). The Company also entered into an interest rate swap contract (original notional amount of \$9,000,000) that effectively converts its floating-rate debt into a fixed rate of 7.20% (see Note 8). The note is payable in monthly installments of \$107,143 plus interest with a balloon payment due on September 1, 2013.
- (c) On September 9, 2011, the Company entered into a line of credit agreement with Fifth Third Bank that provides for borrowings up to \$12,000,000. The agreement carries a variable interest rate at monthly LIBOR plus 2.25% as determined by Fifth Third Securities, Inc (2.52% at 12/31/11), is secured by assets of the Company, and is due on September 1, 2013.

## Note 3. Long-Term Debt (Continued)

Total interest cost for the years ended December 31, 2011 and 2010 was approximately \$928,000 and \$1,146,000, respectively, of which approximately \$118,000 was capitalized in 2010 as part of the construction of a new office building that was placed into service in 2011.

Under terms of the Notes, the Company has also agreed, among other things, to limit distributions, to maintain minimum fixed charge coverage ratios, and to maintain minimum debt to earnings ratios.

Approximate maturities or payments required on principal under note payable agreements for each of the succeeding five years are as follows:

Year ending December 31	Y	ear	ending	Dece	mber	3	1	:
-------------------------	---	-----	--------	------	------	---	---	---

2012	\$ 2,545,238
2013	8,104,445
2014	~ -
2015	~ =
2016	
	\$ 10,649,683

#### Note 4. Retirement Plans

The Company has a 401(k) plan for qualifying employees who have reached twenty-one years of age. Eligible employees are allowed to invest up to 15% of their compensation and the Company has agreed to match 100% of the first 3% of the employees' contribution and 50% of the employees' contribution between 3% and 5%. The Company contributed \$148,041 and \$139,405 in matching funds for its 401(k) plan during the years ended December 31, 2011 and 2010, respectively.

The Company also offers an employer sponsored retirement savings plan for qualified employees who have reached twenty-one years of age. The Company has agreed to contribute 9% of the eligible employee's compensation, plus an additional 5% of the original contribution.

The Company contributed \$725,318 and \$638,293 to its retirement savings plan during the years ended December 31, 2011 and 2010, respectively.

#### Note 5. Related Party Transactions

The Company shares personnel with three of its members. The Company paid \$383,149 and \$251,384 for shared personnel during the years ended December 31, 2011 and 2010, respectively. The Company also leased offices and warehouse space from three members. The leases are for an unspecified length of time. The annual lease expense related to these leases was \$20,858 and \$20,483 for the years ended December 31, 2011 and 2010, respectively.

The Company incurred interconnection, telephone, cable and internet access charges from its members aggregating \$1,329,216 and \$1,206,230 for the years ended December 31, 2011 and 2010, respectively.

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#### Note 5. Related Party Transactions (Continued)

The Company leases two cellular tower sites from the officers and majority shareholders of a member. The annual lease expense related to these leases was \$2,400 for both years ended December 31, 2011 and 2010. The leases are for an unspecified length of time. The Company also pays part of an annual lease for sharing a tower with a member for an annual fee of \$450. In addition, the Company leases one other site from a company owned by a member. The annual lease expense related to this lease for the years ended December 31, 2011 and 2010 amounted to \$11,700 and \$13,350, respectively. The Company leases cellular tower sites from the parent company of one of its other members. The annual lease expense related to these leases was \$12,463 for both years ended December 31, 2011 and 2010. The leases are for five years with options to renew.

The Company pays commissions to its members for phone sales to customers. The amount of commissions paid to related parties during the years ended December 31, 2011 and 2010 was \$323 and \$55,035, respectively.

The Company pays fees to companies owned by its members for advertisement in telephone directories, television and on local billboards. The amount of advertising paid to related parties was \$40,120 and \$61,534 for the years ended December 31, 2011 and 2010, respectively.

#### Note 6. Operating Leases

The Company has entered into operating leases with its members and other customers to provide fiber optic transmission capacity and ancillary services. The terms of these leases are for 15 years. Total rental income earned from these operating lease commitments included in the statements of income was \$1,016,885 and \$1,214,408 for the years ended December 31, 2011 and 2010, respectively. Rental income earned from the Company's members from these leases was \$846,249 and \$1,008,827 for the years ended December 31, 2011 and 2010, respectively.

Investments in operating leases are as follows at December 31:

	2011	2010
Fiber ring Accumulated depreciation	\$ 8,143,858 (3,643,160)	\$ 7,802,053 (3,120,944)
,	\$ 4,500,698	\$ 4,681,109

The future minimum rental payments expected to be received under these lease agreements for each of the succeeding five years are approximately \$730,000 each year.

### Note 6. Operating Leases (Continued)

The Company has also entered into lease agreements to obtain fiber optic transmission and digital microwave transmission services; and to rent retail office facilities. The terms of these leases are between 5 and 15 years. Total rental expense incurred from these operating lease commitments included in the statements of income was \$1,195,368 and \$1,062,254 for the years ended December 31, 2011 and 2010, respectively. Rental expense incurred from the Company's members from these leases was \$464,544 and \$411,196 for the years ended December 31, 2011 and 2010, respectively. The future minimum lease payments required under these lease agreements for each of the succeeding five years are approximately \$1,400,000 each year.

#### Note 7. Eligible Telecommunication Carrier

During 2005, the Company was granted Eligible Telecommunication Carrier (ETC) status by the Kentucky Public Service Commission. As an ETC, the Company receives funding from the federal Universal Service Fund (USF) to support the high cost of providing local telephone service in rural areas. USF payments amounted to \$7,919,934 and \$7,371,103 for the years ended December 31, 2011 and 2010, respectively.

#### Note 8. Derivative Financial Instruments, Interest Rate Swaps

The Company entered into two interest rate swap contracts with Fifth Third Bank for the purpose of converting floating-rate interest on its long-term debt to fixed rates. The interest rate swap effectively fixed \$10,200,000 at a rate of 7.46% until February 1, 2016 and fixed \$9,000,000 at a rate of 7.20% until September 1, 2013.

Under the swap contracts, the Company pays interest at 5.71% and 4.20% on the notional amounts and receives interest at LIBOR observed monthly (0.27% at December 31, 2011). The interest rate swaps qualify as, and are designated as, cash flow hedges. The swaps are designed to hedge the risk of changes in interest payments on the notes caused by changes in LIBOR. The notional amounts do not represent actual amounts exchanged by the parties, but instead represent the amounts on which the contracts are based.

The swaps were issued at market terms so that they had no fair value or carrying value at their inception. The carrying amount of the swaps has been adjusted to their fair value at the end of the year, which because of changes in forecasted levels of LIBOR, resulted in reporting a liability for the fair value of the future net payments forecasted under the swaps. The swap contracts permit settlement prior to maturity only through termination by the Company. The settlement amounts are determined based on forecasted changes in interest rates required under fixed and variable legs of the swaps. The Company believes the settlement amounts are the best representation of the fair value of the swaps and has adjusted their carrying amounts to the settlement amounts at the end of the year.

## Note 8. Derivative Financial Instruments, Interest Rate Swaps (Continued)

The carrying amounts of the swaps are classified as noncurrent since management does not intend to terminate the swaps during 2011. Since the critical terms of the swaps and the notes are approximately the same, the swaps are assumed to be effective as hedges, and none of the changes in fair values are included in income. Accordingly, all of the adjustment of the swaps' carrying amount is reported as other comprehensive income or loss in the accompanying statements of members' equity. If the swaps are terminated early, the corresponding carrying amount would be reclassified into earnings. The Company does not hold or issue interest rate swaps or other financial instruments for trading purposes.

#### Note 9. Fair Values of Financial Instruments

The Fair Value Measurements Topic of the FASB Accounting Standards Codification defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. The Fair Value Measurements Topic establishes a fair value hierarchy about the assumptions used to measure fair value and clarifies assumptions about risk and the effect of a restriction on the sale of an asset. The Fair Value Measurements Topic defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. In cases where quoted market prices are not available, fair values are based on estimates using present value or other valuation techniques. Those techniques are significantly affected by the assumptions used, including the discount rate and estimates of future cash flows. Accordingly, the fair value estimates may not be realized in an immediate settlement of the instrument. The Fair Value Measurements Topic also establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

The Fair Value Measurements Topic describes three levels of inputs that may be used to measure fair value:

- Level 1 Quoted prices (unadjusted) of identical assets or liabilities in active markets that the entity has the ability to access as of the measurement date.
- Level 2 Significant other observable inputs other than Level 1 prices, such as quoted prices of similar assets or liabilities, quoted prices in markets that are not active, and other inputs that are observable or can be corroborated by observable market data.
- Level 3 Significant unobservable inputs that reflect a company's own assumptions about the assumptions that market participants would use in pricing an asset or liability.

Financial instruments of the Company that are subject to fair value measurements are limited to short-term investments, long-term debt and interest rate swaps. Fair values of these financial instruments have been valued using a market approach and are measured using Level 2 inputs.

#### Note 9. Fair Values of Financial Instruments (Continued)

The fair value of short-term investments approximates its carrying amount due to the short-term nature of these instruments.

The fair value of long-term debt approximates its carrying amount because its variable rate terms are similar to market terms.

The fair value of the interest rate swaps are based on the approximation of market value derived from proprietary models. This fair value takes into consideration the prevailing interest rate environment and the specific terms and conditions of the derivative financial instrument. The fair value was estimated by comparing the Company's fixed swap rates with the current market rates on identical swaps for the remaining terms. The interest due on each remaining payment date is calculated at the existing swap rate and the current market rate. Fair market value is the present value of the difference between those payment streams. The value represents the estimated exit price the Company would pay to terminate the agreement.

#### Note 10. Commitments

On November 4, 2011, the Company entered into an agreement with a vendor to purchase a minimum quantity of phones each year for the next three years. Under the terms of the agreement, among other things, the Company is required to purchase approximately 36,000 phones in addition to spending at least \$200,000 per year for the next three years on eligible merchandising expenses related to the phones.

As of December 31, 2011, the minimum amounts due related to the purchase of the phones approximated the following:

2012	\$ 6,500,000
2013	7,800,000
2014	9,360,000
	\$ 23,660,000

On September 22, 2011, the Company entered into an agreement with Verizon Wireless ("Verizon") to construct and operate its Long Term Evolution ("LTE") technology in geographic territories in the Company's market. Under the terms of the agreement, among other things, the Company is required as part of the initial build-out phase to have the cell sites constructed and fully equipped for provision of LTE Service and ready to commence commercial service no later than December 31, 2013. Following the initial build-out phase, the Company will continue to build out its LTE System in accordance with a plan to be mutually agreed by the Company and Verizon. The estimated cost of the initial build-out is approximately \$12,000,000. The agreement expires on June 13, 2019 with an option for a ten year renewal term at the end of the agreement.

In addition, the Company entered into an agreement to lease the spectrum owned by Verizon in order to offer LTE Service. This agreement also expires on June 13, 2019 with an option for a ten year renewal term at the end of the agreement. The lease expense is expected to be approximately \$300,000 per year



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## INDEPENDENT AUDITOR'S REPORT ON THE SUPPLEMENTARY INFORMATION

To the Members East Kentucky Network, LLC dba Appalachian Wireless Prestonsburg, Kentucky 41653

Our audit was made for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary information shown on pages 17 and 18 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements taken as a whole.

Jones. Male: Mattingly Pic

Louisville, Kentucky February 15, 2012

## STATEMENTS OF INCOME DETAIL

	Year Ended December 31, 2011					
	RSA #9	RSA #10	Fiber			
	<u>Appalachian</u>	Mountaineer	Ring	PCS_	Totals	
REVENUE						
Retail	\$31,312,192	\$ 19,759,349	\$	\$ 3,202,644	\$54,274,185	
Roamer	16,919,770	5,798,853		379,521	23,098,144	
Long distance	83,066	41,245		2,806	127,117	
Paging	185,126	139,936			325,062	
Equipment sales, cellular	1,591,322	870,986		194,359	2,656,667	
Equipment sales, paging	21,833	12,415			34,248	
Other	1,447,143	721,487	995,032	311,316	3,474,978	
Total revenue	\$51,560,452	\$ 27,344,271	\$ 995,032	\$ 4,090,646	\$83,990,401	
EXPENSES						
Cost of cellular service	\$10,236,676	\$ 6,289,107	\$	\$ 735,457	\$17,261,240	
Cost of paging service	124,339	167,275			291,614	
Cost of equipment sales, cellular	8,324,786	5,308,875		1,060,559	14,694,220	
Cost of equipment sales, paging	14,284	9,313	* =		23,597	
Customer service	970,595	603,901		50,082	1,624,578	
Billing	1,117,986	676,319		67,456	1,861,761	
Selling	3,276,883	2,414,482		122,927	5,814,292	
Maintenance	1,836,543	1,025,755	35,451	168,083	3,065,832	
Utilities	595,520	377,399	55,554	89,082	1,117,555	
Bad debts	758,637	259,313		65,620	1,083,570	
Cell site rental	120,061	134,349		118,256	372,666	
Taxes and licenses	524,438	239,436	73,464	27,332	864,670	
Advertising	2,678,681	1,397,417		245,934	4,322,032	
General and administrative	2,520,839	1,557,592	133,587	145,422	4,357,440	
Occupancy	167,156	77,977	256,326	26,530	527,989	
Depreciation	4,868,922	3,587,487	555,860	838,899	9,851,168	
Amortization	314,413	461,343	11,841	91,900	879,497	
Total expenses	\$38,450,759	\$ 24,587,340	\$ 1,122,083	\$ 3,853,539	\$68,013,721	
Income (loss) from operations	\$13,109,693	\$ 2,756,931	<u>\$ (127,051)</u>	\$ 237,107	\$15,976,680	
OTHER INCOME (EXPENSE)						
Interest income	\$ 17,634	\$ 10,966	\$ 294	\$ 880	\$ 29,774	
Interest expense	(555,585)	(342,505)		(30,235)	(928,325)	
Universal Service Fund income	4,751,960	2,930,376	* *	237,598	7,919,934	
	\$ 4,214,009	\$ 2,598,837	\$ 294	\$ 208,243	\$ 7,021,383	
Net income (loss)	\$17,323,702	\$ 5,355,768	\$ (126,757)	\$ 445,350	\$22,998,063	

Year Ended December 31, 2010					
RSA #9	RSA #10	Fiber			
<u>Appalachian</u>	Mountaineer	Ring	PCS	Totals	
\$28,516,088	\$18,608,730	\$	\$ 2,636,779	\$49,761,597	
14,372,616	5,316,604		210,508	19,899,728	
92,563	54,734		3,616	150,913	
212,693	189,624			402,317	
1,863,357	1,101,401		229,449	3,194,207	
42,860	20,495			63,355	
1,169,305	416,598	1,190,037	199,450	2,975,390	
<u>\$46,269,482</u>	\$25,708,186	\$ 1,190,037	\$ 3,279,802	<u>\$76,447,507</u>	
		•			
\$ 8,512,908	\$ 5,578,093	\$	\$ 768,400	\$14,859,401	
			Ψ 700,400	361,793	
158,209	203,584 5 367 426		964,728	14,723,995	
8,391,841	5,367,426		204,720	35,112	
22,557 895,223	12,555 544,787		42,302	1,482,312	
1,044,865			58,038	1,730,631	
2,647,610	627,728 2,256,284		90,253	4,994,147	
		130,643	121,239	2,888,565	
1,615,022	1,021,661 341,686	20,129	69,156	976,530	
545,559 563,697	196,757	20,129	(28,164)	732,290	
108,399	190,737		76,254	294,170	
1,422,683	430,903	106,078	66,764	2,026,428	
2,530,129	1,197,994	100,076	172,408	3,900,531	
2,475,958	1,486,341	137,092	121,052	4,220,443	
159,369	83,443	302,048	29,465	574,325	
4,852,676	3,707,164	570,350	678,346	9,808,536	
299,000	451,667	15,050	86,821	852,538	
\$36,245,705	\$23,617,590	\$ 1,281,390	\$ 3,317,062	\$64,461,747	
<del>\$50,215,705</del>	425,011,550	<u> </u>	<u> </u>		
\$10,023,777	\$ 2,090,596	\$ (91,353)	\$ (37,260)	\$11,985,760	
\$ 14,718	\$ 9,498	\$ 340	\$ 722	\$ 25,278	
(623,650)	(374,376)		(30,347)	(1,028,373)	
4,422,662	2,727,308		221,133	7,371,103	
\$ 3,813,730	\$ 2,362,430	\$ 340	\$ 191,508	\$ 6,368,008	
\$13,837,507	\$ 4,453,026	\$ (91,013)	\$ 154,248	\$18,353,768	

## STATEMENTS OF INCOME DETAIL (Continued)

		Year E	nded Decemb	er 31, 2011	
	RSA #9	RSA #10	Fiber		
	Appalachian	Mountaineer	Ring	PCS	Totals
COST OF CELLULAR SERVICE					
Roamer pass through charges	\$ 6,816,542	\$ 4,399,137	\$	\$ 631,778	\$11,847,457
SCB interconnection	676,267	437,079		42,526	1,155,872
Local charges	2,440,298	1,471,954		129,386	4,041,638
Harold interconnection	184,527				184,527
Wheelwright interconnection	54,515		, mp , pap		54,515
GTE interconnection	148,505	133,237			281,742
West Liberty interconnection	182,700				182,700
Chapman interconnection	116,428				116,428
Salyersville interconnection	269,914				269,914
Roanoke interconnection					
Interconnect revenue	(848,387)	(549,469)		(72,066)	(1,469,922)
Fiber ring interconnection	178,540	130,230		3,833	312,603
TGTC interconnection and DS3 charges		115,510			115,510
PRTC interconnection		151,429		- ~	151,429
West Virginia interconnection	16,827				16,827
_	\$10,236,676	\$ 6,289,107	\$	\$ 735,457	\$17,261,240
COST OF PAGING SERVICE					
Paging maintenance	\$ 9,298	\$ 11,583	\$	\$	\$ 20,881
Salaries and benefits	37,457	56,186			93,643
Tower rent	24,235	41,488			65,723
Telephone expense		608	~ -		608
Expanded coverage costs		1,186	~ =		1,186
Interconnection charges	40,482	38,500	~ =		78,982
Office and billing expense	12,485	8,185	~-		20,670
Other	382	9,539			9,921
	\$ 124,339	\$ 167,275	\$	\$	\$ 291,614

			Year End	led	December	31,	2010		
	RSA #9	F	SA #10		Fiber				
Ar	ppalachian	Mo	ountaineer		Ring	PCS			Totals
\$	5,486,315	\$ 3	3,797,905	\$		\$	648,658	\$ 9	,932,878
	589,908		372,352				27,572		989,832
	2,271,654		1,349,384				117,444	3	3,738,482
	153,713								153,713
	45,875								45,875
	146,541		129,187				33,012		308,740
	174,193								174,193
	106,469								106,469
	275,026								275,026
	8,459								8,459
	(840,926)		(543,483)				(61,596)	(1	,446,005)
	78,439		134,840				3,310	•	216,589
			168,547						168,547
			169,361						169,361
	17,242								17,242
\$	8,512,908	\$ :	5,578,093	\$		\$			,859,401
		-		Ž.		<u> </u>			
•	14.601	•	22 22	•		æ		Φ.	26 720
\$	14,691	\$	22,037	\$		\$		\$	36,728
	35,998		53,997						89,995
	37,605		54,402						92,007
			514						514
			1,095						1,095
	37,332		35,978				~ *		73,310
	28,362		21,870						50,232
	4,221		13,691						17,912
\$	158,209	\$	203,584	\$		\$		\$	361,793



## Directions to Crummies Site

From the Harlan County Courthouse located at the intersection of first St. and Central St. Take Central St. .1 mile to the Jct. of Central St. and 421. Turn left onto 421 and go 10.5 miles to Hwy 3001. Turn left onto Hwy. 3001 and continue for 200 feet to the JCT of Hwy. 3001 & old 421. Trun Right onto 3001 (old 421) and continue for .7 miles (sign posted). Turn left onto gravel Road and continue for .25 miles. Road stops at site. (sign Posted)

Directions were written by,

Marty Thacker Appalachian Wireless 606-438-2355 Ext 111 (office) 606-634-9505 (Cell Phone) m.thacker@tgtel.com (email)



#### **MEMORANDUM OF LEASE**

this MEMORANDUM OF LEASE is made and entered into on the day of \_\_\_\_\_\_\_, 2012, by and between Richard Torstrick and Janie Torstrick, his wife of 200 Torstrick Drive, Wallins Creek, KY 40873 and Noah Surgener and Eula Surgener, his wife of 14051 South US Highway 421, Cranks, KY 40820, LESSORS, and East Kentucky Network, LLC, d/b/a Appalachian Wireless, of 101 Technology Trail, Ivel, Kentucky, 41642, LESSEE:

#### WITNESSETH:

- 2. <u>Term:</u> The term of the Lease shall be for a period of five (5) years commencing on April 1, 2012, and ending on April 1, 2017.
- 3. Option to Renew: Lessee shall have the option to renew the Lease for an additional seven (7) five (5) year terms.
- **4. No Assignment:** Lessee shall not assign or sublet the Leased Premises without Lessor's prior consent, which consent shall not be unreasonably withheld.
- 5. <u>Binding Effect:</u> The terms and conditions set forth herein shall be binding upon, and shall inure to the benefit of the parties hereto and their respective successors, assigns, heirs and personal representatives.
- 6. <u>Purposes:</u> This Memorandum of Lease is prepared solely for the purpose of recordation, and is not intended, nor shall it be deemed, to modify any of the terms and conditions set forth in the Lease or to construe any of the rights, duties or responsibilities of Lessors and Lessee thereunder.

In Witness Whereof, Lessors and Lessee have executed this Memorandum of Lease as of the day, month and year first written above.

### **LESSORS:**

**Richard Torstrick** 

Janie Torstrick

Noah Surgener

Eula Surgener

LESSEE:

EAST KENTUCKY NETWORK, LLC d/b/a APPALACHIAN WIRELESS

BY:

ITS: General Manager

STATE OF he alucky COUNTY OF Flayd
The foregoing Lease Agreement was this
NOTARY PUBLIC COMMISSION EXPIRES:  July 14, 2015
STATE OF
NOTARY PUBLIC COMMISSION EXPIRES:  My Commission Expires July 14, 2015
STATE OF

NOTARY PUBLIC COMMISSION EXPIRES:

My Commission Expires July 14, 2015

## DEED DESCRIPTION FOR SUB DIVISION OF

Property of Noah and Eula Surgener

Cranks Creek off Martins Fork of Cumberland River City of Cranks in Harlan County March 4, 2011

A portion of the property lying within the tract of land located on Cranks Creek and Crummies Creek of Martins Fork of the Cumberland River in Harian County Kentucky, near the community of Cranks. Being a part of the property conveyed by deed from E B Coal Company, Inc. on 1/22/86 and recorded in deed book 268 Page 427 of the Harlan County Court House.

Lot 1 (containing Lot 1A plus an additional 1.6 acres)

Unless stated otherwise, any monument referred to herein as "set iron pin with cap" is a set ½" diameter rebar, at least eighteen (18") in length, with a plastic cap stamped "LS-2259". All bearings stated herein are referred to the NAD83 KY South State Plane north. This survey preformed by James W. Caudill, LS2259, on March 4, 2011.

Beginning on a set iron pin with cap marked LS2259 on a small knob between Cranks Creek and Crummies Creek and on the right of way line of Kentucky Utilities power line; thence leaving the right of way line and down the hill severing the property of Noal & Eula Surgener South 29 deg 33 min 51 sec East, 71.86 feet to a set iron pin with cap marked ls2259 on the hillside; thence running round the hillside South 45 deg 11min 32 sec West, 275.63 to a set iron pin with cap marked ls2259 on hillside; thence running across the point North 68 deg 33 min 29 sec West, 48.76 feet to a set iron pin with cap marked ls2259 on rock ledge; thence running around the hillside North 09 deg 46 min 10 sec West, 263.42 feet to a set iron pin with cap marked Ls2259 on rock ledge by large rocks, North 30 deg 41 min 43 sec West, 187.70 feet to a set iron pin with cap marked ls2259 by rocks near ledge, North 26 deg 13 min 46 sec West, 126.21 feet to a set iron pin with cap marked ls2259 near rock ledge; thence running up the hill at a angle toward the power line turn South 63 deg 28 min 39 sec East, 75.34 feet back to the power line right of way; thence running with the power line right of way South 51 deg 57 min 24 sec East, 306.23 feet to a set iron pin marked ls2259 at the point of beginning.

Containing a calculated area of 85720 sq ft or 2.0 acres.

Lot 1A (a portion of lot 1)

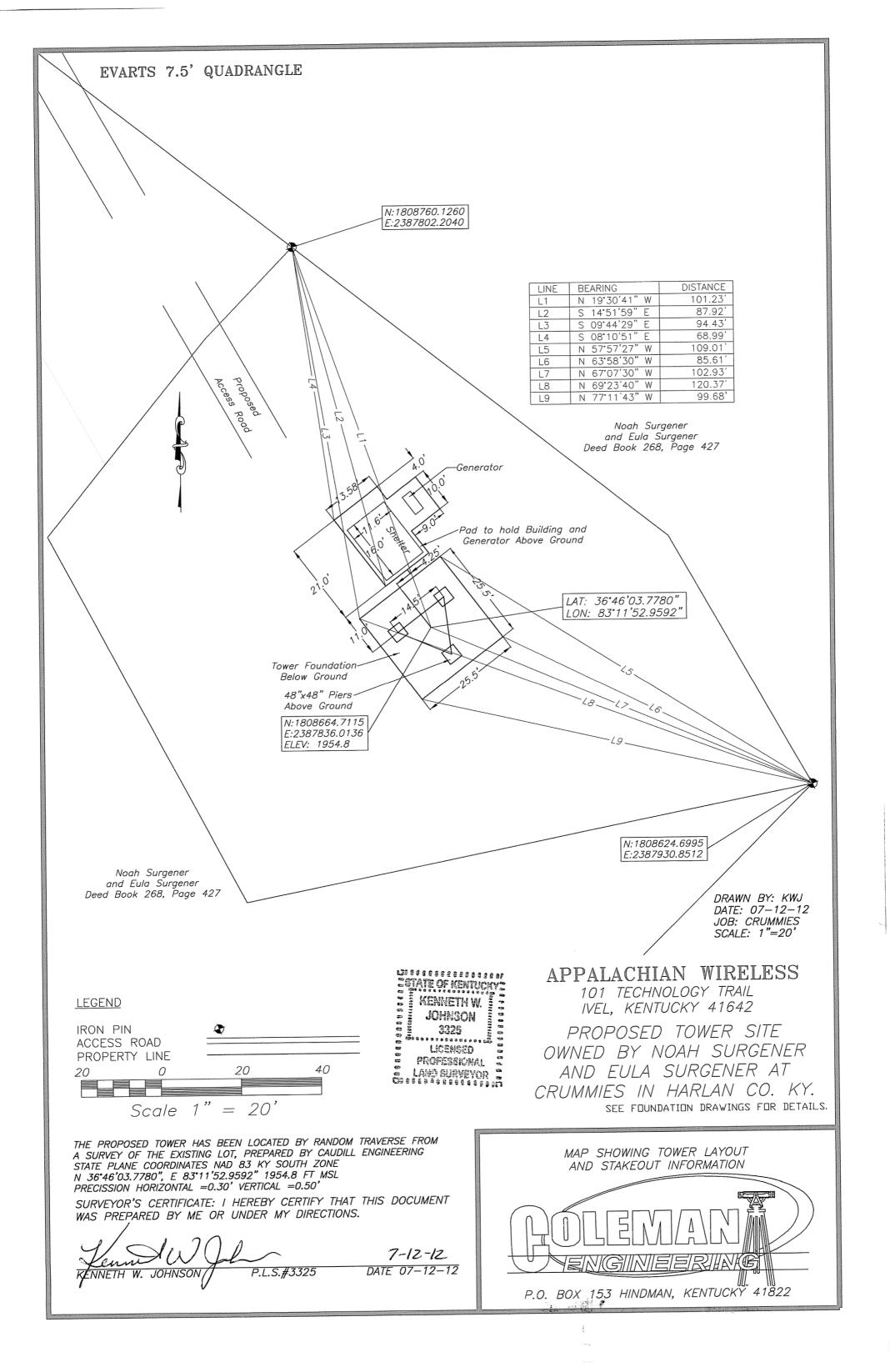
Beginning on a set iron pin with cap marked Is2259 on a small knob between Cranks Creek and Crummies Creek and on the right of way line of Kentucky Utilities Power line and the line between lot 1 and Noah & Eula Surgener Property (deed book 268 page 427); thence running with the line between Lot 1 and Surgener South 29 deg 33 min 51 sec East, 71.86 feet to a set iron pin with cap marked Is2259 on the hillside; thence leaving the Surgener line and running around the hillside, severing the property of Lot 1 South 78 deg 44 min 29 sec West, 144.12 feet to a set iron pin with cap marked Is2259 on the point, North 28 deg 06 min 39 sec west, 104.06 feet to a set iron pin with cap marked Is2259 near old stump, North 39 deg 01 min 25 sec East, 63.39 feet to a set iron pin with cap marked Is2259, North 44 deg 04 min 25 sec East, 31.36 feet to a set iron pin with cap marked Is2259 on the right of way line and the line of lot 1; thence running with the row and the line of lot 150 min 25 deg 57 min 24 sec East, 118.33 feet to the point of beginning.

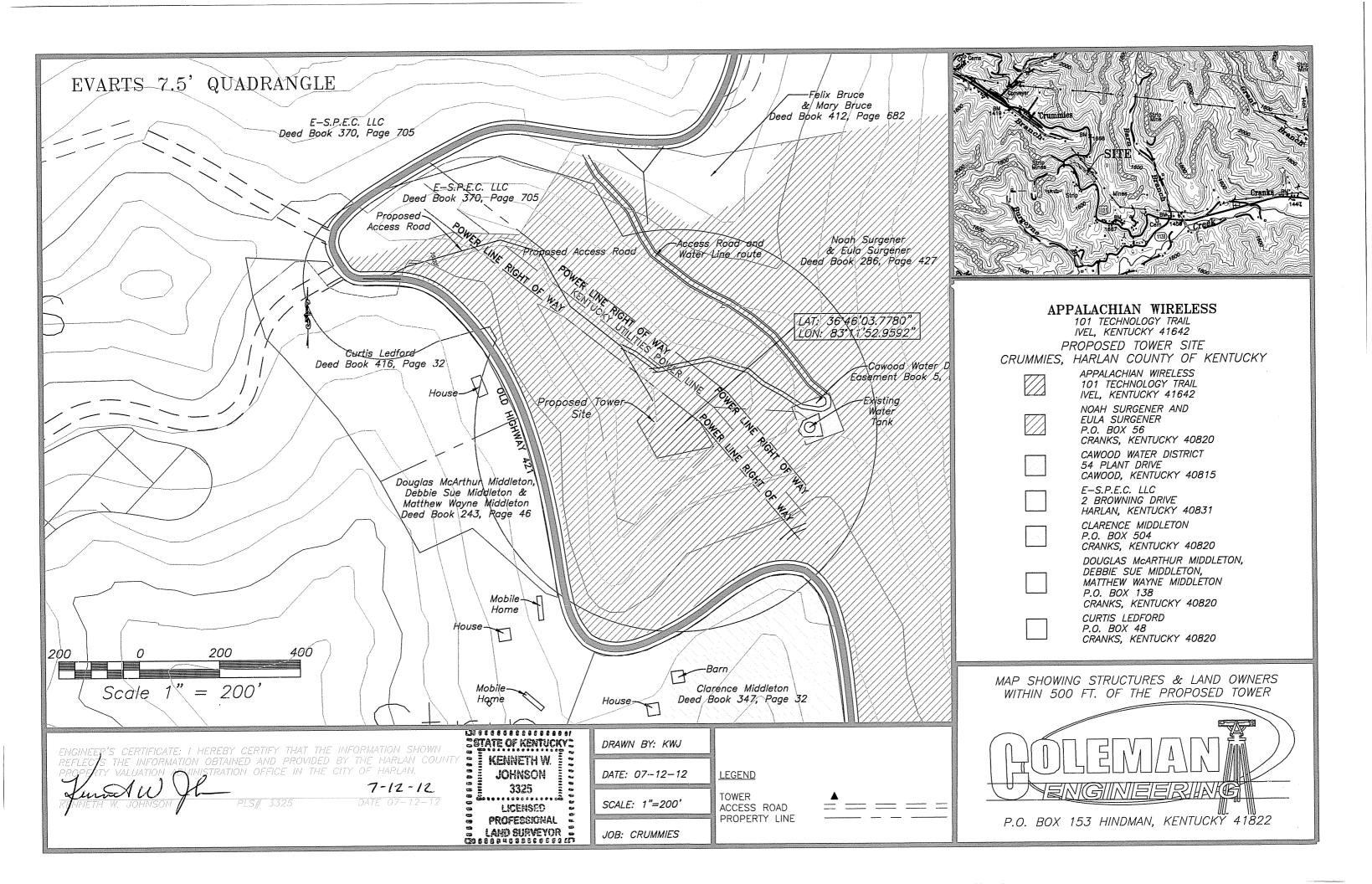
Containing a calculated area of 17681 sq ft or 0.4 acres.

This according to a survey by James W. Caudill, PLS #2259, on March 04, 2011.

James W. Caudill, PLS #2259



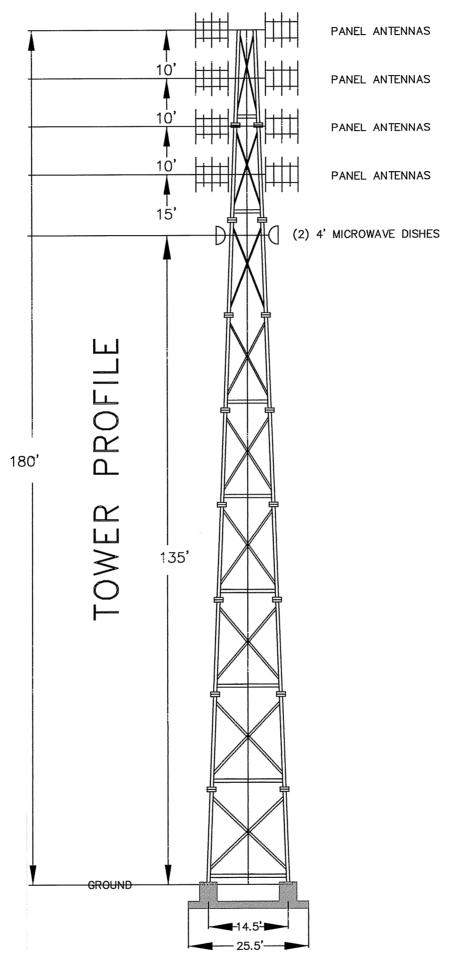


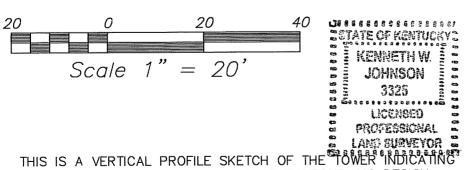


## APPALACHIAN WIRELESS

101 TECHNOLOGY TRAIL IVEL, KENTUCKY 41642

PROPOSED TOWER SITE
CRUMMIES IN HARLAN COUNTY OF KENTUCKY





THE PROPOSED ANTENNA AND DISH ELEVATIONS. NO DESIGN
CRITERIA WAS CONSIDERED IN THE PREPARATION OF THIS DRAWING.

Jenneth W. JOHNSON P.

P.L.S.#3325

7-12-12 DATE: 07-12-12 DRAWN BY: KWJ DATE: 07-12-12 JOB: CRUMMIES SCALE: 1"=20'

