

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED
MAR 03 2016
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. 2015-00370
NECESSITY TO CONSTRUCT A TOWER IN MAGOFFIN)
COUNTY, KENTUCKY.)

East Kentucky Network, LLC, d/b/a Appalachian Wireless, was granted authorization to provide cellular service in the KY-9 Cellular Market Area (CMA451) 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 No. 2001-022. East Kentucky Network, LLC is a Kentucky Limited Liability Company that was organized on June 16, 1998. East Kentucky Network, LLC is in good standing with the state of Kentucky.

In an effort to improve service in Magoffin County, pursuant to KRS 278.020 Subsection 1 and 807 KAR 5:001, East Kentucky Network, LLC is seeking the Commission's approval to construct a 300 foot self-supporting tower on a tract of land located near HC 88 Box 600, Gunlock, Magoffin County, Kentucky (37°32'29.578"N 82°58'14.009"W). A map and detailed directions to the site can be found in Exhibit 7.

Exhibit 2 is a list of all Property owners according to the Property Valuation Administrator's record who own property within 500 feet of the proposed Tower and all property owners that own property contiguous to the property upon which construction is proposed in accordance with the Property Valuation Administrator's record.

Pursuant to 807 KAR 5:063 Section 1 (1)(l), Section 1(m) and Section 2 all affected property owners according to the Property Valuation Administrator's record who own property within 500 feet of the proposed Tower or contiguous to the property upon which construction is proposed 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.

Magoffin County has no formal local planning unit. In absence of this unit, the Magoffin County Judge Executive's office was notified by certified mail, return receipt requested of East Kentucky Network, LLC'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 was published in the The Salyersville Independent, March 3, 2016, edition. Enclosed is a copy of that notice in Exhibit 3. The Salyersville Independent is the newspaper with the largest circulation in Magoffin 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, Inc. 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 approvals 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 February 24, 2016, and will remain posted for at least two weeks after filing of this application as specified.

Enclosed in Exhibit 8 is a copy of East Kentucky Network, LLC's Memorandum of Lease for the site location along with a lot description.

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

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 7. 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 9 is a survey of the proposed tower site signed by a Kentucky registered professional engineer.

Exhibit 11 contains a vertical sketch of the tower supplied by Mark Sanders, Kentucky registered professional engineer.

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

The foregoing document was prepared by Cindy McCarty, Staff Attorney 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: Lynn Haney DATE: 2/26/2016
Lynn Haney, Regulatory Compliance Director

APPROVED BY: W.A. Gillum DATE: 2-26-2016
W.A. Gillum, General Manager

ATTORNEY: Cindy McCarty DATE: 2-29-2016
Hon. Cindy McCarty, Attorney

CONTACT INFORMATION:

W.A. Gillum, General Manager
Phone: (606) 477-2355, Ext. 111
Email: wagillum@ekn.com

Lynn Haney, Regulatory Compliance Director
Phone: (606) 477-2355, Ext. 1007
Email: lhaney@ekn.com

Cindy McCarty, Attorney
Phone: (606) 477-2355, Ext. 1006
Email: cmccarty@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 and KAZC Approvals
7	Driving Directions from County Court House and Map to Suitable Scale
8	Memorandum of Lease for Proposed Site with Legal Description
9	Survey of Site Signed/Sealed by Professional Engineer Registered in State of Kentucky
10	Site Survey Map with Property Owners Identified in Accordance with PVA of County
11	Vertical Profile Sketch of Proposed Tower
12	

ULS License

Cellular License - KNKN880 - East Kentucky Network, LLC d/b/a Appalachian Wireless

Call Sign	KNKN880	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular
Market			
Market	CMA451 - Kentucky 9 - Elliott	Channel Block	B
Submarket	0	Phase	2
Dates			
Grant	08/30/2011	Expiration	10/01/2021
Effective	08/30/2011	Cancellation	
Five Year Buildout Date			
	10/23/1996		
Control Points			
1	U.S. 23, HAROLD, KY		

Licensee

FRN	0001786607	Type	Limited Liability Company
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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@fccclaw.com

Ownership and Qualifications

Radio Service Type	Mobile		
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.

EXHIBIT II: LIST OF PROPERTY OWNERS:

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

Section 1 (1)(I) 1. 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,

Section 1 (1)(I) 2. 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

Section 1 (1)(I) 3. 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.

Section 2. If the construction is proposed for an area outside the incorporated boundaries of a city, the application shall state that public notices required by Section 1(1)(L) have been sent to every person who, according to the property valuation administrator, owns property contiguous to the property upon which the construction is proposed

LIST OF PROPERTY OWNERS

Goldie Wireman
HC 88 Box 600
Gunlock, KY 41632

Leo and Leona Hale
HC 88 Box 610
Gunlock, KY 41632

Arnold Hale
HC 88 Box 610
Gunlock, KY 41632

Jimmy Lovely
HC 88 Box 615
Waldo, KY 41632

Patricia Vanderpool
99 Shepherd Branch Rd.
Hippo, KY 41653

Philip Hall
HC 88 Box 605
Gunlock, KY 41632

Paul David Hall
P.O. Box 165
Jackson, KY 41339

Daniel Hale Et al
HC 88 Box 630
Gunlock, KY 41632

Ricky Wireman
HC 88 Box 670
Gunlock, KY 41632

Michael Montgomery
HC 88 Box 670
Gunlock, KY 41632

Fredrick and May Lumber Co.
P.O. Box 218
West Liberty, KY 41472

Betty Salyer
5365 Hwy 36
Salt Lick, KY 40371

Matt Wireman
2561 Royalton Road
Salyersville, KY 41465

Walter Wireman Estate
c/o Donna Isaac
1530 Lacey Creek Road
Salyersville, KY 41465

Wiley Rife Estate
c/o Kate Lovely
HC 88 Box 743
Gunlock, KY 41632

Evelyn Kay Collinsworth
371 Limestone Branch
Salyersville, KY 41465

Willard Wireman
234 W Murphy Street
Lima, OH 45801

Jennifer Noneman
22531 North Drive South
Homer, MI 49245

Carol Sue Hale et al
4715 W State Road 10
Wheatfield, IN 46392

Ollie James Wireman
1294 Royalton Road
Salyersville, KY 41465



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Goldie Wireman
HC 88 Box 600
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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. 2015-00370 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
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Leo and Leona Hale
HC 88 Box 610
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

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Sincerely,

Lynn Haney
Regulatory Compliance Director
Enclosure 1



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PUBLIC NOTICE

February 24, 2016

Jimmy Lovely
HC 88 Box 615
Waldo, KY 41632

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Sincerely,

A handwritten signature in blue ink that reads "Lynn Haney".

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Patricia Vanderpool
99 Shepherd Branch Rd.
Hippo, KY 41653

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Sincerely,

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Philip Hall
HC 88 Box 605
Gunlock, KY 41632

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Sincerely,

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Paul David Hall
P.O. Box 165
Jackson, KY 41339

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

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Sincerely,

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 23, 2016

Daniel Hale, et al
HC 88 Box 630
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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Sincerely,

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Ricky Wireman
HC 88 Box 670
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

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Sincerely,

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Michael Montgomery
HC 88 Box 670
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Fredrick and May Lumber Co.
P.O. Box 218
West Liberty, KY 41472

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Betty Salyer
5365 Hwy 36
Salt Lick, KY 40371

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Sincerely,

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Matt Wireman
2561 Royalton Road
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

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Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Walter Wireman Estate
c/o Donna Isaac
1530 Lacey Creek Road
Salyersville, KY 41465

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A handwritten signature in blue ink that reads "Lynn Haney".

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Wiley Rife Estate
c/o Kate Lovely
HC 88 Box 743
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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. 2015-00370 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,

A handwritten signature in blue ink that reads "Lynn Haney". The signature is written in a cursive, flowing style.

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Willard Wireman
234 W Murphy Street
Lima, OH 45801

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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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
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Jennifer Noneman
22531 North Drive South
Homer, MI 49245

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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Sincerely,

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Carol Sue Hale, Et al
4715 W State Road 10
Wheatfield, IN 46392

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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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,

A handwritten signature in blue ink that reads "Lynn Haney". The signature is written in a cursive, flowing style.

Lynn Haney
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Ollie James Wireman
1294 Royalton Road
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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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
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Arnold Hale
HC 88 Box 610
Gunlock, KY 41632

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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. 2015-00370 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
Regulatory Compliance Director
Enclosure 1



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

February 24, 2016

Evelyn Kay Collinsworth
371 Limestone Branch
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin 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 within a 500' radius of the proposed tower or own property contiguous to the property upon which construction is proposed.

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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,

A handwritten signature in blue ink that reads "Lynn Haney". The signature is written in a cursive, flowing style.

Lynn Haney
Regulatory Compliance Director
Enclosure 1

Appalachian Wireless Location Map



Site Name

Trace Fork Site

Location

HC 88 Box 600, Gunlock KY.

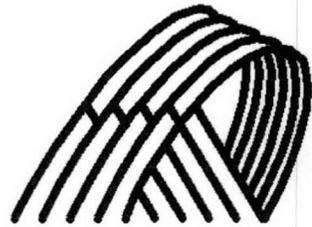
GPS Location

N 37 32 29.578

W 82 58 14.009

dba Appalachian Wireless
101 Technology Trail
Ivel, KY 41642
Phone: 606-477-2355
Fax: 606-791-2225

EAST KENTUCKY
NETWORK



To: The Salyersville Independent
Attn: Classifieds

From: Raina Helton
Regulatory Compliance Assistant

Email: jo@salyersvilleindependent.com

Date: February 24, 2016

Re: PUBLIC NOTICE ADVERTISEMENT

Pages: 1

Please place the following Public Notice Advertisement in The Salyersville Independent to be ran on March 3, 2016.

PUBLIC NOTICE:

RE: Public Service Commission of Kentucky (CASE NO. 2015-00370)

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 near HC 88 Box 600, Gunlock, Magoffin County, Kentucky. The proposed tower will be a 300 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. 2015-00370.

If you have any questions about the placement of the above mentioned notice, please call me at 606-477-2375, ext. 1005.

Thank you,

Raina Helton
Regulatory Compliance Assistant

The message above and the information contained in the documents transmitted are confidential and intended only for the person(s) named above. Dissemination, distribution or copying of this communication by anyone other than the person(s) named above is prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the address listed above via regular mail. Thank you.



VIA: U.S. CERTIFIED MAIL

February 24, 2016

Charles "Doc" Hardin, Judge Executive
P.O. Box 430
Salyersville, KY 41465

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2015-00370)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied 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 Magoffin County. The facility will include a 300-foot self-supporting tower with attached antennas extending upwards, and an equipment shelter located on a tract of land near HC 88 Box 600, Gunlock, Magoffin County, Kentucky. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you are the County Judge Executive of Magoffin County.

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. 2015-00370 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,

A handwritten signature in blue ink that reads "Lynn Haney". The signature is fluid and cursive, with the first name "Lynn" being more prominent than the last name "Haney".

Lynn Haney
Regulatory Compliance Director
Enclosure

Appalachian Wireless Location Map



Site Name

Trace Fork Site

Location

HC 88 Box 600, Gunlock KY.

GPS Location

N 37 32 29.578

W 82 58 14.009

WENDELL R. HOLMES, P.G.

424 Pear Street
Hazard, KY 41701
November 29, 2015

Trace Fork Tower Site

Purpose:

A site assessment was conducted for Appalachian Wireless on a tract of land located in Magoffin County near Gunlock, 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. The outcrop method was used to determine the depth to bedrock material. It is approximately 4.00 feet to bedrock. (See attached page for descriptions of materials encountered.)

The terrain in Magoffin County is slightly to moderately steep. The tower site is located on the top of a ridge southwest of Gunlock, KY between Lick Branch and Jake Wireman Fork in Magoffin County. The sandy shale material below the tower site is approximately 10.00 feet thick based on the information obtained from the site investigation, topographic maps and geological maps of the area.

Conclusions:

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

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



The image shows a circular professional seal for Wendell R. Holmes, a Registered Professional Geologist. The seal features a hammer and pickaxe in the center, with the text "Wendell R. Holmes" at the top and "Registered Professional Geologist" around the bottom. A handwritten signature in black ink is written across the seal.

WENDELL R. HOLMES, P.G.

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

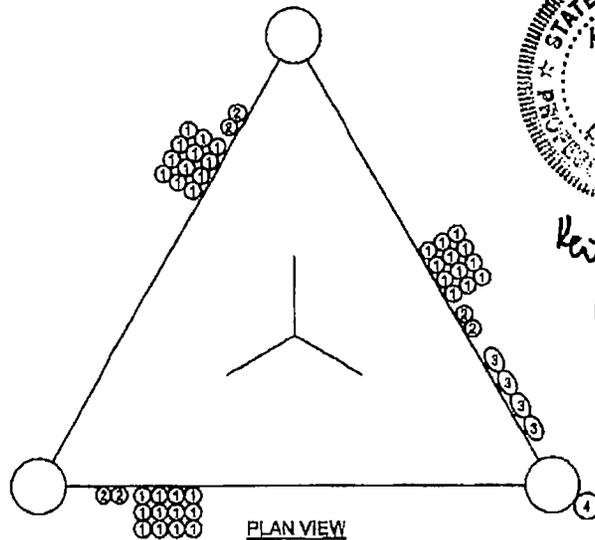
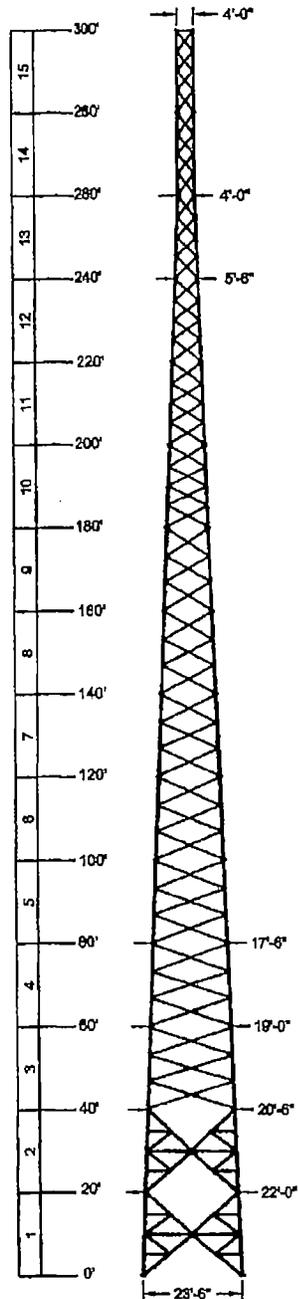
Geologist Log

Location: Trace Fork Tower Site

Unit Thickness	Total depth	Strata	Description
4.00'	4.00'	Soil w/Shale and Sandstone Fragments	Soft, Weathered, Brown and Gray
10.00'	14.00'	Sandy Shale	Hard, Brown and Gray

MEMBER INFORMATION

SECTION	ELEVATION	FACE SIZE	LEG DIA.	DIAGONALS	HORIZONTALS	RED. HORIZ/DIAGS.	INNER BRACING	TOP GIRT	# OF BAYS
1	0' - 20'	23'-6"	Ø4 3/4"	2L 3" x 3/16"	2L 2 1/2" x 3/16"	2L 2" x 3/16"	2L 2" x 3/16"	-	4 - MOD-X
2	20' - 40'	22'-0"	Ø4 3/4"	2L 3" x 3/16"	2L 2 1/2" x 3/16"	2L 2" x 3/16"	2L 2" x 3/16"	-	4 - MOD-X
3	40' - 60'	20'-6"	Ø4 3/4"	L 4" x 1/4"	N/A	-	-	-	3 - X
4	60' - 80'	19'-0"	Ø4 3/4"	L 3 1/2" x 1/4"	N/A	-	-	-	3 - X
5	80' - 100'	17'-6"	Ø4 1/2"	L 3 1/2" x 1/4"	N/A	-	-	-	3 - X
6	100' - 120'	16'-0"	Ø4 1/4"	L 3" x 1/4"	N/A	-	-	-	3 - X
7	120' - 140'	14'-6"	Ø4 1/4"	L 3" x 3/16"	N/A	-	-	-	3 - X
8	140' - 160'	13'-0"	Ø4"	L 3" x 3/16"	N/A	-	-	-	3 - X
9	160' - 180'	11'-6"	Ø3 3/4"	L 3" x 3/16"	N/A	-	-	-	3 - X
10	180' - 200'	10'-0"	Ø3 1/2"	L 2 1/2" x 3/16"	N/A	-	-	-	4 - X
11	200' - 220'	8'-6"	Ø3 1/4"	L 2" x 1/8"	N/A	-	-	-	4 - X
12	220' - 240'	7'-0"	Ø3"	L 2" x 1/8"	N/A	-	-	-	4 - X
13	240' - 260'	5'-6"	Ø2 3/4"	L 1 3/4" x 1/8"	N/A	-	-	-	4 - X
14	260' - 280'	4'-0"	Ø2 1/2"	L 1 3/4" x 1/8"	N/A	-	-	-	4 - X
15	280' - 300'	4'-0"	Ø1 3/4"	L 1 1/2" x 1/8"	N/A	-	-	L 1 1/2" x 3/16"	4 - X



PLAN VIEW REF:

- 1) 1 5/8" HELIX FEED LINES
- 2) 7/8" HYBRID FEED LINES
- 3) EW85 FEED LINES
- 4) STEP BOLTS

BASE REACTIONS:(FACTORED)

TOTAL SHEAR = 77 KIPS
 AXIAL LOAD = 227 KIPS
 UPLIFT / LEG = 561 KIPS
 COMP. / LEG = 845 KIPS
 O.T. MOMENT = 12469 FT-K



Keith M. Eaton
 1-14-2016

DESIGNED APPURTENANCE LOADING
 SHOWN ON SHEET "AA"

DESIGN NOTES:

- 1) TOWER LEGS ARE CONSTRUCTED OF SOLID ROUND BAR MATERIAL.
- 2) SOLID ROUND 0.75" AND LARGER ASTM A-672 GRADE : 60 KSI MIN.
- 3) SOLID ROUND 0.625" AND SMALLER IS ASTM A-36 GRADE : 36 KSI MIN.
- 4) ALL ANGLE MATERIAL IS ASTM A-529 : 60 KSI MIN.
- 5) ALL BRACE AND FLANGE BOLTS ARE A325-X
- 6) THIS TOWER IS DESIGNED FOR STEP BOLTS UP ONE LEG FOR CLIMBING WITH SAFETY CLIMB DEVICE.
- 7) (Ø) #1 3/4" x 5'-6" LONG (F1654-GR.106) ANCHOR BOLTS PER LEG.
- 8) THIS TOWER IS DESIGNED FOR A 90 M.P.H. WIND SPEED WITH NO ICE AND A 30 M.P.H. WIND SPEED WITH 0.75" IN ICE IN ACCORDANCE WITH THE TIA/EIA-222-G STANDARD.
- 9) DEFLECTIONS BASED ON A 60 M.P.H. WIND.
- 10) TOWER DESIGNED TO EXPOSURE C: STRUCTURE CLASS II; TOPO CAT 1.

APPROX. WEIGHT
 63.3 KIPS

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER INC. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER INC.

REV. #	DESCRIPTION	DATE	BY	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN: INCHES	DESCRIPTION
				TOLERANCE BANDS: X ±0.0250 ANGLES ±0.2° ØX ±0.0250 ØX ±0.0150 HOLES ±0.0150	TOWER OVERVIEW APPALACHIAN WIRELESS 300' SELF SUPPORT TOWER TRACE FORK, MAGOFFIN CO., KY
				DRAWN BY: S. HOWELL	
SCALE: NTS				DATE: 01/07/2016	FILE NAME: 57827FT - A
					SHEET: A

ALLSTATE TOWER INC.
 P.O. BOX 25
 HENDRICKS, KY 40418
 PHONE: (502) 638-5513
 FAX: (502) 638-5478
 WWW.ALLSTATETOWER.COM

ANTENNA INFORMATION

ELEVATION	ANTENNA	LINE
300'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
300'	(3) BXA-700836CF	-
300'	(3) ERICSSON - RRUS11	-
290'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
290'	(3) BXA-700836CF	-
290'	(3) ERICSSON - RRUS11	-
280'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
280'	(3) BXA-700836CF	-
280'	(3) ERICSSON - RRUS11	-
270'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
270'	(3) BXA-700836CF	-
270'	(3) ERICSSON - RRUS11	-
250'	(2) 8' STD DISH W/ RADOME	(2) EW65
200'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
200'	(3) BXA-700836CF	-
200'	(3) ERICSSON - RRUS11	-
190'	(6) WPA-8001024CF	(6) 1 5/8" HEL. + (1) 7/8" HYB.
190'	(3) BXA-700836CF	-
190'	(3) ERICSSON - RRUS11	-
185'	(2) 8' STD DISH W/ RADOME	(2) EW65



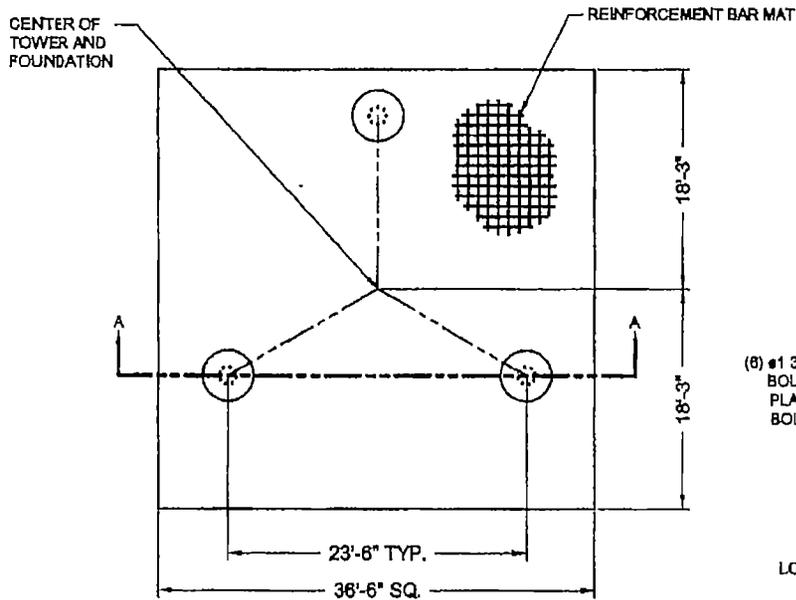
Keith M. Eaton
 1-14-2016



ALLSTATE TOWER INC.
 P.O. BOX 15
 HENDERSON, KY 42419
 PHONE: (270) 830-8612
 FAX: (270) 830-8478
 WWW.ALLSTATETOWER.COM

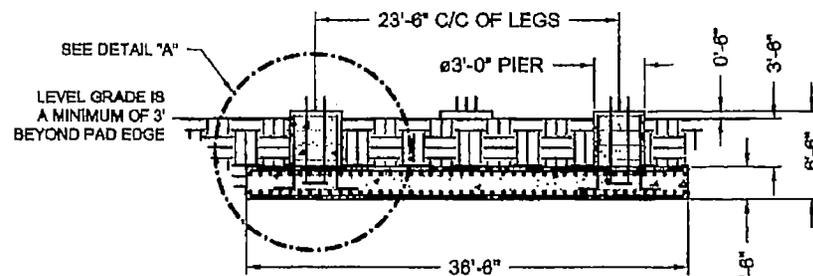
PROPRIETARY & PATENTED: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER INC. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER INC.

REV.#	DESCRIPTION	DATE	BY	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES	DESCRIPTION
				TOLERANCE BANDS: X ±.0325+0 ANGLES ±.2° XX ±.0325+0 XXX ±.0187+0 HOLES ±.0187+0	TOWER OVERVIEW APPALACHIAN WIRELESS 300' SELF SUPPORT TOWER TRACE FORK, MAGOFFIN CO., KY
SCALE: NTS				DATE: 01/07/2016	DRAWN BY: S. HOWELL FILE NAME: 57827FT - A SHEET: AA



PLAN VIEW

TOTAL VOLUME OF CONCRETE = 128.5 YD³



SECTION A-A

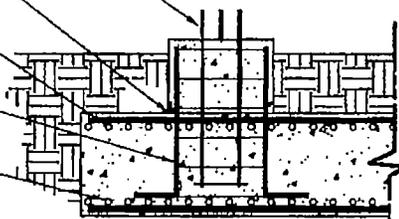
(8) #1 3/4" X 5'-6" OVERALL LENGTH ANCHOR BOLTS (F1554-GR105) W/ 1" THK BEARING PLATE AT THE BOTTOM OF THE ANCHOR BOLT CLUSTER (4'-8" MIN. ANCHOR BOLT EMBEDMENT).

USE EPOXY BONDING AGENT WHEN POURED SEPERATELY

(36) #9 HORIZONTAL BARS x 36'-0" LONG EQUALLY SPACED EACH WAY AT TOP OF MAT. (TOTAL=72)

(32) #8 VERTICAL BARS w/ 6" HOOK W/ (5) #4 TIES EQ. SPACED.

(72) #9 HORIZONTAL BARS x 36'-0" LONG EQUALLY SPACED EACH WAY AT BOTTOM OF MAT. (TOTAL=144)



DETAIL "A"

REINFORCEMENT BAR SPlicing:

1. ALL LAP SPICES SHALL CONFORM TO ACI 318 REQUIREMENTS.
2. REFER TO CHART BELOW WHEN REINFORCEMENT BAR SPlicing IS NECESSARY.

REINFORCING BAR SIZE LAP SPlice LENGTH

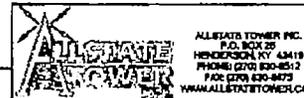
3	16"
4	17"
5	21"
6	28"
7	30"
8	38"
9	45"
10	56"
11	71"



Keith M. Eaton
1-19-2016

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, AND/TA/EA 222-G: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
2. THIS FOUNDATION IS DESIGNED UTILIZING THE GEOTECHNICAL REPORT PERFORMED BY WENDELL R. HOLMES, P.G.; DATED 11-29-16. THE FOUNDATION CONTRACTOR SHALL INSTALL THE FOUNDATIONS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
3. ALL WORK PERFORMED FROM THESE DRAWINGS SHOULD BE BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER FOUNDATION CONSTRUCTION.
4. ALL FOOTING EXCAVATIONS SHALL BE MANUALLY CLEANED PRIOR TO PLACING CONCRETE. COMPACT THE EXPOSED SOIL SURFACE AND ANY GRANULAR FILL UNDER THE FOUNDATION TO 90% OF THE MODIFIED PROCTOR DENSITY.
5. 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.
6. MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE 3".
7. FIELD BENDING OR WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.
8. PROVIDE CHAMFERS AT ALL EXPOSED CORNERS OF CONCRETE.
9. BACKFILL NEAR AND AROUND THE FOUNDATIONS SHALL BE A WELL GRADED FILL MATERIAL PLACED IN 8" THICK LAYERS THAT HAS BEEN COMPACTED TO 90% OF THE MODIFIED PROCTOR DENSITY PER ASTM D1557.
10. SOME DETAIL HAS BEEN PURPOSELY OMITTED TO CLARIFY ILLUSTRATION.



PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER INC. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER INC.

REV#	DESCRIPTION	DATE	BY	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES	DESCRIPTION:
				TOLERANCE BANDS: X .002"/-0 ANGLES +/- 2" XX .002"/-0 XXX .010"/-0 HOLE + .000"/-0	PAD & PIER FOUNDATION DESIGN APPALACHIAN WIRELESS TRACE FORK, MAGOFFIN CO., KY
SCALE: NTS				DRAWN BY: J. THOMPSON	FILE NAME: 57827FT - B
				DATE: 1/13/2016	SHEET: B



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 10101 Hillwood Parkway
 Fort Worth, TX 76177

Aeronautical Study No.
 2015-ASO-19110-OE

Issued Date: 12/04/2015

Ali Kuzehkanani
 East Kentucky Network, LLC
 8300 Greensboro Drive, Suite 1200
 McLean, VA 22102

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Antenna Tower Gunlock (Tracefork)
 Location: Gunlock, KY
 Latitude: 37-32-29.57N NAD 83
 Longitude: 82-58-14.00W
 Heights: 1514 feet site elevation (SE)
 310 feet above ground level (AGL)
 1824 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 06/04/2017 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If you need further assistance, please contact our office at (817) 222-5928. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-ASO-19110-OE.

Signature Control No: 271503228-274188201

(DNE)

Alice Yett
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2015-ASO-191110-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W



KENTUCKY AIRPORT ZONING COMMISSION

STEVEN BESHEAR
Governor

90 Airport Road, Bldg 400
Frankfort, KY 40601
www.transportation.ky.gov/aviation
502 564-4480

December 21, 2015

APPROVAL OF APPLICATION

APPLICANT:

East Kentucky Network, LLC.
East Kentucky Network, LLC.
8300 Greensboro Drive|Suite 1200
McLean, VA 22102

SUBJECT: AS-077-CPF-2015-121

STRUCTURE: Antenna Tower
LOCATION: Gunlock, KY
COORDINATES: 37° 32' 29.57" N / 82° 58' 14.00" W
HEIGHT: 310' AGL/1824' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 310'AGL/ 1824'AMSL Antenna Tower near Gunlock, KY 37° 32' 29.57" N / 82° 58' 14.00" W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Medium Dual Obstruction Lighting is required in accordance with 602 KAR 50:100.

A handwritten signature in blue ink, appearing to read "John Houlihan".

John Houlihan
Administrator





KENTUCKY AIRPORT ZONING COMMISSION

STEVEN BESHEAR
Governor

90 Airport Road, Bldg 400
Frankfort, KY 40601
www.transportation.ky.gov/aviation
502 564-4480

CONSTRUCTION/ALTERATION STATUS REPORT

December 21, 2015

AERONAUTICAL STUDY NUMBER: AS-077-CPF-2015-121

East Kentucky Network, LLC.
East Kentucky Network, LLC.
8300 Greensboro Drive, Suite 1200
McLean, VA 22102

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on December 21, 2015. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 90 Airport Road, Bldg 400, Frankfort, KY, 40601. 502 564-4480.

STRUCTURE: Antenna Tower
LOCATION: Gunlock, KY
COORDINATES: 37° 32' 29.57" N / 82° 58' 14.00" W
HEIGHT: 310' AGL /1824'AMSL

CONSTRUCTION/ALTERATION STATUS

1. The project () is abandoned. () is not abandoned.

2. Construction status is as follows:

Structure reached its greatest height of _____ ft. AGL
_____ ft. AMSL on _____ (date).

Date construction was completed. _____

Type of obstruction marking/painting. _____

Type of obstruction lighting. _____

As built coordinates. _____

Miscellaneous Information. _____

DATE _____

SIGNATURE/TITLE _____



An Equa Opportunity Employer M/F/D



KENTUCKY AIRPORT ZONING COMMISSION

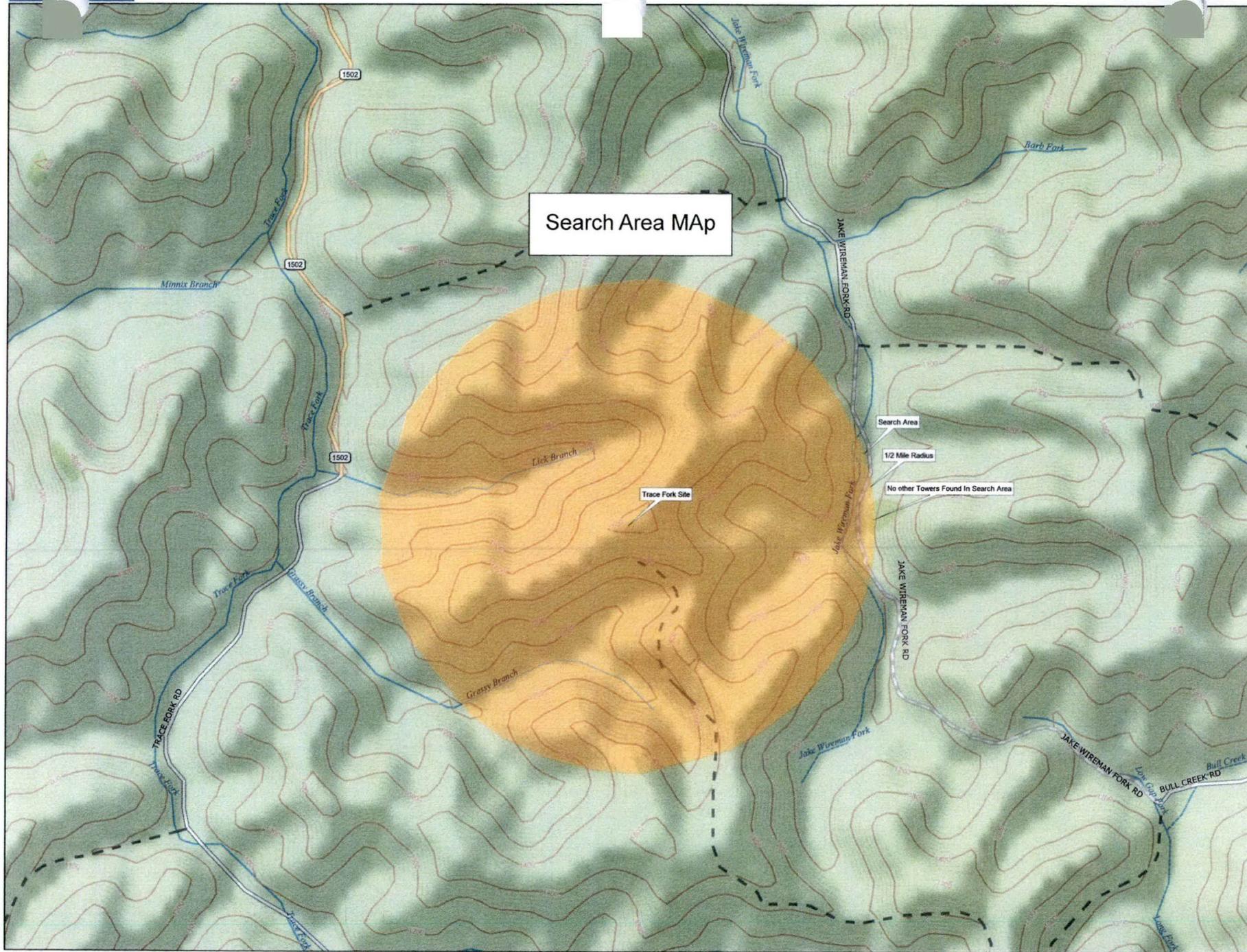
APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

APPLICANT (name) East Kentucky Network, LLC c/o LNGS		PHONE 703-584-8667	FAX 703-584-8692	KY AERONAUTICAL STUDY # KS-077-CPE-2015-121	
ADDRESS (street) 8300 Greensboro Dr, #1200		CITY McLean		STATE VA	ZIP 22102
APPLICANT'S REPRESENTATIVE (name) Ali Kuzehkanani		PHONE 703-584-8667	FAX 703-584-8692		
ADDRESS (street) 8300 Greensboro Dr, #1200		CITY McLean		STATE VA	ZIP 22102
APPLICATION FOR <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				WORK SCHEDULE	
DURATION <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days)				Start 12/15/15 End 12/20/15	
TYPE <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		MARKING/PAINTING/LIGHTING PREFERRED <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
LATITUDE 37°32'29.57"		LONGITUDE 82°58'14.00"		DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
NEAREST KENTUCKY City Gunlock County Magoffin ✓		NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT Wendell H Ford Airport			
SITE ELEVATION (AMSL, feet) 514		TOTAL STRUCTURE HEIGHT (AGL, feet) 310		CURRENT (FAA aeronautical study #)	
OVERALL HEIGHT (site elevation plus total structure height, feet) 1824				PREVIOUS (FAA aeronautical study #)	
DISTANCE (from nearest Kentucky public use or Military airport to structure) 16.7 mi				PREVIOUS (KY aeronautical study #)	
DIRECTION (from nearest Kentucky public use or Military airport to structure) WSW					
DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.) Approx. 2.5 miles W of Gunlock (Magoffin), KY					
DESCRIPTION OF PROPOSAL A new 300' tower with top-mounted antennas (overall height of 310' AGL)					
FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 11/06/15					
CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)					
PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)					
NAME Ali Kuzehkanani	TITLE Dir of Engineering	SIGNATURE <i>Ali Kuzehkanani</i>		DATE 11/06/15	
COMMISSION ACTION <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved					
SIGNATURE <i>[Signature]</i>				DATE 12-21-15	
<input checked="" type="checkbox"/> Chairperson, KAZC <input checked="" type="checkbox"/> Administrator, KAZC					

Driving Directions for Tracefork

Starting in front of the Magoffin County Court House at the intersection of highways 460, 40 and 7, take Route 7 (South/460East) .2 miles, turn right on Route 7 (south), go 15.9 miles, turn right on route 542 (west). Go 3 miles, turn left on Highway 1502 (South), go 2.7 miles. Tower access road is on the left (signs will be posted here).

Prepared By:
Jack Adkins
Appalachian Wireless
606-339-0531



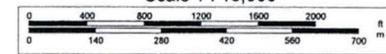
Data use subject to license.

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www.delorme.com



Scale 1 : 16,000



1" = 1,333.3 ft

Data Zoom 14-1

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE is made and entered into on this the 15th day of October, 2015, with a commencement date of October 1st, by and between Goldie Wireman, with the mailing address of HC 88 Box 110, Royalton, Kentucky 41464, hereinafter referred to as "Lessors" and East Kentucky Network, LLC d/b/a Appalachian Wireless, with a mailing address of 101 Technology Trail, Ivel, Kentucky, 41642, hereinafter referred to as "Lessee."

WITNESSETH:

1. **Demised Premises:** For good and valuable consideration, Lessors do hereby lease to Lessee, and Lessee does hereby lease from Lessors, a portion of that certain tract of real estate located in Magoffin County, Kentucky, and being a portion of the same land conveyed to Lessors by Deed of Conveyance referenced in Deed Book 190, Page 270, in the Magoffin County Clerk's Office. Said property is more particularly described in the description and plat attached hereto and made a part hereof as Exhibits A and B, prepared by Steven E. Haywood of Summit Engineering, Licensed Professional Land Surveyor (hereinafter referred to as the "Premises");
2. **Term:** The term of the Lease shall be for a period of five (5) years from the commencement date of the Lease Agreement.
3. **Option to Renew:** Lessee shall have the option to renew the Lease for an additional six (6) terms of five (5) years each.
4. **Binding Effect:** All of the terms, conditions, and covenants hereof shall be binding and shall inure to the benefit of the heirs, representatives, successors, and assigns of the parties hereto.

5. **Purpose:** 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, nor 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:

Goldie Wireman by Patty Auxier
Goldie Wireman, by Patty Auxier, POA

COMMONWEALTH OF KENTUCKY
COUNTY OF Maggoffin

The foregoing instrument was acknowledged before me on this 15th day of October, 2015, by Goldie Wireman, by Patty Auxier, POA, Lessors.

Raina D. Bradley
Notary Public

My Commission Expires Feb 3, 2016

LESSEE:

EAST KENTUCKY NETWORK, LLC

By WA Gillum

Its CEO/GM

COMMONWEALTH OF KENTUCKY
COUNTY OF Floyd

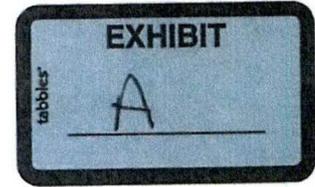
The foregoing instrument was acknowledged before me on this 12th day of October, 2015, by W.A. Gillum, CEO/General Manager of East Kentucky Network, LLC, d/b/a Appalachian Wireless.

Raina D. Bradley
Notary Public

My Commission Expires Feb 3, 2016

This instrument was prepared by:

William S. Kendrick
William S. Kendrick, Attorney at Law
119 E. Court Street
Prestonsburg, KY 41653



Description
Trace Fork, Magoffin County
Tower Site

A certain tract of land located on Trace Fork of the Licking River and being on the ridge between Lick Branch of Trace Fork and Jake Wireman Fork of the Trace Fork of the Licking River, Magoffin County, Kentucky, more particularly described as follows:

Unless stated otherwise any monument referred to herein as a Re-Bar and Cap is a set 1/2" steel re-bar eighteen (18") in length with a yellow plastic cap stamped Summit L.S. #2661. All bearings stated herein are referred to Grid North based on Kentucky Single Zone State Plane NAD 83 coordinates.

Beginning at a set Re-Bar and Cap and being N 60°51'15" W a distance of 10.98' from the boundary line between Betty Salyers (D.B. 106 P. 513) and Goldie Wireman (D.B. 190 P. 270) and having Kentucky single Zone Coordinates of N: 3,732,750.14 E: 5,727,024.76 ;

Thence, down the hill S 43°15'58" W a distance of 69.24' to a set Re-Bar and Cap;
Thence, around the hill N 46°44'02" W a distance of 100.00' to a set Re-Bar and Cap at the edge of an existing gas we road; Thence, up the hill with the edge of the road N 43°15'58" E a distance of 69.24' to a set Re-Bar and Cap; Thence, N 45°34'06" E a distance of 50.05' to a set Re-Bar and Cap; Thence, leaving the gas well road S 57°31'01" E a distance of 53.64' to a set Re-Bar and Cap; Thence, S 42°54'07" W a distance of 42.06' to a set Re-Bar and Cap; Thence, S 07°46'09" W a distance of 22.10' to a set Re-Bar and Cap; Thence, S 46°44'02" E a distance of 32.20' to the point of beginning and containing 0.23 acres more or less according to a survey conducted by persons under the direct supervision of Steven E. Haywood, PLS #2661 with Summit Engineering, Inc. on September 10, 2015 and being a portion of the same tract of land conveyed to Goldie Wireman by Patty Auxier et.al by deed witnessed on June 24, 2007 which is recorded in Deed Book 190 Page 270 in the records of the Magoffin County Court Clerk's office.

Steven E. Haywood, PLS #2661

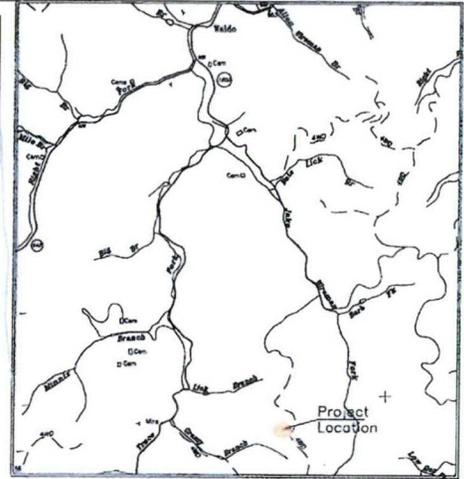


9-11-15
Date:



Proposed Tower Location
 N: 3,732,763.287
 E: 5,726,962.445
 EL: 1,514 (Existing Ground)
 LAT: 37°32'29.578"
 LON: 82°58'14.009"

Flood Hazard Information:
 The site shown hereon does not lie within a Flood Zone
 FIRM Panel 315 of 335
 Magoffin County, Kentucky
 Map # 210158 0315 D
 Map Effective Date: January 2, 2013



Vicinity Map
 Not to Scale
 David, Kentucky
 7 12' Quadrangle Map

Goldie Wireman
 D.B. 190 P. 270

Existing Gas Well Road
 N 43°15'58" E
 69.24'

Betty Solyer
 D.B. 106 P. 513
 PVA #076-00-00-036.01
 PVA #077-00-00-006.01

Center of Ridge based on contours.
 Ridge base on edge of disturbance

Proposed Tower Site
 10,000.0 Sq. Feet
 0.23 Acres

Point of Beginning
 N: 3,732,750.14
 E: 5,727,024.76

Goldie Wireman
 D.B. 190 P. 270

N 46°44'02" W
 100.00'

Goldie Wireman
 D.B. 190 P. 270

S 43°15'58" W
 69.24'

N 60°51'15" W
 10.98'

LEGEND

- ⊙ 1/2" re-bar set with a plastic cap stamped Summit Engineering, L.S. #2661 unless otherwise noted.
- Meander Point
- Boundary
- - - Adjoining Property Lines
- X - Fence Line
- △ Proposed Tower Location

The tract of land shown hereon is a portion of the tract of land conveyed to Goldie Wireman by Patty Auxier et. al by deed witnessed on June 24, 2007 which is recorded in Deed Book 190 Page 270 which is recorded in the records of the Magoffin County Court Clerk's office.

The tract of land shown hereon is located on the ridge between Lick Branch of Trace Fork and Jake Wireman Fork of Trace Fork, Magoffin CO., KY.

The contours shown hereon are based on LIDAR Mapping



File Name: Z:\East Ky Network\Trace Fork\Trace Fork Tower.dwg

SURVEYOR'S STATEMENTS

1. The survey shown hereon was conducted under my direct supervision.
2. The method used was by random traverse with sideshots.
3. The mathematical error of closure was 1:109,538.
4. The bearings and distances were not adjusted for closure.
5. The basis for the bearings: Grid North, KY Single Zone NAD 83
6. This is a Class "B" Rural survey.
7. This plot of survey represents a Boundary Survey and complies with 201 KAR 18:199

Steven E. Haywood PLS No. 2661 Date: 9-11-15

Survey Dates:
 8/19/2015
 9/10/2015

Surveyor Information:
 Steven E. Haywood, PLS #2661
 Summit Engineering, Inc.
 131 Summit Drive
 Pikeville, KY 41501

Owner Information
 Goldie Wireman
 HC 88 Box 600
 Gunlock, KY 41632

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

EAST KENTUCKY NETWORK
 d/b/a Appalachian Wireless
 101 Technology Trail Ivel, KY 41642

Plot map
 Proposed Trace Fork Tower
 On the Ridge Between Lick Branch of Trace Fork and Jake
 Wireman Fork of Trace Fork, Magoffin County, Kentucky

SUMMIT ENGINEERING, INC.
 131 SUMMIT DRIVE
 PIKEVILLE, KY 41501
 (606) 432-1447

Lexington, KY • Lexington, KY
 South Charleston, WV • Bridgeport, WV

Scale: 1"=20'	Drawn By: mc/seh	Chk By:	Apprvd. By:	PER. NO:
Plot Date: 11 SEPTEMBER 2015 - 1:40 PM				ATT:

CASE NO: 2015-270

**CONTAINS
LARGE OR OVERSIZED
MAP(S)**

RECEIVED ON: RECEIVED

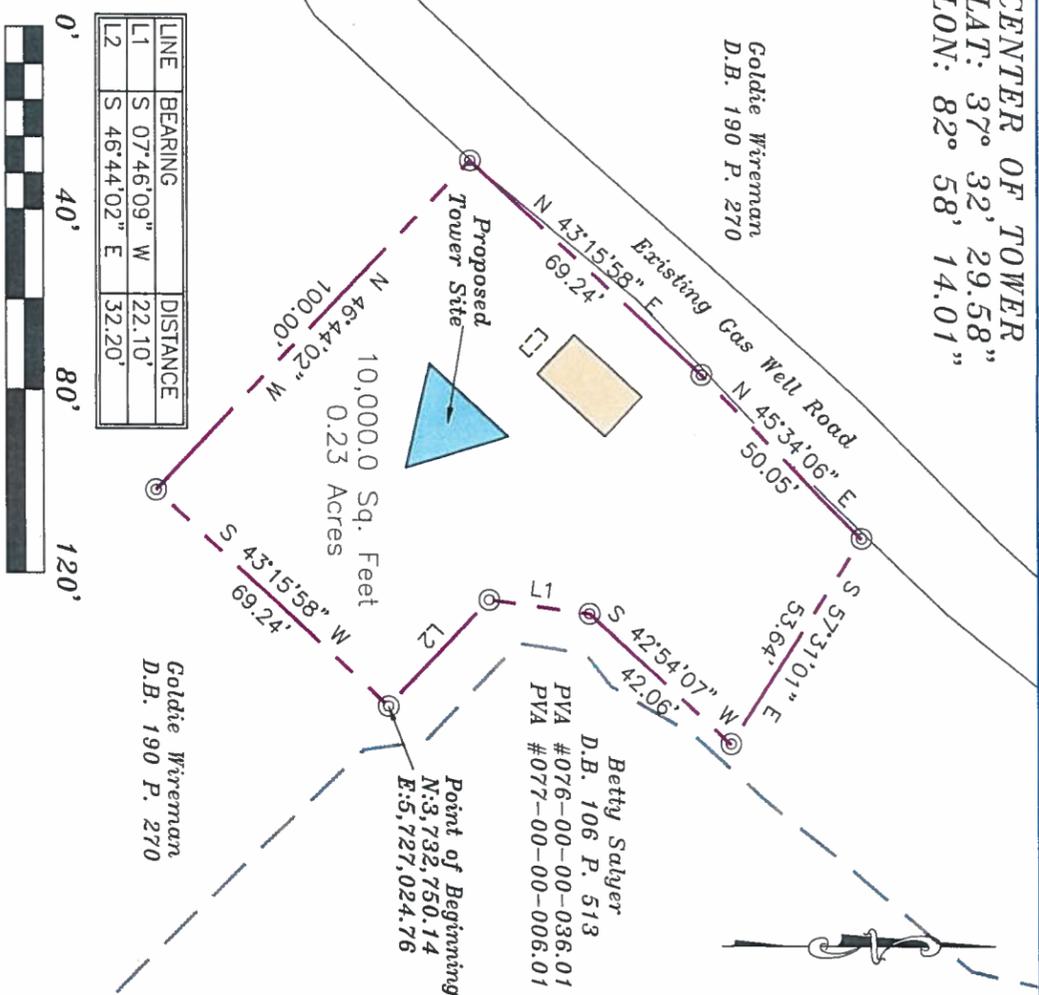
MAR 3 2016

**PUBLIC SERVICE
COMMISSION**

TRACE FORK TOWER

SITE SURVEY WITH PROPOSED TOWER & BUILDING LOCATION

CENTER OF TOWER
 LAT: 37° 32' 29.58"
 LON: 82° 58' 14.01"



Legend

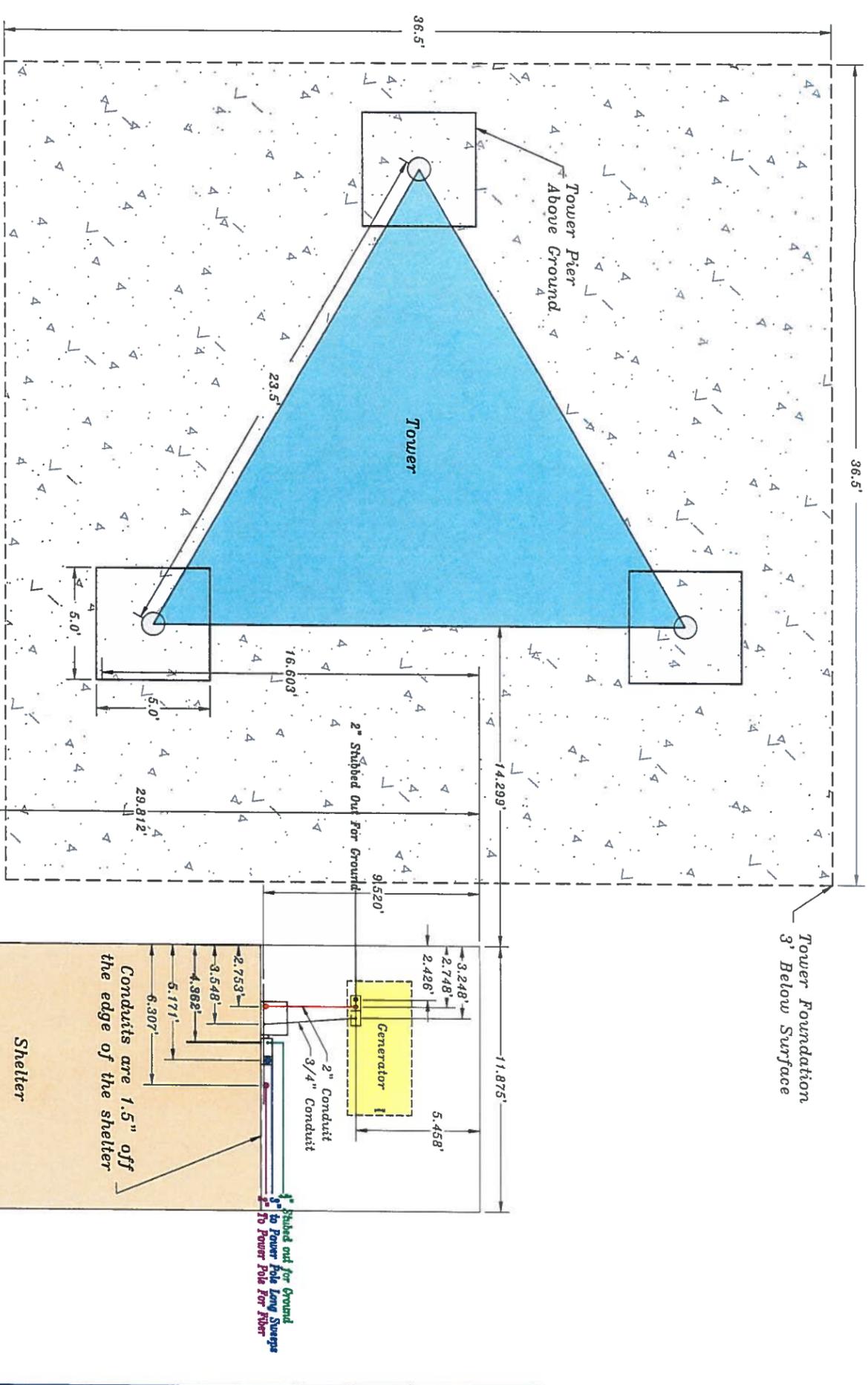
- 1/2" re-bar set with a plastic cap stamped Summit Engineering, L.S. #2661 unless otherwise noted.
- Boundary
- Property Line With Ridge
- Proposed Tower Location

— NAD 83 KY Single Zone State Plane Coordinates
 N: 3,732,763.29
 E: 5,726,962.45
 — EL: 1,514 (Existing Ground)

FAA Certification

In Accordance with FAA Order 8260.19G, Appendix G, I hereby certify that the Obstacle Accuracy Codes for the proposed Tower meets or exceeds accuracy 2C (+50 ft Horizontal and +20 ft Vertical).

Steve Haywood 2661
 Steven E. Haywood, PLS #2661
 Date 2-23-16



0' 6' 12' 18'

SCALE: 1" = 6'

STATE OF KENTUCKY
 BRADLEY KENNETH SLONE
 22308
 LICENSED PROFESSIONAL ENGINEER

EAST KENTUCKY NETWORK
 D/B/A APPALACHIAN WIRELESS
 101 TECHNOLOGY TRAIL, IVEL, KY 41643

Trace Fork Tower - Site Map
 Goldie Wireman
 Located on the Ridge Between Lick Branch of Trace Fork and Joke Wireman Fork of Trace Fork, Magoffin County, KY

Scale: As Noted

Drawn By: MAC
 Chk By: MAC
 Apprvd. By:

Plot Date: 23 FEBRUARY 2016 - 10:58 AM

File Name: Z:\Fast Ky Network\Trace Fork\Trace Fork Site Mapping

SUMMIT ENGINEERING, INC.
 131 SUMMIT DRIVE
 PIKEVILLE, KY, 41501
 (606) 432-1447

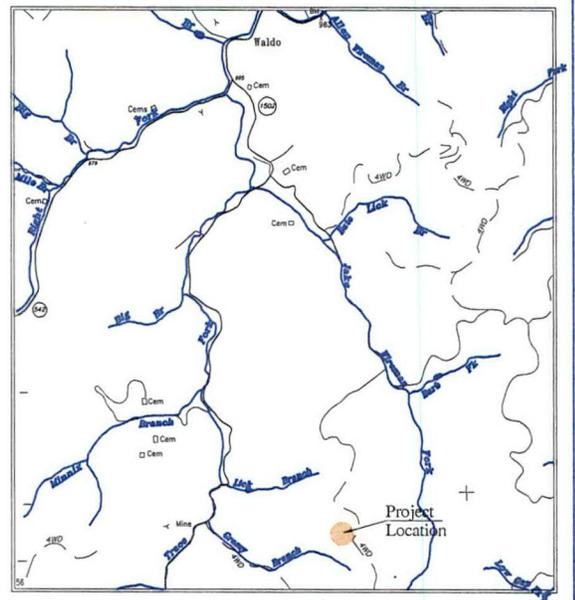
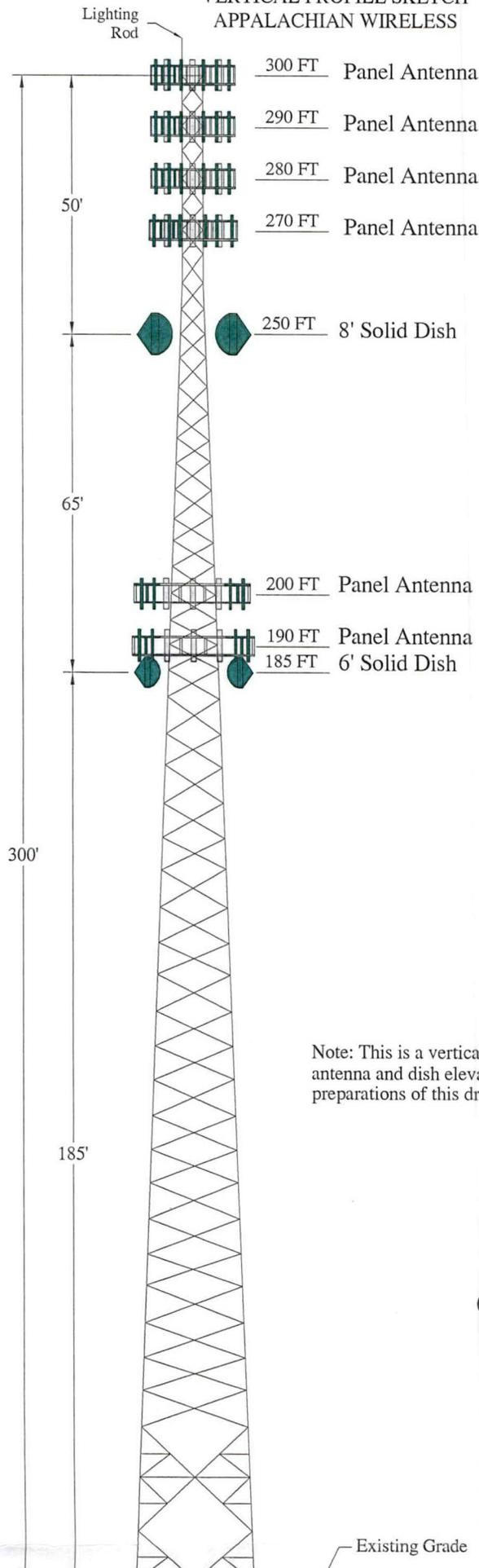
PIKEVILLE, LEXINGTON & HENDERSON, KY & SOUTH CHARLESTON, WV

PER. NO:
 ATT:

2015-340

TRACE FORK TOWER

VERTICAL PROFILE SKETCH
APPALACHIAN WIRELESS



Vicinity Map
NTS

Note: This is a vertical sketch of the tower indicating the proposed antenna and dish elevations. No design criteria was considered in the preparations of this drawing.



Graphic Scale
1" = 30'



Existing Grade