

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

THE APPLICATION OF	)	
CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS	)	
AND TOWERCO 2013, LLC FOR ISSUANCE	)	CASE NO. 2025-00068
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND	)	
NECESSITY TO CONSTRUCT A WIRELESS	)	
COMMUNICATIONS FACILITY IN THE	)	
COMMONWEALTH OF KENTUCKY IN THE COUNTY	)	
OF LOGAN	)	

SITE NAME: RUSSELLVILLE SE

\* \* \* \* \*

**APPLICATION FOR  
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY  
FOR CONSTRUCTION OF A WIRELESS COMMUNICATIONS FACILITY**

Cellco Partnership, d/b/a Verizon Wireless and TowerCo 2013, LLC (“Co-Applicants”), by counsel, pursuant to (i) KRS §§278.020, 278.040, 278.650, 278.665, and other statutory authority, and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit this Application requesting issuance of a Certificate of Public Convenience and Necessity (“CPCN”) from the Kentucky Public Service Commission (“PSC”) to construct, maintain, and operate a Wireless Communications Facility (“WCF”) to serve the customers of the Co-Applicant with wireless communications services.

In support of this Application, Co-Applicants respectfully provide and state the following information:

1. The complete name and address of the Co-Applicants:
  - a. Cellco Partnership, d/b/a Verizon Wireless, having a local address of 2902 Ring Road, Elizabethtown, KY, 42701.

- b. TowerCo 2013, LLC, having a local address of 5000 Valleystone Drive, Cary, NC 27519

2. Co-Applicants:

- a. Cellco Partnership, d/b/a Verizon Wireless is a Delaware general partnership and a copy of the Statement of Good Standing from Delaware, and the Certificate of Assumed Name is on file with the Secretary of State of Commonwealth of Kentucky and included as part of **Exhibit A**.
- b. TowerCo 2013, LLC is a Delaware limited liability company and copies of the formulation document and the Statement of Good Standing from Delaware, and the Certificate of Authorization is on file with the Secretary of State of Commonwealth of Kentucky, are included as part of **Exhibit A**.

3. Co-Applicants propose construction of an antenna tower for communications services, which is to be located in an area outside the jurisdiction of a planning commission, and Co-Applicants submit this application to the PSC for a certificate of public convenience and necessity pursuant to KRS §§ 278.020(1), 278.040, 278.650, 278.665, and other statutory authority.

4. The Co-Applicant operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of the Co-Applicants' FCC Registration and Licenses with Authorization to provide wireless services are attached to this Application or described as part of **Exhibit B**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Co-Applicant's services to an area

currently not served or not adequately served by the Co-Applicants by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. A statement from Co-Applicant's RF Design Engineer outlining said need is attached as **Exhibit Q** along with Propagation Maps attached as **Exhibit R**. The WCF is an integral link in the Applicant's network design that must be in place to provide adequate coverage to the service area.

6. To address the above-described service needs, Co-Applicants propose to construct a WCF on a site located on the south side of Mud River Church Road, approximately .6 mile south of its intersection with US-68 E, Russellville, KY 42276, (North Latitude: (36° 49' 24.40", West Longitude 86° 48' 30.30") ), on a parcel of land located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by David and Brenda Yoder pursuant to a Deed recorded in Deed Book D458, Page 371 in the office of the County Clerk. The proposed WCF will consist of a 125-foot tall monopole tower, with an approximately 3-foot tall lightning arrestor attached at the top, for a total height of 128-feet.

It should be noted that this proposed tower will replace the existing temporary tower located adjacent, on the same property. Once the proposed tower is constructed and operating, the temporary tower will be decommissioned and removed from the site.

The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Co-Applicant's radio electronics equipment and appurtenant equipment. The Co-Applicant's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit C** and **Exhibit D**.

7. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete along with a map showing the proposed location as well as the identified like facilities is attached as **Exhibit E**.

8. The site development plan and a vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Co-Applicant has also been included as part of **Exhibit C**.

9. Foundation design plans signed and sealed by a professional engineer registered in Kentucky and a description of the standards according to which the tower was designed are included as part of **Exhibit D**.

10. Co-Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Co-Applicant's antennas on an existing structure. When suitable towers or structures exist, Co-Applicant attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Co-Applicant's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site. A statement from Co-Applicant, Cellco Partnership, d/b/a Verizon Wireless's RF Design Engineer outlining exploration of co-location opportunities is attached as **Exhibit Q**.

11. A copy of the Application and the Determination of No Hazard from the Federal Aviation Administration's ("FAA") review is attached as **Exhibit F**. The proposed total height of the tower at 128 feet.



12. A copy of the application documentation from Kentucky Airport Zoning Commission (“KAZC”) is attached as **Exhibit G**. The Approval will be submitted as soon as received.

13. A geotechnical engineering report was performed at the WCF site by Engineered Tower Solutions, PLLC - 3227 Wellington Court - Raleigh, NC 27615, dated June 11, 2025 and is attached as **Exhibit H**. While the report references a tower height of 195’, the shorter proposed tower of 128’ will not negate the accuracy of the soils report. The name and address of the geotechnical engineering firm and the professional engineer registered in Kentucky who prepared the report are included as part of **Exhibit H and Exhibit S**.

14. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and telephone number of the preparer of **Exhibit I** are included as part of this exhibit.

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**.

16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit D** bear the signature and stamp of a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed the minimum requirements of applicable laws and regulations. The identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.

17. The Construction Manager for the proposed facility is Caleb McVey and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibit S**.

18. As noted on the Survey attached as part of **Exhibit C**, the surveyor has determined that the tower site and access easement are not within any flood hazard area per Flood Hazard Boundary Map, Community Panel Number 21141C0300D, Dated October 2, 2012.

19. **Exhibit C** includes a map drawn to an appropriate scale that shows the location of the proposed tower and identifies every owner of real estate within 500 feet of the proposed tower, every owner of real estate within 200 feet of the access road including intersection with the public street system and all abutting property owners (according to the records maintained by the County Property Valuation Administrator). Attached as **Exhibit K** is the Notification List with screen shots of the PVA records verified and updated using the Logan County PVA on March 17, 2025. **Exhibit C** also identifies every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system.

20. Co-Applicants have sent certified notices to every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and informed of his or her right to request intervention. A copy of the form of the notice sent by certified mail to each landowner on March 25, 2025, is attached as **Exhibit L-1**. Eight (8) notices were sent to surrounding property owners; as of April 24, 2025 five (5) notice green cards had been returned and two envelopes were returned. New notice was sent to the last property

owner on May 13, 2025; the green card has been returned for the second mailing. A copy of the form of notice is attached as **Exhibit L-2**. Copies of the mailed envelopes, returned green cards and returned envelopes are included in **Exhibit L-1 and Exhibit L-2**. All notices have been delivered or returned.

21. Co-Applicants have notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive of his/her right to request intervention. A copy of this notice along with a copy of the mailed envelope and returned green card is attached as **Exhibit M**.

22. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit N**.

23. A legal notice advertisement regarding the location of the proposed facility has been published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A copy of the newspaper legal notice advertisement is attached as **Exhibit O**.

24. The area of the proposed facility is in the unincorporated area of Logan County, Kentucky. The site is located on the south side of Mud River Church Road, approximately 0.6 miles south of US Hwy 68; Russellville KY 42276. The area is completely wooded on all sides of the site. The area is generally wooded with a few single family homes in the general area. The terrain is extremely hilly. There is no zoning or Plan Commission in this area of Logan County.

The proposed facility is removed a significant distance from any residential structures. The nearest residential structure is 1,581 feet from the proposed tower site.

25. The process that was used by the Co-Applicant's radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Co-Applicant's radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to handle voice and data traffic in the service area. The engineers determined an optimum area for the placement of the proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Co-Applicant when searching for sites for its antennas that would provide the coverage deemed necessary by the Co-Applicant. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency requirements is attached as **Exhibit P**.

26. The tower must be located at the proposed location and proposed height to provide necessary service to wireless communications users in the subject area, as set out and documented in the RF Design Engineer's Statement of Need and Propagation Maps attached as **Exhibit Q** and **Exhibit R**, respectively. The proposed tower will expand and improve voice and data service for Verizon Wireless customers.

27. Attached hereto as **Exhibit T** please find an Affidavit of Certification for all information contained in this application.

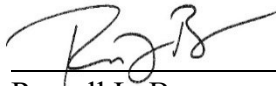
28. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

29. All responses and requests associated with this Application may be directed to:

Russell L. Brown  
Clark, Quinn, Moses, Scott & Grahn, LLP  
320 North Meridian Street, Suite 1100  
Indianapolis, IN 46204  
Phone: (317) 637-1321  
FAX: (317) 687-2344  
Email: rbrown@clarkquinnlaw.com

WHEREFORE, Co-Applicants respectfully request 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 WCF at the location set forth herein.

Respectfully submitted,



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Russell L. Brown  
Clark, Quinn, Moses, Scott & Grahn, LLP  
320 North Meridian Street, Suite 1100  
Indianapolis, IN 46204  
Phone: (317) 637-1321 / FAX: (317) 687-2344  
Email: rbrown@clarkquinnlaw.com  
Attorney for Cellco Partnership d/b/a Verizon Wireless

## **LIST OF EXHIBITS**

- A Applicant Entities
- B FCC Registration and License Documentation
- C Site Development Plan:
  - 500' Vicinity Map
  - Flood Plain Certification Site Plan
  - Vertical Tower Profile
- D Tower and Foundation Design
- E Competing Utilities List and Map
- F FAA Application and Determination of No Hazard
- G KAZC Application Documentation
- H Geotechnical Report
- I Directions to WCF Site
- J Real Estate Agreement
- K Notification Listing with PVA Verification
- L-1 March 25 Property Owner Notification
- L-2 May 13 Property Owner Notification
- M County Judge/Executive notice
- N Posted Notices
- O Newspaper Legal Notice Advertisement
- P Radio Frequency Design Search Area
- Q RF Design Engineer Statement of Need
- R Propagation Maps
- S List of Qualified Professionals
- T Affidavit of Certification

# Delaware

The First State

Page 1

*I, CHARUNI PATIBANDA-SANCHEZ, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "CELLCO PARTNERSHIP" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE FOURTEENTH DAY OF FEBRUARY, A.D. 2025.*

*AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.*



3341134 8300

SR# 20250539476

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature in cursive script, reading "C. P. Sanchez", written in black ink.

Charuni Patibanda-Sanchez, Secretary of State

Authentication: 202935577

Date: 02-14-25



**Michael G. Adams**  
**Secretary of State**

**Certificate**

I, Michael G. Adams, Secretary of State for the Commonwealth of Kentucky, do hereby certify that the foregoing writing has been carefully compared by me with the original thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of

CERTIFICATE OF ASSUMED NAME OF VERIZON WIRELESS ADOPTED BY  
GENERAL PARTNERS OF CELLCO PARTNERSHIP FILED JUNE 21, 2006.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my  
Official Seal at Frankfort, Kentucky, this 10th day of May, 2023.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
kdcoleman/0641227 - Certificate ID: 290787



COMMONWEALTH OF KENTUCKY  
TREY GRAYSON  
SECRETARY OF STATE



0641227.07

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C226

Trey Grayson  
Secretary of State  
Received and Filed  
06/21/2006 12:06:09 PM  
Fee Receipt: \$20.00

CERTIFICATE OF ASSUMED NAME

This certifies that the assumed name of  
Verizon Wireless

[Name under which the business will be conducted]

has been adopted by See Addendum

[Real name - KRS 365.015(1)]

which is the "real name" of (YOU MUST CHECK ONE)

- |  |   |
|--|---|
| <input type="checkbox"/> a Domestic General Partnership                      | <input checked="" type="checkbox"/> a Foreign General Partnership           |
| <input type="checkbox"/> a Domestic Registered Limited Liability Partnership | <input type="checkbox"/> a Foreign Registered Limited Liability Partnership |
| <input type="checkbox"/> a Domestic Limited Partnership                      | <input type="checkbox"/> a Foreign Limited Partnership                      |
| <input type="checkbox"/> a Domestic Business Trust                           | <input type="checkbox"/> a Foreign Business Trust                           |
| <input type="checkbox"/> a Domestic Corporation                              | <input type="checkbox"/> a Foreign Corporation                              |
| <input type="checkbox"/> a Domestic Limited Liability Company                | <input type="checkbox"/> a Foreign Limited Liability Company                |
| <input type="checkbox"/> a Joint Venture                                     |   |

organized and existing in the state or country of Delaware, and whose address is

One Verizon Way Basking Ridge NJ 07920

Street address, if any

City

State

Zip Code

The certificate of assumed name is executed by

**NYNEX PCS Inc.**

**Jane A. Schapker-Assistant Secretary**

Print or type name and title

**June 15, 2006**

Date

Signature

Print or type name and title

Date

### **Addendum**

The full name of the Partnership is Cellco Partnership; a Delaware general partnership with its headquarters located One Verizon Way, Basking Ridge NJ 07920-1097.

<b>General Partners of Cellco Partnership</b>	<b>Address</b>
Bell Atlantic Cellular Holdings, L.P.	One Verizon Way Basking Ridge, NJ 07920
NYNEX PCS Inc.	One Verizon Way Basking Ridge, NJ 07920
PCSCO Partnership	One Verizon Way Basking Ridge, NJ 07920
GTE Wireless Incorporated	One Verizon Way Basking Ridge, NJ 07920
GTE Wireless of Ohio Incorporated	One Verizon Way Basking Ridge, NJ 07920
PCS Nucleus, L.P.	2999 Oak Road, 7 <sup>th</sup> Floor Walnut Creek, CA 94597
JV PartnerCo, LLC	2999 Oak Road, 7 <sup>th</sup> Floor Walnut Creek, CA 94597

**Commonwealth of Kentucky**  
**Michael G. Adams, Secretary of State**

Michael G. Adams  
Secretary of State  
P. O. Box 718  
Frankfort, KY 40602-0718  
(502) 564-3490  
<http://www.sos.ky.gov>

**Certificate of Authorization**

Authentication number: 297432

Visit <https://web.sos.ky.gov/ftsshow/certvalidate.aspx> to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

**TOWERCO 2013 LLC**

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on June 12, 2013.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 15<sup>th</sup> day of September, 2023, in the 232<sup>nd</sup> year of the Commonwealth.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
297432/0859822

# Delaware

The First State

Page 1

*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "TOWERCO 2013 LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE TWENTY-SEVENTH DAY OF SEPTEMBER, A.D. 2023.*

*AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "TOWERCO 2013 LLC" WAS FORMED ON THE THIRD DAY OF OCTOBER, A.D. 2012.*

*AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.*



A handwritten signature in black ink, appearing to read "JBullock", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

5222115 8300

SR# 20233593958

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 204256340

Date: 09-27-23

**FCC Form 854  
Main Form**

Approved by OMD – 3060-0139  
See instructions for public burden estimate

**Application for Antenna Structure Registration**

**Purpose of Filing**

1) Enter the application purpose: ( <b>NE</b> )	
<b>AM</b> – Amendment of a Pending Application <b>AU</b> – Administrative Update <b>CA</b> – Cancellation of an Antenna Structure Registration <b>DI</b> – Notification of an Antenna Structure Dismantlement <b>MD</b> – Modification of a Antenna Structure Registration	<b>NE</b> – Registration of a New Antenna Structure <b>NT</b> – Required Construction/Alteration Notification <b>OC</b> – Ownership Change <b>RE</b> – Registration of a Replacement Antenna Structure <b>WD</b> – Withdrawal of a Pending Application
2a) If the answer to 1 is AU, CA, DI, MD, NT, OC or RE, provide the FCC Antenna Structure Registration (ASR) Number.	FCC ASR Number:
2b) If the answer to 1 is AM or WD, provide the File Number of the pending application on file.	File Number:
2c) If the answer to 1 is MD or NT, provide the date the Antenna Structure was constructed or the date it was last altered (mm/dd/yyyy).	Date:
2d) If the answer to 1 is DI, provide the date the Antenna Structure was dismantled (mm/dd/yyyy).	Date:

**Antenna Structure Ownership Information**

3) Select one of the entity types:			
( ) Individual	( ) Unincorporated Association	( ) Trust	( ) Government Entity
( ) Corporation	( <b>X</b> ) Limited Liability Company	( ) General Partnership	( ) Limited Partnership
( ) Consortium	( ) Limited Liability Partnership	( ) Other: _____	
4) FCC Registration Number (FRN): <b>0024950685</b>		5) Assignor FCC Registration Number (FRN):	
6) First Name (if individual):	MI:	Last Name:	Suffix:
7) Legal Entity Name (if not an individual): <b>TowerCo V Holdings LLC</b>			
8) Attention To: <b>TowerCo ID: KY0111</b>		9) P.O. Box:	And/Or
10a) Street Address 1: <b>5000 Vallestone Drive, Suite 200</b>		10b) Street Address 2:	
11) City: <b>Cary</b>	12) State: <b>NC</b>	13) Zip Code: <b>27519</b>	
14) Telephone Number (xxx-xxx-xxxx): <b>(919) 653-5700</b>		15) Fax Number: (xxx-xxx-xxxx): <b>(919) 469-5530</b>	
16) E-mail Address: <b>hbyrne@towerco.com</b>			

**Contact Representative Information**

17) First Name (if individual):	MI:	Last Name:	Suffix:
18) Business Name: <b>TowerCo V Holdings LLC</b>			
19) Attention To: <b>Henry Byrne</b>	20) P.O. Box		And/Or
21a) Street Address 1: <b>5000 Valleystone Drive, Suite 200</b>		21b) Street Address 2:	
22) City: <b>Cary</b>	23) State: <b>NC</b>	24) Zip Code: <b>27519</b>	
25) Telephone Number (xxx-xxx-xxxx): <b>(919) 653-5700</b>		26) Fax Number: (xxx-xxx-xxxx): <b>(919) 469-5530</b>	
27) E-mail Address: <b>hbyrne@towerco.com</b>			

**Antenna Structure Information**

28a) Latitude (DD-MM-SS.S): <b>36- 49- 24.4</b>		28b) North or South: <b>North</b>	
29a) Longitude (DDD-MM-SS.S): <b>086- 48- 30.3</b>		29b) East or West: <b>West</b>	
30) Street Address or Geographic Location: <b>162 Church Rd</b>		31) City: <b>Russellville</b>	
32) County: <b>LOGAN</b>	33) State: <b>KENTUCKY</b>	34) Zip Code: <b>42276</b>	
35) Elevation of site above mean sea level (meters):			<b>257.3 meters</b>
36) Overall height above ground level (AGL) of the supporting structure without appurtenances:			<b>79.2 meters</b>
37) Overall height above ground level (AGL) of the antenna structure including all appurtenances:			<b>80.8 meters</b>
38) Overall height above mean sea level (add items 35 and 37 together):			<b>338.1 meters</b>
39a) Enter the type of structure on which the antenna will be mounted: ( <b>LTOWER</b> )			
<p> <b>B</b> – Building  <b>BANT</b> – Building with Antenna on Top  <b>BMAST</b> – Building with Mast  <b>BPIPE</b> – Building with Pipe  <b>BPOLE</b> – Building with Pole  <b>BRIDG</b> – Bridge  <b>BTWR</b> – Building with Tower  <b>GTOWER</b> – Guyed Structure Used For Communication Purposes  <b>LTOWER</b> – Lattice Tower  <b>MAST</b> – Mast  <b>MTOWER</b> – Monopole  <b>NNGTANN</b> – Guyed Tower Array </p> <p> <b>NNLTANN</b> – Lattice Tower Array  <b>NNMTANN</b> – Monopole Array  <b>PIPE</b> – Any type of Pipe  <b>POLE</b> – Any type of Pole  <b>RIG</b> – Oil or Other Type of Rig  <b>SIGN</b> – Any type of Sign or Billboard  <b>SILO</b> – Any type of Silo  <b>STACK</b> – Smoke Stack  <b>TANK</b> – Any type of Tank (water, gas, etc.)  <b>TREE</b> – When used as a support for an antenna  <b>UPOLE</b> – Utility Pole/Tower used to provide service (electric, telephone, etc.) </p>			
39b) Number of Towers in Array:		39c) Position of this Tower in the Array:	
40a) Array Center Latitude (DD-MM-SS.S):		40b) North or South	
41a) Array Center Longitude (DDD-MM-SS.S):		41b) East or West:	

**Proposed Marking and/or Lighting**

42) Enter the proposed marking and/or lighting: ( 7 )  
See Form 854 Item 42 Instructions for detailed tier and lighting information.

- |                |                |                 |
|----------------|----------------|-----------------|
| 1) None        | 4) FAA Style B | 7) FAA Style E  |
| 2) Paint Only  | 5) FAA Style D | 8) FAA Style F  |
| 3) Other _____ | 6) FAA Style C | 9) FAA Style A  |
|                |                | 10) FAA Style G |

**FAA Notification**

43) FAA Study Number:	44) Date Issued:
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**Environmental Compliance**

45) Does the applicant request a waiver of the Commission's rules for environmental notice prior to construction due to an emergency situation?	( <b>No</b> ) Yes or No
46a) If the answer to 45 is No, is another federal agency taking responsibility for environmental review of the Antenna Structure?	( <b>No</b> ) Yes or No
46b) If the answer to 46a is Yes, indicate why:  1) The Antenna Structure is on Federal Land and the landholding agency is taking responsibility for the environmental review of the Antenna Structure.  2) Another federal agency has agreed with the FCC in writing to take responsibility for the environmental review of the Antenna Structure.	( ) 1 or 2
46c) If the answer to 46a is Yes, provide the name of the federal agency taking responsibility for the environmental review of the Antenna Structure.	Name:
47) If the answers to 45 and 46a are No, provide the National Notice Date for the application to be posted on the FCC's website (mm/dd/yyyy).	Date: <b>05/05/2025</b>
48) Is the applicant submitting an environmental assessment?	( <b>No</b> ) Yes or No
49) Does the applicant certify that grant of Authorizations at this location would not have a significant environmental effect pursuant to Section 1.1307 of the FCC's rules?	( ) Yes or No
50) If the answer to 49 is Yes, select the basis for this certification.  1) The construction is exempt from environmental notification (other than due to another agency's review) and it does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules?  2) The construction is exempt from environmental notification due to another agency's review, and the other agency has issued a Finding of No Significant Impact.  3) The environmental notification has been completed, and the FCC has notified the applicant that an Environmental Assessment is not required under Section 1.1307(c) or (d) of the FCC's rules, and the Construction does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules.  4) The FCC has issued a Finding of No Significant Impact.	( ) 1, 2, 3, 4
51) If the answer to 50 is 3 or 4, enter the date that Local Notice was provided (mm/dd/yyyy).	Date:

**Certification Statements**

- 1) The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
- 2) The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. See Section 1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.

**Signature** (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignee)

52) First Name: <b>Henry</b>	MI:	Last Name: <b>Byrne</b>	Suffix:
53) Title: <b>FCC Contact</b>			
54) Signature: <b>Henry Byrne</b>			55) Date: <b>Mar 04, 2025</b>

**Signature** (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignor)

56) First Name:	MI:	Last Name:	Suffix:
57) Title:			
58) Signature:			59) Date:



**REFERENCE COPY**

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> KNKN867	<b>File Number</b> 0009262184
<b>Radio Service</b> CL - Cellular	
<b>Market Numer</b> CMA445	<b>Channel Block</b> B
<b>Sub-Market Designator</b> 0	

**FCC Registration Number (FRN):** 0003290673

<b>Market Name</b> Kentucky 3 - Meade				
<b>Grant Date</b> 09-01-2020	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 10-01-2030	<b>Five Yr Build-Out Date</b>	<b>Print Date</b>

**Site Information:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	36-50-41.0 N	086-51-27.0 W	243.8	82.3	1043225

**Address:** 1.3 KM EAST OF SR-100 & JEFF DAVIS HIGHWAY  
**City:** RUSSELLVILLE   **County:** LOGAN   **State:** KY   **Construction Deadline:**

**Antenna: 1**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
<b>Antenna Height AAT (meters)</b>	133.200	104.800	100.900	107.400	123.200	117.300	105.900	123.700
<b>Transmitting ERP (watts)</b>	153.310	72.160	9.790	0.510	0.420	0.540	11.230	75.590

**Antenna: 2**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
<b>Antenna Height AAT (meters)</b>	133.200	104.800	100.900	107.400	123.200	117.300	105.900	123.700
<b>Transmitting ERP (watts)</b>	0.870	21.280	113.650	147.250	38.070	3.570	0.330	0.410

**Antenna: 3**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	0	45	90	135	180	225	270	315
<b>Antenna Height AAT (meters)</b>	133.200	104.800	100.900	107.400	123.200	117.300	105.900	123.700
<b>Transmitting ERP (watts)</b>	1.480	0.400	0.430	2.930	40.950	143.640	111.910	19.230

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
2	36-58-11.0 N	086-31-15.0 W	205.4	117.3	1043045

Address: Bowling Green Main, 3.4 KM southwest of

City: BOWLING GREEN County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.200	135.100	135.400	118.600	102.700	103.000	111.100	110.800
Transmitting ERP (watts)	186.450	83.280	10.010	0.510	0.420	0.490	10.730	87.210

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	47.300	74.100	74.500	57.600	41.800	42.100	50.200	49.900
Transmitting ERP (watts)	0.270	2.540	54.390	78.620	9.450	0.350	0.270	0.270

**Antenna: 4**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.200	135.100	135.400	118.600	102.700	103.000	111.100	110.800
Transmitting ERP (watts)	1.020	0.240	0.310	2.130	24.000	70.020	56.310	11.460

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	37-08-47.0 N	086-39-02.0 W	189.0	128.0	1043044

Address: 9.7 KM SOUTH SOUTHEAST OF

City: MORGANTOWN County: BUTLER State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.200	118.800	110.000	116.600	100.700	122.200	119.800	131.300
Transmitting ERP (watts)	0.330	0.690	16.910	90.270	116.960	30.240	2.840	0.260

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.200	118.800	110.000	116.600	100.700	122.200	119.800	131.300
Transmitting ERP (watts)	2.100	0.260	0.330	1.050	21.320	101.470	108.950	23.430

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.200	118.800	110.000	116.600	100.700	122.200	119.800	131.300
Transmitting ERP (watts)	90.270	14.390	1.070	0.260	0.340	2.530	33.930	116.960

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	37-47-53.0 N	086-19-51.0 W	257.3	125.0	1043043

Address: WITHIN THE CITY LIMITS OF

City: GARFIELD County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	164.300	145.800	148.800	118.100	136.500	132.100	154.800	164.500
Transmitting ERP (watts)	104.850	46.830	5.630	0.290	0.240	0.280	6.030	49.040

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	164.300	145.800	148.800	118.100	136.500	132.100	154.800	164.500
Transmitting ERP (watts)	0.560	13.820	74.230	95.620	25.740	2.460	0.240	0.270

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	164.300	145.800	148.800	118.100	136.500	132.100	154.800	164.500
Transmitting ERP (watts)	0.930	0.240	0.280	2.040	27.580	95.620	74.230	12.320

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	36-46-32.1 N	086-33-56.0 W	206.3	91.1	1043041

Address: 2.4 KM NORTH OF

City: FRANKLIN County: SIMPSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.700	81.100	68.500	56.000	56.400	56.600	64.300	64.200
Transmitting ERP (watts)	144.730	63.540	7.340	0.360	0.300	0.380	8.420	66.540

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.700	81.100	68.500	56.000	56.400	56.600	64.300	64.200
Transmitting ERP (watts)	0.710	17.400	93.440	120.380	32.400	3.090	0.300	0.340

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.700	81.100	68.500	56.000	56.400	56.600	64.300	64.200
Transmitting ERP (watts)	1.280	0.300	0.390	2.690	30.220	88.150	70.900	14.430

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	37-03-33.7 N	087-01-50.4 W	200.0	77.7	1266950

Address: Lake Malone, 1038 Heltsley Road

City: Lewisburg County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	120.200	116.000	119.100	120.900	103.100	89.400	78.300	104.000
Transmitting ERP (watts)	102.840	191.490	71.150	7.980	0.430	0.450	0.570	14.860

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	120.200	116.000	119.100	120.900	103.100	89.400	78.300	104.000
Transmitting ERP (watts)	0.570	14.860	102.840	191.490	71.150	7.980	0.430	0.450

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	120.200	116.000	119.100	120.900	103.100	89.400	78.300	104.000
Transmitting ERP (watts)	3.330	0.430	0.500	1.560	31.780	148.650	162.990	36.490

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	36-47-11.0 N	086-08-35.3 W	253.3	91.1	1043039

Address: 4.8 KM NORTHEAST OF

City: SCOTTSVILLE County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	151.400	124.900	113.700	118.200	77.200	108.300	128.800	139.000
Transmitting ERP (watts)	117.640	52.550	6.320	0.320	0.260	0.310	6.770	55.020

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	151.400	124.900	113.700	118.200	77.200	108.300	128.800	139.000
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	151.400	124.900	113.700	118.200	77.200	108.300	128.800	139.000
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	37-53-45.0 N	086-49-51.0 W	164.5	65.6	1043711

Address: OLD LEWISPORT OWENSBORO RD, 7.6 KM WEST OF

City: HAWESVILLE County: HANCOCK State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.600	79.800	95.100	59.500	72.200	82.700	89.400	93.100
Transmitting ERP (watts)	7.600	61.740	131.990	58.960	7.090	0.360	0.300	0.350

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.600	79.800	95.100	59.500	72.200	82.700	89.400	93.100
Transmitting ERP (watts)	0.300	0.340	0.710	17.400	93.440	120.380	32.400	3.090

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.600	79.800	95.100	59.500	72.200	82.700	89.400	93.100
Transmitting ERP (watts)	93.440	15.510	1.180	0.300	0.350	2.570	34.720	120.380

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.600	79.800	95.100	59.500	72.200	82.700	89.400	93.100
Transmitting ERP (watts)	93.440	15.510	1.180	0.300	0.350	2.570	34.720	120.380

Antenna: 3

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	37-16-52.0 N	087-06-06.0 W	150.0	128.0	1043038

Address: 0.4 MI. EAST OF INTERCHANGE OF 58 & W. KY PKWY; IMMED. ESE OF

City: CENTRAL CITY County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.500	101.500	105.400	104.300	100.200	87.900	94.300	112.900
Transmitting ERP (watts)	50.380	128.750	66.660	8.640	0.500	0.260	0.330	5.430

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.500	101.500	105.400	104.300	100.200	87.900	94.300	112.900
Transmitting ERP (watts)	0.300	0.480	13.100	80.300	122.700	38.140	3.840	0.260

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.500	101.500	105.400	104.300	100.200	87.900	94.300	112.900
Transmitting ERP (watts)	18.570	1.520	0.260	0.340	1.630	26.900	108.950	99.160

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	126.500	101.500	105.400	104.300	100.200	87.900	94.300	112.900
Transmitting ERP (watts)	18.570	1.520	0.260	0.340	1.630	26.900	108.950	99.160

Antenna: 3

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	37-27-33.0 N	086-17-41.0 W	220.7	128.0	1043037

Address: 0.8 KM SSE OF INT OF W KY PKWY & SR-259

City: LEITCHFIELD County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.500	139.400	136.800	139.500	172.500	127.300	136.600	156.800
Transmitting ERP (watts)	92.370	12.750	0.300	0.450	0.200	0.420	3.510	48.480

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.500	139.400	136.800	139.500	172.500	127.300	136.600	156.800
Transmitting ERP (watts)	3.700	26.630	74.790	73.070	22.660	3.610	0.490	0.490

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.500	139.400	136.800	139.500	172.500	127.300	136.600	156.800
Transmitting ERP (watts)	2.080	0.820	0.770	7.520	42.060	84.790	55.750	12.610

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	37-59-17.0 N	086-08-53.0 W	202.4	61.0	1043036

Address: 1.6 km ESE of

City: BRANDENBURG County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.800	58.900	109.700	63.200	40.600	55.600	61.600	100.400
Transmitting ERP (watts)	0.480	12.480	87.870	162.090	56.190	6.380	0.330	0.360

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.800	58.900	109.700	63.200	40.600	55.600	61.600	100.400
Transmitting ERP (watts)	5.570	0.500	0.330	0.330	4.740	24.940	42.710	26.730

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	37-24-41.0 N	086-32-12.0 W	233.5	128.0	1043035

Address: 3.2 KM WEST SOUTHWEST OF

City: CANEYVILLE County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.900	135.600	147.900	125.100	152.900	161.200	146.000	164.600
Transmitting ERP (watts)	202.510	94.240	14.690	1.160	1.000	8.520	44.320	169.340

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	37-24-41.0 N	086-32-12.0 W	233.5	128.0	1043035

Address: 3.2 KM WEST SOUTHWEST OF

City: CANEYVILLE County: GRAYSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.900	135.600	147.900	125.100	152.900	161.200	146.000	164.600
Transmitting ERP (watts)	20.040	101.220	204.390	162.460	34.720	3.620	0.410	2.990

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	136.900	135.600	147.900	125.100	152.900	161.200	146.000	164.600
Transmitting ERP (watts)	4.910	0.410	2.960	14.520	88.120	204.810	176.590	43.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	36-55-48.0 N	086-56-27.0 W	207.9	60.7	

Address: 6.4 KM SOUTH OF

City: LEWISBURG County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.400	93.400	82.400	74.500	68.800	70.800	79.200	98.300
Transmitting ERP (watts)	113.650	147.250	38.070	3.570	0.330	0.410	0.870	21.280

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.400	93.400	82.400	74.500	68.800	70.800	79.200	98.300
Transmitting ERP (watts)	0.430	3.180	42.710	147.250	113.650	18.120	1.350	0.330

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	116.400	93.400	82.400	74.500	68.800	70.800	79.200	98.300
Transmitting ERP (watts)	8.230	0.410	0.330	0.420	9.450	74.650	162.390	71.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	36-59-27.0 N	086-26-29.0 W	160.9	79.3	1201033

Address: 537 10th Street at Chestnut Street

City: BOWLING GREEN County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	60.100	54.500	67.300	54.300	51.400	51.700	45.400	61.600
Transmitting ERP (watts)	162.390	71.290	8.230	0.410	0.330	0.420	9.450	74.650

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	36-59-27.0 N	086-26-29.0 W	160.9	79.3	1201033

Address: 537 10th Street at Chestnut Street

City: BOWLING GREEN County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	60.100	54.500	67.300	54.300	51.400	51.700	45.400	61.600
Transmitting ERP (watts)	0.310	2.780	58.870	89.730	12.030	0.400	0.310	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	60.100	54.500	67.300	54.300	51.400	51.700	45.400	61.600
Transmitting ERP (watts)	0.310	0.310	0.310	0.460	21.160	106.060	35.940	1.760

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	36-50-40.2 N	087-12-42.0 W	256.6	60.7	

Address: 5.8 KM NW OF

City: ELKTON County: TODD State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.100	95.500	91.800	117.800	119.100	128.800	118.300	103.200
Transmitting ERP (watts)	112.350	104.850	19.980	1.660	0.300	0.350	1.660	27.580

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.100	95.500	91.800	117.800	119.100	128.800	118.300	103.200
Transmitting ERP (watts)	0.940	15.530	144.900	372.460	200.020	26.370	1.550	0.840

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.100	95.500	91.800	117.800	119.100	128.800	118.300	103.200
Transmitting ERP (watts)	4.170	0.300	0.320	0.500	13.510	83.280	126.050	39.860

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-32-55.4 N	087-16-05.4 W	140.2	93.0	1244911

Address: 235 WEST KY 136

City: CALHOUN County: MCLEAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.300	91.000	88.000	100.800	95.300	104.000	105.400	89.700
Transmitting ERP (watts)	30.940	106.670	82.330	13.120	0.980	0.240	0.310	2.310



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-32-55.4 N	087-16-05.4 W	140.2	93.0	1244911

Address: 235 WEST KY 136

City: CALHOUN County: MCLEAN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.300	91.000	88.000	100.800	95.300	104.000	105.400	89.700
Transmitting ERP (watts)	0.240	0.310	6.850	54.080	117.640	51.650	5.960	0.290

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.300	91.000	88.000	100.800	95.300	104.000	105.400	89.700
Transmitting ERP (watts)	27.580	2.590	0.240	0.300	0.630	15.420	82.330	106.670

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	37-38-33.2 N	086-42-46.0 W	210.3	60.7	

Address: 6 KM EAST OF

City: FORDSVILLE County: OHIO State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.000	65.700	96.800	89.400	105.200	118.300	113.200	109.900
Transmitting ERP (watts)	144.730	63.540	7.340	0.360	0.300	0.380	8.420	66.540

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.000	65.700	96.800	89.400	105.200	118.300	113.200	109.900
Transmitting ERP (watts)	0.780	18.970	101.290	131.240	33.930	3.180	0.300	0.370

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.000	65.700	96.800	89.400	105.200	118.300	113.200	109.900
Transmitting ERP (watts)	1.200	0.300	0.390	2.840	38.070	131.240	101.290	16.150

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	38-00-08.4 N	086-19-20.3 W	237.4	103.9	1049227

Address: 1.2 km Northwest of

City: PAYNEVILLE County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	115.700	125.400	135.500	103.300	111.300	123.300	141.900	137.900
Transmitting ERP (watts)	172.880	116.290	19.640	1.990	0.530	4.460	28.140	120.910

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	38-00-08.4 N	086-19-20.3 W	237.4	103.9	1049227

Address: 1.2 km Northwest of

City: PAYNEVILLE County: MEADE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	115.700	125.400	135.500	103.300	111.300	123.300	141.900	137.900
Transmitting ERP (watts)	8.740	48.710	165.560	182.540	70.320	9.950	0.770	1.160

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	115.700	125.400	135.500	103.300	111.300	123.300	141.900	137.900
Transmitting ERP (watts)	4.430	0.370	2.670	13.090	79.440	184.650	159.200	39.500

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
20	37-11-25.0 N	087-11-51.0 W	182.9	66.4	1065886

Address: 701 BASS LANE

City: GREENVILLE County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.800	96.500	95.100	84.500	77.800	98.000	117.300	91.200
Transmitting ERP (watts)	155.980	120.380	19.190	1.430	0.350	0.460	3.370	45.240

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.800	96.500	95.100	84.500	77.800	98.000	117.300	91.200
Transmitting ERP (watts)	0.510	13.220	93.080	171.700	62.700	6.760	0.350	0.380

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.800	96.500	95.100	84.500	77.800	98.000	117.300	91.200
Transmitting ERP (watts)	2.800	0.350	0.450	1.400	28.440	135.320	145.300	31.240

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	37-11-39.2 N	086-15-53.9 W	213.4	52.0	

Address: WATER TOWER ROAD

City: BROWNSVILLE County: EDMONSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.000	44.100	63.000	60.300	76.600	76.200	93.300	97.400
Transmitting ERP (watts)	331.960	148.280	17.830	0.910	0.740	0.870	19.100	155.270

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	37-11-39.2 N	086-15-53.9 W	213.4	52.0	

Address: WATER TOWER ROAD

City: BROWNSVILLE County: EDMONSON State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.000	44.100	63.000	60.300	76.600	76.200	93.300	97.400
Transmitting ERP (watts)	1.780	43.760	235.010	302.750	81.490	7.780	0.740	0.850

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.000	44.100	63.000	60.300	76.600	76.200	93.300	97.400
Transmitting ERP (watts)	2.960	0.740	0.870	6.470	87.310	302.750	235.010	39.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	36-40-28.0 N	086-51-30.0 W	192.9	38.1	

Address: WITHIN THE TOWN OF

City: ADAIRVILLE County: LOGAN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	35.900	37.000	29.900	34.100	29.900	40.700	57.000	48.700
Transmitting ERP (watts)	148.100	65.400	7.600	0.390	0.300	0.430	8.720	70.070

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	35.900	37.000	29.900	34.100	29.900	40.700	57.000	48.700
Transmitting ERP (watts)	1.830	30.180	122.250	111.260	20.840	1.700	0.300	0.380

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	35.900	37.000	29.900	34.100	29.900	40.700	57.000	48.700
Transmitting ERP (watts)	2.360	0.300	0.370	1.180	23.930	113.860	122.250	26.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	37-13-17.0 N	086-42-02.0 W	190.8	57.9	

Address: Morgantown Downtown, Approx 1.5 KM ( 1.0 MI) ENE OF

City: MORGANTOWN County: BUTLER State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.300	72.100	81.900	88.300	85.600	94.300	111.800	102.700
Transmitting ERP (watts)	42.710	147.250	113.650	18.120	1.350	0.330	0.430	3.180

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	37-13-17.0 N	086-42-02.0 W	190.8	57.9	

Address: Morgantown Downtown, Approx 1.5 KM ( 1.0 MI) ENE OF

City: MORGANTOWN County: BUTLER State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.300	72.100	81.900	88.300	85.600	94.300	111.800	102.700
Transmitting ERP (watts)	0.330	0.420	9.450	74.650	162.390	71.290	8.230	0.410

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	102.300	72.100	81.900	88.300	85.600	94.300	111.800	102.700
Transmitting ERP (watts)	38.070	3.570	0.330	0.410	0.870	21.280	113.650	147.250

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
24	37-38-30.2 N	086-28-14.9 W	202.7	50.2	

Address: Rough River, 9.5KM (6.0 MI) SW OF

City: KINGSWOOD County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	43.600	58.600	57.500	57.700	60.100	89.000	70.700	65.400
Transmitting ERP (watts)	264.330	116.050	13.400	0.660	0.540	0.690	15.390	121.520

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	43.600	58.600	57.500	57.700	60.100	89.000	70.700	65.400
Transmitting ERP (watts)	1.420	34.650	184.990	239.690	61.970	5.820	0.540	0.670

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	43.600	58.600	57.500	57.700	60.100	89.000	70.700	65.400
Transmitting ERP (watts)	2.200	0.540	0.700	5.180	69.530	239.690	184.990	29.490

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
25	36-51-02.0 N	086-42-26.0 W	198.1	59.4	

Address: JCT. SR-103 & SR-603, APPROX. 3.2 KM SW OF

City: AUBURN County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	65.800	54.700	38.200	54.400	60.300	51.100	56.100
Transmitting ERP (watts)	124.760	162.210	90.940	14.810	1.300	0.640	5.680	30.740

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
25	36-51-02.0 N	086-42-26.0 W	198.1	59.4	

Address: JCT. SR-103 & SR-603, APPROX. 3.2 KM SW OF

City: AUBURN County: LOGAN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	65.800	54.700	38.200	54.400	60.300	51.100	56.100
Transmitting ERP (watts)	1.480	8.260	53.490	159.390	161.650	53.380	6.730	0.530

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	65.800	54.700	38.200	54.400	30.300	51.100	56.100
Transmitting ERP (watts)	41.260	4.310	0.490	3.550	23.820	120.300	242.920	193.090

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
26	37-23-00.0 N	086-52-28.0 W	163.4	125.3	1043042

Address: 1.6 KM SSE

City: BEAVER DAM County: OHIO State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.600	102.300	92.500	117.700	113.600	112.400	112.300	132.200
Transmitting ERP (watts)	3.020	33.930	100.130	64.650	9.650	0.650	0.240	0.270

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.600	102.300	92.500	117.700	113.600	112.400	112.300	132.200
Transmitting ERP (watts)	0.240	0.250	0.310	8.140	56.310	104.850	38.950	4.370

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	127.600	102.300	92.500	117.700	113.600	112.400	112.300	132.200
Transmitting ERP (watts)	100.130	31.660	3.320	0.240	0.260	0.400	10.730	66.150

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
27	37-02-39.4 N	086-10-59.9 W	212.8	106.4	1213318

Address: 470 Hayes Road

City: Smiths Grove County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

	0	45	90	135	180	225	270	315
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	101.300	97.700	91.800	90.100	117.500	131.500	124.400	116.400
Transmitting ERP (watts)	96.880	58.040	4.690	0.270	0.190	0.360	4.280	56.720

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
27	37-02-39.4 N	086-10-59.9 W	212.8	106.4	1213318

Address: 470 Hayes Road

City: Smiths Grove County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	101.600	97.700	91.800	90.100	117.500	131.500	124.400	116.400
Transmitting ERP (watts)	0.970	16.520	117.640	131.230	43.210	2.250	0.300	0.270

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	101.600	97.700	91.800	90.100	117.500	131.500	124.400	116.400
Transmitting ERP (watts)	0.570	0.190	0.210	1.560	29.210	92.910	81.390	12.800

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
28	36-44-52.5 N	086-11-51.7 W	219.4	77.7	1219613

Address: Downtown

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.000	66.900	61.300	43.400	61.400	63.100	73.600	85.500
Transmitting ERP (watts)	148.300	99.760	16.850	1.700	0.460	3.820	24.140	103.720

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.000	66.900	61.300	43.400	61.400	63.100	73.600	85.500
Transmitting ERP (watts)	7.500	41.790	142.020	156.580	60.320	8.540	0.660	0.990

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	85.000	66.900	61.300	43.400	61.400	63.100	73.600	85.500
Transmitting ERP (watts)	3.800	0.320	2.290	11.230	68.150	158.400	136.570	33.890

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
29	37-52-14.6 N	086-16-43.1 W	243.8	39.6	

Address: Irvington WT, 1.0 km ESE of

City: Irvington County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.800	71.900	56.800	59.600	69.700	80.000	110.200	67.900
Transmitting ERP (watts)	47.930	165.220	127.520	20.330	1.520	0.370	0.480	3.570

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
29	37-52-14.6 N	086-16-43.1 W	243.8	39.6	

Address: Irvington WT, 1.0 km ESE of

City: Irvington County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.800	71.900	56.800	59.600	69.700	80.000	110.200	67.900
Transmitting ERP (watts)	0.370	0.480	10.610	83.760	182.210	79.990	9.240	0.460

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	72.800	71.900	56.800	59.600	69.700	80.000	110.200	67.900
Transmitting ERP (watts)	42.710	4.010	0.370	0.460	0.980	23.880	127.520	165.220

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
30	37-56-31.2 N	086-03-37.8 W	193.5	77.7	1221515

Address: 0.8 km North Northwest of

City: Licksillet County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.900	127.200	65.800	54.400	36.100	30.500	59.300	102.600
Transmitting ERP (watts)	61.740	82.330	23.470	2.370	0.260	0.260	0.510	11.360

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.900	127.200	65.800	54.400	36.100	30.500	59.300	102.600
Transmitting ERP (watts)	0.380	3.220	20.310	87.270	124.780	83.940	14.180	1.430

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.900	127.200	65.800	54.400	36.100	30.500	59.300	102.600
Transmitting ERP (watts)	14.180	1.430	0.380	3.220	20.310	87.270	124.780	83.940

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
31	36-57-06.0 N	086-26-12.0 W	166.1	16.8	

Address: Downtown

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	124.780	83.940	14.180	1.430	0.380	3.220	20.310	87.270

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
31	36-57-06.0 N	086-26-12.0 W	166.1	16.8	

Address: Downtown

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	6.310	35.160	119.490	131.750	50.750	7.180	0.550	0.830

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	29.900	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	3.200	0.270	1.930	9.450	57.340	133.270	114.910	28.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
32	37-59-31.1 N	086-11-44.3 W	187.7	77.7	1232593

Address: 1.6 km West of

City: Brandenburg County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.400	56.600	82.400	34.400	36.100	41.000	40.100	67.700
Transmitting ERP (watts)	9.710	60.570	96.350	32.270	3.500	0.300	0.300	0.420

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.400	56.600	82.400	34.400	36.100	41.000	40.100	67.700
Transmitting ERP (watts)	0.300	0.380	8.420	66.540	144.730	63.540	7.340	0.360

**Antenna: 4**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.400	56.600	82.400	34.400	36.100	41.000	40.100	67.700
Transmitting ERP (watts)	28.390	3.310	0.300	0.380	0.830	17.510	70.860	87.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
33	37-56-46.1 N	085-59-38.4 W	222.8	57.3	1200354

Address: 115 Timber Ct.

City: Muldraugh County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.500	85.900	93.700	56.800	54.600	40.300	67.400	81.700
Transmitting ERP (watts)	57.050	54.960	17.180	1.960	0.330	0.430	1.840	21.320



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
33	37-56-46.1 N	085-59-38.4 W	222.8	57.3	1200354

Address: 115 Timber Ct.

City: Muldraugh County: MEADE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.500	85.900	93.700	56.800	54.600	40.300	67.400	81.700
Transmitting ERP (watts)	0.380	0.800	19.520	104.850	135.070	36.350	3.470	0.330

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.500	85.900	93.700	56.800	54.600	40.300	67.400	81.700
Transmitting ERP (watts)	2.570	0.330	0.390	1.200	24.580	114.960	156.050	28.220

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
34	37-46-03.7 N	086-26-10.4 W	219.5	45.7	

Address: Hardinsburg Water Tank, 3.0 km SE of

City: Hardinsburg County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	77.900	54.500	36.600	52.000	74.200	60.600	78.300	83.900
Transmitting ERP (watts)	182.210	79.990	9.240	0.460	0.370	0.480	10.610	83.760

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	77.900	54.500	36.600	52.000	74.200	60.600	78.300	83.900
Transmitting ERP (watts)	0.980	23.880	127.520	165.220	42.710	4.010	0.370	0.460

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	77.900	54.500	36.600	52.000	74.200	60.600	78.300	83.900
Transmitting ERP (watts)	1.520	0.370	0.480	3.570	47.930	165.220	127.520	20.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
35	36-42-08.6 N	086-33-19.0 W	217.0	114.3	1200032

Address: Franklin South, Turners Ford Road

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	67.800	58.900	47.700	34.900	56.000	62.700	57.000
Transmitting ERP (watts)	8.520	69.270	148.100	66.150	7.950	0.410	0.330	0.390

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
35	36-42-08.6 N	086-33-19.0 W	217.0	114.3	1200032

Address: Franklin South, Turners Ford Road

City: Franklin County: SIMPSON State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	67.800	58.900	47.700	34.900	56.000	62.700	57.000
Transmitting ERP (watts)	0.620	0.330	0.370	6.170	57.620	148.100	79.530	10.480

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	67.800	58.900	47.700	34.900	56.000	62.700	57.000
Transmitting ERP (watts)	126.050	28.220	2.570	0.330	0.390	1.200	24.580	114.960

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
36	36-44-58.7 N	087-01-10.9 W	179.8	37.5	

Address: Russellville Southwest, 0.8 km SW of

City: Olmstead County: LOGAN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	31.500	45.900	38.200	39.100	29.900	29.900
Transmitting ERP (watts)	124.780	83.940	14.180	1.430	0.380	3.220	20.310	87.270

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	31.500	45.900	38.200	39.100	29.900	29.900
Transmitting ERP (watts)	6.310	35.160	119.490	131.750	50.750	7.180	0.550	0.830

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	31.500	45.900	38.200	39.100	29.900	29.900
Transmitting ERP (watts)	3.200	0.270	1.930	9.450	57.340	133.270	114.910	28.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	36-49-37.9 N	086-18-51.3 W	192.0	77.7	1232590

Address: Allen Northwest cell, 13.7 km Northwest of

City: Scottsville County: ALLEN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	102.800	60.100	49.200	58.900	71.000	89.900	100.000
Transmitting ERP (watts)	0.540	4.010	53.770	185.380	143.070	22.810	1.700	0.420

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	36-49-37.9 N	086-18-51.3 W	192.0	77.7	1232590

Address: Allen Northwest cell, 13.7 km Northwest of

City: Scottsville County: ALLEN State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	102.800	60.100	49.200	58.900	71.000	89.900	100.000
Transmitting ERP (watts)	0.400	0.290	0.290	0.290	5.380	93.450	104.850	10.250

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	102.800	60.100	49.200	58.900	71.000	89.900	100.000
Transmitting ERP (watts)	211.380	60.790	7.140	0.540	2.800	11.880	85.700	226.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
38	36-55-15.1 N	086-25-38.5 W	171.0	62.5	1210120

Address: 1140 Three Springs Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	67.900	45.500	40.600	40.900	36.000	40.900	56.100
Transmitting ERP (watts)	41.740	24.340	4.420	0.400	0.330	0.330	3.510	21.690

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	67.900	45.500	40.600	40.900	36.000	40.900	56.100
Transmitting ERP (watts)	0.870	21.280	113.650	147.250	38.070	3.570	0.330	0.410

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	67.900	45.500	40.600	40.900	36.000	40.900	56.100
Transmitting ERP (watts)	1.130	0.260	0.370	2.600	30.680	93.270	73.680	13.650

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	36-49-54.5 N	086-29-39.3 W	192.6	66.1	1202759

Address: Warren South, 3184 Woodburn-Allen Springs Road

City: Woodburn County: WARREN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.500	58.500	57.100	39.300	32.800	33.900	35.000	49.400
Transmitting ERP (watts)	157.120	103.520	17.130	1.570	0.350	3.440	23.000	104.220

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	36-49-54.5 N	086-29-39.3 W	192.6	66.1	1202759

Address: Warren South, 3184 Woodburn-Allen Springs Road

City: Woodburn County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.500	58.500	57.100	39.300	32.800	33.900	35.000	49.400
Transmitting ERP (watts)	6.890	41.510	144.360	164.760	61.880	8.540	0.570	0.780

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	58.500	58.500	57.100	39.300	32.800	33.900	35.000	49.400
Transmitting ERP (watts)	0.610	0.310	0.310	0.310	2.120	58.290	121.780	19.300

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
40	37-03-19.5 N	086-35-24.6 W	184.4	67.1	1219414

Address: Warren Northwest cell, Old Morgantown Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	71.100	64.500	67.200	57.900	67.700	67.900	70.300
Transmitting ERP (watts)	0.430	11.130	78.320	144.460	52.750	5.690	0.300	0.320

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	71.100	64.500	67.200	57.900	67.700	67.900	70.300
Transmitting ERP (watts)	0.560	0.300	0.370	6.090	56.530	144.460	74.790	9.690

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	71.100	64.500	67.200	57.900	67.700	67.900	70.300
Transmitting ERP (watts)	101.290	16.150	1.200	0.300	0.390	2.840	38.070	131.240

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	37-08-05.9 N	087-01-05.2 W	187.8	77.7	1278320

Address: Muhlenberg South, 21 Myers Chapel Road

City: Belton County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	110.500	126.100	111.400	114.500	86.400	73.900	100.200	112.200
Transmitting ERP (watts)	124.780	83.940	14.180	1.430	0.380	3.220	20.310	87.270

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	37-08-05.9 N	087-01-05.2 W	187.8	77.7	1278320

Address: Muhlenberg South, 21 Myers Chapel Road

City: Belton County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	110.500	126.100	111.400	114.500	86.400	73.900	100.200	112.200
Transmitting ERP (watts)	6.310	35.160	119.490	131.750	50.750	7.180	0.550	0.830

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	110.500	126.100	111.400	114.500	86.400	73.900	100.200	112.200
Transmitting ERP (watts)	3.200	0.270	1.930	9.450	57.340	133.270	114.910	28.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
42	37-00-06.1 N	086-19-52.5 W	161.2	77.4	1207196

Address: Bowling Green Corvette site, 1188 Red Pond Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.300	48.300	47.300	66.500	54.700	68.100	79.200	59.700
Transmitting ERP (watts)	149.820	65.780	7.600	0.370	0.310	0.390	8.720	68.880

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.300	48.300	47.300	66.500	54.700	68.100	79.200	59.700
Transmitting ERP (watts)	0.850	18.620	85.580	108.340	31.760	3.380	0.310	0.410

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.300	48.300	47.300	66.500	54.700	68.100	79.200	59.700
Transmitting ERP (watts)	1.320	0.310	0.430	3.020	35.640	108.340	85.580	15.850

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
43	37-50-10.4 N	086-35-44.7 W	225.6	77.7	1242951

Address: Breckinridge West, 1.6 km ENE of

City: Cloverport County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	138.300	128.300	120.400	132.900	123.200	133.200	139.400	156.600
Transmitting ERP (watts)	63.170	117.640	43.710	4.900	0.260	0.280	0.350	9.130

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
43	37-50-10.4 N	086-35-44.7 W	225.6	77.7	1242951

Address: Breckinridge West, 1.6 km ENE of

City: Cloverport County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	138.300	128.300	120.400	132.900	123.200	133.200	139.400	156.600
Transmitting ERP (watts)	0.310	2.290	30.940	107.290	83.280	13.820	1.050	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	138.300	128.300	120.400	132.900	123.200	133.200	139.400	156.600
Transmitting ERP (watts)	4.400	0.370	0.370	0.530	12.230	76.250	121.300	40.630

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
44	37-51-15.4 N	086-06-03.2 W	303.9	67.4	1042711

Address: Garrett, State Road 44 (092010 / Fort Knox)

City: FORT KNOX County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.600	154.600	149.600	132.900	121.400	131.200	143.100	146.300
Transmitting ERP (watts)	79.530	54.370	13.580	1.630	0.410	3.580	18.240	54.730

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.600	154.600	149.600	132.900	121.400	131.200	143.100	146.300
Transmitting ERP (watts)	5.460	32.920	114.480	130.660	49.070	6.770	0.450	0.620

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.600	154.600	149.600	132.900	121.400	131.200	143.100	146.300
Transmitting ERP (watts)	2.950	0.270	1.500	8.200	53.810	130.660	112.910	27.380

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
45	37-52-54.4 N	086-12-42.9 W	274.3	29.0	

Address: Meade South, 1.4 km southeast of

City: Guston County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	109.800	103.800	82.400	63.100	79.200	105.900	114.800	76.100
Transmitting ERP (watts)	4.970	37.720	85.280	49.710	8.130	0.540	0.260	0.330

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
45	37-52-54.4 N	086-12-42.9 W	274.3	29.0	

Address: Meade South, 1.4 km southeast of

City: Guston County: MEADE State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	109.800	103.800	82.400	63.100	79.200	105.900	114.800	76.100
Transmitting ERP (watts)	1.870	0.260	0.280	0.860	17.310	81.910	91.780	21.270

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	109.800	103.800	82.400	63.100	79.200	105.900	114.800	76.100
Transmitting ERP (watts)	67.960	31.280	4.680	0.260	0.300	0.380	7.690	41.430

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
46	36-54-15.9 N	086-36-29.1 W	202.7	83.8	1200363

Address: Warren-Logan cell, 11372 Russellville Road

City: Rockfield County: WARREN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.100	84.600	84.000	77.200	66.700	61.500	67.700	81.100
Transmitting ERP (watts)	19.380	98.240	108.110	44.550	2.720	0.270	0.230	1.010

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.100	84.600	84.000	77.200	66.700	61.500	67.700	81.100
Transmitting ERP (watts)	0.270	0.270	5.300	90.270	100.820	9.580	0.400	0.270

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.100	84.600	84.000	77.200	66.700	61.500	67.700	81.100
Transmitting ERP (watts)	0.880	0.230	0.310	2.530	42.550	110.630	96.000	20.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
47	37-24-19.0 N	086-42-17.0 W	199.9	94.5	1213965

Address: Ohio West, 3893 State Route 505 South

City: Horse Branch County: OHIO State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	112.900	104.700	91.700	117.300	127.400	134.600	135.400	100.900
Transmitting ERP (watts)	117.640	63.170	8.330	0.490	0.260	0.300	4.900	45.770

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
47	37-24-19.0 N	086-42-17.0 W	199.9	94.5	1213965

Address: Ohio West, 3893 State Route 505 South

City: Horse Branch County: OHIO State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	112.900	104.700	91.700	117.300	127.400	134.600	135.400	100.900
Transmitting ERP (watts)	1.260	33.960	209.410	316.960	100.230	10.500	0.740	0.810

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	112.900	104.700	91.700	117.300	127.400	134.600	135.400	100.900
Transmitting ERP (watts)	1.480	0.260	0.310	1.480	24.580	100.120	93.440	17.800

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
48	36-57-24.8 N	086-28-42.2 W	167.0	84.1	1056469

Address: 3090 Fitzgerald Industrial Drive

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	71.400	63.700	65.900	62.600	44.100	41.900	36.500	59.500
Transmitting ERP (watts)	61.180	69.730	7.330	0.310	0.310	0.310	0.310	3.930

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	71.400	63.700	65.900	62.600	44.100	41.900	36.500	59.500
Transmitting ERP (watts)	0.310	2.460	45.980	65.510	8.220	0.390	0.310	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	71.400	63.700	65.900	62.600	44.100	41.900	36.500	59.500
Transmitting ERP (watts)	1.080	0.260	0.280	1.840	17.800	47.490	39.840	10.320

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	36-49-53.1 N	086-54-51.9 W	253.9	78.6	1043422

Address: RUSSELLVILLE WEST, 0.64 KM NORTH OF HWY 79, 0.16 KM WEST OF HWY 68

BYPASS

City: LEWISBURG County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	100.000	79.700	100.100	113.000	110.200	90.700	106.900
Transmitting ERP (watts)	151.070	101.210	20.030	2.250	0.630	5.060	28.690	105.230



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
49	36-49-53.1 N	086-54-51.9 W	253.9	78.6	1043422

Address: RUSSELLVILLE WEST, 0.64 KM NORTH OF HWY 79, 0.16 KM WEST OF HWY 68

BYPASS

City: LEWISBURG County: LOGAN State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	100.000	79.700	100.100	113.000	110.200	90.700	106.900
Transmitting ERP (watts)	9.170	55.270	192.200	219.360	82.390	11.370	0.760	1.030

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	100.000	79.700	100.100	113.000	110.200	90.700	106.900
Transmitting ERP (watts)	4.520	0.380	2.720	13.340	81.000	188.260	162.320	40.280

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
50	37-05-38.9 N	086-25-49.5 W	217.6	103.6	1232131

Address: Richardsville, 604 Scroggins Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.300	97.200	74.500	103.300	110.500	127.000	127.000	111.000
Transmitting ERP (watts)	144.730	63.540	7.340	0.360	0.300	0.380	8.420	66.540

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.300	97.200	74.500	103.300	110.500	100.500	127.000	111.000
Transmitting ERP (watts)	0.780	18.970	101.290	131.240	33.930	3.180	0.300	0.370

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.300	97.200	74.500	103.300	110.500	100.500	127.000	111.000
Transmitting ERP (watts)	1.200	0.300	0.390	2.840	38.070	131.240	101.290	16.150

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	37-31-30.4 N	086-55-04.2 W	195.7	97.8	1214609

Address: Beda, 729 Sherwood Drive

City: Hartford County: OHIO State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.800	100.300	110.100	108.400	122.200	117.000	103.100	107.200
Transmitting ERP (watts)	38.070	131.240	101.290	16.150	1.200	0.300	0.390	2.840

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
51	37-31-30.4 N	086-55-04.2 W	195.7	97.8	1214609

Address: Beda, 729 Sherwood Drive

City: Hartford County: OHIO State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.800	100.300	110.100	108.400	122.200	117.000	103.100	107.200
Transmitting ERP (watts)	0.340	0.540	14.700	90.110	137.670	42.790	4.300	0.300

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.800	100.300	110.100	108.400	122.200	117.000	103.100	107.200
Transmitting ERP (watts)	52.750	5.690	0.300	0.320	0.430	11.130	78.320	144.460

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
52	37-29-36.0 N	086-11-16.5 W	221.9	83.8	1217206

Address: Braton Road

City: Clarkson County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.100	57.600	68.100	71.000	82.900	101.700	77.300	93.100
Transmitting ERP (watts)	23.930	113.860	122.250	26.290	2.360	0.300	0.370	1.180

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.100	57.600	68.100	71.000	82.900	101.700	77.300	93.100
Transmitting ERP (watts)	2.360	0.300	0.370	1.180	23.930	113.860	122.250	26.290

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.100	57.600	68.100	71.000	82.900	101.700	77.300	93.100
Transmitting ERP (watts)	103.640	9.240	0.340	0.270	0.270	0.270	5.700	92.370

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
53	37-31-11.9 N	087-09-13.7 W	141.7	95.4	1018270

Address: 550 SCHNEIDER TANNER ROAD

City: LIVERMORE County: MCLEAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.400	69.100	70.300	81.600	92.100	93.900	102.600	85.400
Transmitting ERP (watts)	73.900	149.230	118.620	25.350	2.650	0.300	2.180	14.630

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
53	37-31-11.9 N	087-09-13.7 W	141.7	95.4	1018270

Address: 550 SCHNEIDER TANNER ROAD

City: LIVERMORE County: MCLEAN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.400	69.100	70.300	81.600	92.100	93.900	102.600	85.400
Transmitting ERP (watts)	0.570	5.060	27.400	111.190	144.570	81.050	13.200	1.160

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	86.400	69.100	70.300	81.600	92.100	93.900	102.600	85.400
Transmitting ERP (watts)	47.570	6.000	0.480	1.320	7.360	47.670	142.060	144.070

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
54	37-19-05.4 N	086-12-12.3 W	231.6	83.8	1235514

Address: Nolin Lake North, 1900 Dickey's Mill Road

City: Mammoth Cave County: EDMONSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	93.200	91.500	87.800	91.400	103.800	115.800	129.600	104.400
Transmitting ERP (watts)	117.640	54.390	6.620	0.360	0.300	0.330	6.460	54.390

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	93.200	91.500	87.800	91.400	103.800	115.800	129.600	104.400
Transmitting ERP (watts)	3.300	11.570	54.260	67.250	19.880	3.340	0.340	0.490

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	93.200	91.500	87.800	91.400	103.800	115.800	129.600	104.400
Transmitting ERP (watts)	1.110	0.300	0.320	2.200	30.710	107.710	83.920	14.420

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
55	36-40-20.5 N	086-15-11.1 W	239.6	60.7	

Address: Allen South, 371 Andrew Jackson Highway

City: Adolphus County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	87.000	70.200	64.700	57.200	44.500	66.500	82.700	88.700
Transmitting ERP (watts)	117.640	63.170	8.330	0.490	0.260	0.300	4.900	45.770

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
55	36-40-20.5 N	086-15-11.1 W	239.6	60.7	

Address: Allen South, 371 Andrew Jackson Highway

City: Adolphus County: ALLEN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	87.000	70.200	64.700	57.200	44.500	66.500	82.700	88.700
Transmitting ERP (watts)	0.490	8.150	38.780	44.150	11.680	1.200	0.260	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	87.000	70.200	64.700	57.200	44.500	66.500	82.700	88.700
Transmitting ERP (watts)	4.900	0.260	0.280	0.350	9.130	63.170	117.640	43.710

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
56	36-42-03.8 N	086-23-15.8 W	226.2	77.7	1263047

Address: Alonzo, 4651 Perrytown Road

City: Franklin County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	97.300	87.900	75.000	66.000	77.000	88.300	100.400
Transmitting ERP (watts)	111.060	68.480	3.430	0.250	0.370	0.250	1.220	16.430

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	97.300	87.900	75.000	66.000	77.000	88.300	100.400
Transmitting ERP (watts)	1.480	24.580	100.120	93.440	17.800	1.480	0.260	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	97.300	87.900	75.000	66.000	77.000	88.300	100.400
Transmitting ERP (watts)	10.730	0.730	0.260	0.300	3.390	38.070	112.340	72.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
57	36-53-20.1 N	086-12-48.7 W	203.9	77.7	1264536

Address: Allen North, 173 Ray Vernon Lane

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.400	87.800	105.100	69.200	68.400	92.400	105.300	118.000
Transmitting ERP (watts)	12.040	74.220	112.340	35.530	3.720	0.260	0.290	0.450

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
57	36-53-20.1 N	086-12-48.7 W	203.9	77.7	1264536

Address: Allen North, 173 Ray Vernon Lane

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.400	87.800	105.100	69.200	68.400	92.400	105.300	118.000
Transmitting ERP (watts)	0.260	0.310	1.480	24.580	100.120	93.440	17.800	1.480

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.400	87.800	105.100	69.200	68.400	92.400	105.300	118.000
Transmitting ERP (watts)	63.170	8.330	0.490	0.260	0.300	4.900	45.770	117.640

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
58	37-07-58.9 N	086-13-12.8 W	197.8	77.7	1263384

Address: Edmonson South, 466 Rhea Road

City: Smiths Grove County: EDMONSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.900	74.500	47.600	73.500	83.900	88.000	89.200	76.800
Transmitting ERP (watts)	128.990	56.630	6.540	0.320	0.260	0.340	7.510	59.300

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.900	74.500	47.600	73.500	83.900	88.000	89.200	76.800
Transmitting ERP (watts)	0.690	16.910	90.270	116.960	30.240	2.840	0.260	0.330

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.900	74.500	47.600	73.500	83.900	88.000	89.200	76.800
Transmitting ERP (watts)	1.070	0.260	0.340	2.530	33.930	116.960	90.270	14.390

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
59	37-13-31.0 N	086-07-40.6 W	262.1	58.0	

Address: Near entrance to Mammoth Cave Park

City: Mammoth Cave County: EDMONSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.200	91.300	119.200	86.600	117.300	116.700	135.200	124.600
Transmitting ERP (watts)	170.670	78.910	9.600	0.520	0.430	0.480	9.380	78.910

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
59	37-13-31.0 N	086-07-40.6 W	262.1	58.0	

Address: Near entrance to Mammoth Cave Park

City: Mammoth Cave County: EDMONSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.200	91.300	119.200	86.600	117.300	116.700	135.200	124.600
Transmitting ERP (watts)	0.920	21.900	118.970	156.260	43.540	4.210	0.430	0.450

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.200	91.300	119.200	86.600	117.300	116.700	135.200	124.600
Transmitting ERP (watts)	1.600	0.430	0.470	3.190	44.550	156.260	121.750	20.910

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
60	37-23-49.1 N	087-08-43.7 W	135.0	94.2	1244765

Address: Bremen, 12849 Kentucky Highway

City: CENTRAL CITY County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.200	93.400	74.900	83.100	73.300	66.600	87.200	92.000
Transmitting ERP (watts)	122.700	78.480	11.150	0.740	0.260	0.340	3.750	40.860

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.200	93.400	74.900	83.100	73.300	66.600	87.200	92.000
Transmitting ERP (watts)	0.330	5.430	50.380	128.750	66.660	8.640	0.500	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.200	93.400	74.900	83.100	73.300	66.600	87.200	92.000
Transmitting ERP (watts)	3.840	0.260	0.300	0.480	13.100	80.300	122.700	38.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
61	37-57-06.1 N	086-24-38.3 W	260.0	96.3	1043429

Address: HWY 144, 4.8 KM (3 MILES) EAST OF

City: UNION STAR County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	155.100	133.800	120.800	135.100	151.300	176.200	170.600	164.100
Transmitting ERP (watts)	100.130	64.650	9.560	0.650	0.240	0.270	3.020	33.930

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
61	37-57-06.1 N	086-24-38.3 W	260.0	96.3	1043429

Address: HWY 144, 4.8 KM (3 MILES) EAST OF

City: UNION STAR County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	155.100	133.800	120.800	135.100	151.300	176.200	170.600	164.100
Transmitting ERP (watts)	0.310	8.140	56.310	104.850	38.950	4.370	0.240	0.250

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	155.100	133.800	120.800	135.100	151.300	176.200	170.600	164.100
Transmitting ERP (watts)	1.820	0.240	0.280	0.850	17.400	81.390	89.240	19.980

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
62	37-32-44.1 N	086-18-58.4 W	200.9	77.7	1258451

Address: 2408 Hanging Rock Road

City: Leitchfield County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	84.400	70.100	67.400	67.900	86.700	82.300	95.400
Transmitting ERP (watts)	97.150	35.730	4.550	0.310	0.380	0.580	13.630	68.070

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	84.400	70.100	67.400	67.900	86.700	82.300	95.400
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	75.500	84.400	70.100	67.400	67.900	86.700	82.300	95.400
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
63	36-41-48.4 N	087-07-44.2 W	176.5	60.7	1274279

Address: 4799 Russellville Road

City: Allensville County: TODD State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	39.500	56.100	59.000	64.900	64.800	67.600	57.500	49.800
Transmitting ERP (watts)	19.520	91.310	100.120	22.420	2.040	0.260	0.310	0.960

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
63	36-41-48.4 N	087-07-44.2 W	176.5	60.7	1274279

Address: 4799 Russellville Road

City: Allensville County: TODD State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	39.500	56.100	59.000	64.900	64.800	67.600	57.500	49.800
Transmitting ERP (watts)	0.260	0.290	0.450	12.040	74.220	112.340	35.530	3.720

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	39.500	56.100	59.000	64.900	64.800	67.600	57.500	49.800
Transmitting ERP (watts)	72.530	10.730	0.730	0.260	0.300	3.390	38.070	112.340

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
64	37-14-00.7 N	086-28-02.1 W	183.2	103.6	1231934

Address: 109 Peach Road North

City: Roundhill County: BUTLER State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.400	90.500	87.200	101.000	93.800	118.600	91.600	91.500
Transmitting ERP (watts)	363.980	159.800	18.450	0.910	0.740	0.950	21.190	167.330

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.400	90.500	87.200	101.000	93.800	118.600	91.600	91.500
Transmitting ERP (watts)	1.950	47.700	254.680	329.990	85.310	8.010	0.740	0.920

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.400	90.500	87.200	101.000	93.800	118.600	91.600	91.500
Transmitting ERP (watts)	3.030	0.740	0.970	7.140	95.740	330.050	254.730	40.610

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
65	37-52-03.2 N	086-41-39.8 W	149.0	60.7	

Address: Hancock South, 4586 Midway Lane

City: Hawesville County: HANCOCK State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	42.800	44.700	66.200	57.400	29.900	51.200	52.700	89.200
Transmitting ERP (watts)	115.500	73.040	10.410	0.540	0.280	0.490	4.480	36.360



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
65	37-52-03.2 N	086-41-39.8 W	149.0	60.7	

Address: Hancock South, 4586 Midway Lane

City: Hawesville County: HANCOCK State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	42.800	44.700	66.200	57.400	29.900	51.200	52.700	89.200
Transmitting ERP (watts)	3.060	20.470	92.740	139.820	92.120	15.240	1.400	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	42.800	44.700	66.200	57.400	29.900	51.200	52.700	89.200
Transmitting ERP (watts)	14.390	1.320	0.300	2.890	19.320	87.550	132.000	86.970

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
66	37-48-20.2 N	086-28-22.4 W	213.7	98.8	1215268

Address: Hardinsburg North, West side of Finley/Dowell Road

City: Hardinsburg County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.700	128.800	92.100	83.000	91.500	112.900	146.900	129.700
Transmitting ERP (watts)	65.140	85.560	23.840	2.300	0.240	0.240	0.510	11.990

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.700	128.800	92.100	83.000	91.500	112.900	146.900	129.700
Transmitting ERP (watts)	0.260	1.750	24.390	85.560	66.660	11.450	0.880	0.240

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.700	128.800	92.100	83.000	91.500	112.900	146.900	129.700
Transmitting ERP (watts)	5.250	0.290	0.240	0.260	5.140	43.210	93.440	43.210

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
67	37-31-51.2 N	086-28-23.9 W	192.0	123.4	1244902

Address: 3690 FALLS OF ROUGH ROAD

City: SHORT CREEK County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.800	72.500	68.000	60.600	85.600	82.500	104.300	89.800
Transmitting ERP (watts)	30.940	107.290	83.280	13.820	1.050	0.260	0.310	2.290

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
67	37-31-51.2 N	086-28-23.9 W	192.0	123.4	1244902

Address: 3690 FALLS OF ROUGH ROAD

City: SHORT CREEK County: GRAYSON State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.800	72.500	68.000	60.600	85.600	82.500	104.300	89.800
Transmitting ERP (watts)	0.260	0.310	6.770	55.020	117.640	52.550	6.320	0.320

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	81.800	72.500	68.000	60.600	85.600	82.500	104.300	89.800
Transmitting ERP (watts)	28.880	2.760	0.260	0.300	0.630	15.510	83.280	107.290

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
68	37-19-34.6 N	086-57-44.7 W	167.0	83.8	1217201

Address: Western KY Parkway, 256 Pond Run Church Road

City: Beaver Dam County: OHIO State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	93.500	89.600	96.400	94.000	100.700	102.100	97.600
Transmitting ERP (watts)	33.930	116.960	90.270	14.390	1.070	0.260	0.340	2.530

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	93.500	89.600	96.400	94.000	100.700	102.100	97.600
Transmitting ERP (watts)	3.840	0.260	0.300	0.480	13.100	80.300	122.700	38.140

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	93.500	89.600	96.400	94.000	100.700	102.100	97.600
Transmitting ERP (watts)	88.210	8.620	0.340	0.240	0.240	0.240	4.520	78.620

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
69	37-16-08.2 N	086-40-27.4 W	175.0	77.7	1268018

Address: Welcome, 224 Cook Road

City: Morgantown County: BUTLER State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.800	67.500	90.400	96.600	102.900	98.300	116.100	103.600
Transmitting ERP (watts)	117.640	52.550	6.320	0.320	0.260	0.310	6.770	55.020

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
69	37-16-08.2 N	086-40-27.4 W	175.0	77.7	1268018

Address: Welcome, 224 Cook Road

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.800	67.500	90.400	96.600	102.900	98.300	116.100	103.600
Transmitting ERP (watts)	0.630	15.510	83.280	107.290	28.880	2.760	0.260	0.300

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.800	67.500	90.400	96.600	102.900	98.300	116.100	103.600
Transmitting ERP (watts)	1.050	0.260	0.310	2.290	30.940	107.290	83.280	13.820

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
70	37-12-05.9 N	087-02-26.4 W	153.0	111.3	1231935

Address: 1317 US HWY 431

City: DRAKESBORO County: MUHLENBERG State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.300	109.400	98.200	89.900	81.000	80.100	89.600	94.400
Transmitting ERP (watts)	102.460	44.990	5.190	0.260	0.210	0.270	5.960	47.110

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.300	109.400	98.200	89.900	81.000	80.100	89.600	94.400
Transmitting ERP (watts)	0.550	13.430	71.710	92.910	24.020	2.250	0.210	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	106.300	109.400	98.200	89.900	81.000	80.100	89.600	94.400
Transmitting ERP (watts)	0.850	0.210	0.270	2.010	26.950	92.910	71.710	11.430

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
71	36-58-34.3 N	086-57-59.8 W	190.2	93.0	1246006

Address: Lewinsburg Downtown, Spa Road

City: LEWISBURG County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	103.300	93.900	90.700	82.900	85.300	84.200	89.200
Transmitting ERP (watts)	100.120	93.440	17.800	1.480	0.260	0.310	1.480	24.580

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
71	36-58-34.3 N	086-57-59.8 W	190.2	93.0	1246006

Address: Lewinsburg Downtown, Spa Road

City: LEWISBURG County: LOGAN State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	103.300	93.900	90.700	82.900	85.300	84.200	89.200
Transmitting ERP (watts)	0.300	4.900	45.770	117.640	63.170	8.330	0.490	0.260

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	107.500	103.300	93.900	90.700	82.900	85.300	84.200	89.200
Transmitting ERP (watts)	2.040	0.260	0.310	0.960	19.520	91.310	100.120	22.420

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
72	37-02-45.0 N	086-21-53.0 W	167.6	102.7	1046177

Address: Bristow, KY Hwy 526, 5.9 MI (9.5 km) NE of

City: BOWLING GREEN County: WARREN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.600	42.800	42.800	67.000	66.800	77.800	53.600	55.000
Transmitting ERP (watts)	144.730	63.540	7.340	0.360	0.300	0.380	8.420	66.540

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.600	42.800	42.800	67.000	66.800	77.800	53.600	55.000
Transmitting ERP (watts)	0.640	15.100	82.010	107.710	30.010	2.900	0.300	0.310

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	48.600	42.800	42.800	67.000	66.800	77.800	53.600	55.000
Transmitting ERP (watts)	1.180	0.300	0.350	2.570	34.720	120.380	93.440	15.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
73	36-48-17.7 N	087-09-29.0 W	195.1	37.0	

Address: Elkton Downtown, Water Tank within the Town of

City: Elkton County: TODD State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	36.400	49.400	47.700	51.300	46.600	29.900
Transmitting ERP (watts)	0.330	0.390	2.890	38.950	135.070	104.850	17.400	1.320

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
73	36-48-17.7 N	087-09-29.0 W	195.1	37.0	

Address: Elkton Downtown, Water Tank within the Town of

City: Elkton County: TODD State: KY Construction Deadline:

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	36.400	49.400	47.700	51.300	46.600	29.900
Transmitting ERP (watts)	186.670	22.440	1.150	0.940	1.100	24.050	195.470	417.910

**Antenna: 4**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	29.900	36.400	49.400	47.700	51.300	46.600	29.900
Transmitting ERP (watts)	69.360	324.400	355.700	79.630	7.260	0.940	1.100	3.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
74	36-45-37.5 N	086-43-02.9 W	197.2	77.7	1268208

Address: Middleton, 2514 Neely Road

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	65.100	67.700	65.900	61.000	73.500	89.900	84.400	76.100
Transmitting ERP (watts)	108.950	99.160	18.570	1.520	0.260	0.340	1.630	26.900

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	65.100	67.700	65.900	61.000	73.500	89.900	84.400	76.100
Transmitting ERP (watts)	0.340	7.510	59.300	128.990	56.630	6.540	0.320	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	65.100	67.700	65.900	61.000	73.500	89.900	84.400	76.100
Transmitting ERP (watts)	6.540	0.320	0.260	0.340	7.510	59.300	128.990	56.630

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
75	36-44-33.6 N	086-30-05.7 W	209.4	74.7	1057217

Address: Simpson I-65, 680 Phillips Lane

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	74.500	60.400	58.100	45.300	43.900	54.700	56.900	65.000
Transmitting ERP (watts)	113.860	122.250	26.290	2.360	0.300	0.370	1.180	23.930

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
75	36-44-33.6 N	086-30-05.7 W	209.4	74.7	1057217

Address: Simpson I-65, 680 Phillips Lane

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	74.500	60.400	58.100	45.300	43.900	54.700	56.900	65.000
Transmitting ERP (watts)	0.430	11.130	78.320	144.460	52.750	5.690	0.300	0.320

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	74.500	60.400	58.100	45.300	43.900	54.700	56.900	65.000
Transmitting ERP (watts)	0.830	0.300	0.380	4.210	45.850	137.670	88.060	12.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
76	36-41-45.2 N	086-08-55.9 W	299.9	42.7	

Address: Allen Southeast, 7.0 km southeast of

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.900	124.900	127.700	96.400	75.800	97.900	122.100	116.000
Transmitting ERP (watts)	156.880	103.360	17.100	1.570	0.350	3.430	22.970	104.060

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.900	124.900	127.700	96.400	75.800	97.900	122.100	116.000
Transmitting ERP (watts)	6.870	41.440	144.130	164.500	61.780	8.520	0.570	0.770

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	108.900	124.900	127.700	96.400	75.800	97.900	122.100	116.000
Transmitting ERP (watts)	1.120	0.240	0.870	3.340	18.280	65.860	50.650	9.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
77	37-41-44.8 N	086-25-06.2 W	210.6	77.7	1262107

Address: Kingswood, 1065 Stinnett-Taul Lane

City: Harned County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	76.900	78.500	81.600	105.100	108.200	91.500	108.400
Transmitting ERP (watts)	6.770	55.020	117.640	52.550	6.320	0.320	0.260	0.310

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
77	37-41-44.8 N	086-25-06.2 W	210.6	77.7	1262107

Address: Kingswood, 1065 Stinnett-Taul Lane

City: Harned County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	76.900	78.500	81.600	105.100	108.200	91.500	108.400
Transmitting ERP (watts)	0.260	0.300	3.390	38.070	112.340	72.530	10.730	0.730

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	78.900	76.900	78.500	81.600	105.100	108.200	91.500	108.400
Transmitting ERP (watts)	112.340	35.530	3.720	0.260	0.290	0.450	12.040	74.220

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
78	36-54-24.5 N	086-19-35.4 W	172.8	77.7	1275463

Address: Claypool, 2818 Alvaton-Greenhill Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.200	76.200	79.200	52.800	60.600	78.000	69.500	86.500
Transmitting ERP (watts)	18.240	82.650	124.610	82.100	13.580	1.250	0.280	2.730

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.200	76.200	79.200	52.800	60.600	78.000	69.500	86.500
Transmitting ERP (watts)	0.450	0.620	5.460	32.920	114.480	130.660	49.070	6.770

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.200	76.200	79.200	52.800	60.600	78.000	69.500	86.500
Transmitting ERP (watts)	112.910	27.380	2.950	0.270	1.500	8.200	53.810	130.660

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
79	37-54-07.2 N	086-31-56.1 W	185.9	30.3	

Address: 1.0 km SSW of

City: Stephensports County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	29.900	49.700	43.700	40.700	48.900	79.700	37.400
Transmitting ERP (watts)	20.210	136.640	63.910	3.510	0.310	0.310	0.310	0.340

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
79	37-54-07.2 N	086-31-56.1 W	185.9	30.3	

Address: 1.0 km SSW of

City: Stephensports County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	29.900	49.700	43.700	40.700	48.900	79.700	37.400
Transmitting ERP (watts)	0.310	0.310	3.510	82.330	124.620	15.330	0.570	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	29.900	49.700	43.700	40.700	48.900	79.700	37.400
Transmitting ERP (watts)	5.190	0.310	0.310	0.310	0.310	13.660	127.520	78.630

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
80	37-42-39.3 N	086-31-34.6 W	218.5	77.7	1272916

Address: 245 Dejarnette Lane

City: McQuady County: BRECKINRIDGE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.000	93.600	90.700	109.100	120.100	106.500	93.000	113.900
Transmitting ERP (watts)	128.360	93.210	17.180	1.520	0.270	1.720	14.250	71.470

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.000	93.600	90.700	109.100	120.100	106.500	93.000	113.900
Transmitting ERP (watts)	4.860	26.750	105.570	130.690	59.850	9.030	0.640	0.460

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.000	93.600	90.700	109.100	120.100	106.500	93.000	113.900
Transmitting ERP (watts)	3.780	0.270	1.280	5.690	46.750	127.920	120.460	33.780

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
81	37-29-16.7 N	086-16-14.7 W	231.6	44.2	

Address: Leitchfield WT, 1.5 km East of

City: Leitchfield County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.200	71.900	49.000	65.200	69.200	59.900	55.400	68.100
Transmitting ERP (watts)	127.520	78.630	5.190	0.310	0.310	0.310	0.310	13.660



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
81	37-29-16.7 N	086-16-14.7 W	231.6	44.2	

Address: Leitchfield WT, 1.5 km East of

City: Leitchfield County: GRAYSON State: KY Construction Deadline:

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.200	71.900	49.000	65.200	69.200	59.900	55.400	68.100
Transmitting ERP (watts)	0.310	0.790	40.320	146.410	38.510	1.570	0.310	0.310

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	84.200	71.900	49.000	65.200	69.200	59.900	55.400	68.100
Transmitting ERP (watts)	0.570	0.310	0.310	0.310	3.510	82.330	124.620	15.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
82	37-12-13.0 N	086-52-35.7 W	161.2	77.7	1263383

Address: 354 New Cut Road North

City: Rochester County: BUTLER State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	92.200	104.300	79.800	74.100	80.300	95.900	89.700	112.900
Transmitting ERP (watts)	63.170	117.640	43.710	4.900	0.260	0.280	0.350	9.130

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	92.200	104.300	79.800	74.100	80.300	95.900	89.700	112.900
Transmitting ERP (watts)	0.310	0.960	19.520	91.310	100.120	22.420	2.040	0.260

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	92.200	104.300	79.800	74.100	80.300	95.900	89.700	112.900
Transmitting ERP (watts)	10.730	0.730	0.260	0.300	3.390	38.070	112.340	72.530

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
83	36-45-39.5 N	086-51-51.6 W	186.6	77.7	1256442

Address: Logan South, 75 Hall Store Road

City: Russellville County: LOGAN State: KY Construction Deadline:

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.500	51.300	69.000	75.700	80.000	87.100	81.800	59.200
Transmitting ERP (watts)	128.990	56.630	6.540	0.320	0.260	0.340	7.510	59.300

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
83	36-45-39.5 N	086-51-51.6 W	186.6	77.7	1256442

Address: Logan South, 75 Hall Store Road

City: Russellville County: LOGAN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.500	51.300	69.000	75.700	80.000	87.100	81.800	59.200
Transmitting ERP (watts)	0.340	2.530	33.930	116.960	90.270	14.390	1.070	0.260

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.500	51.300	69.000	75.700	80.000	87.100	81.800	59.200
Transmitting ERP (watts)	3.840	0.260	0.300	0.480	13.100	80.300	122.700	38.140

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
84	36-58-47.9 N	086-23-20.0 W	155.1	56.4	1241356

Address: Bowling Green Cemetery Road, 3700 Cumberland Trace Cell

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	35.000	33.800	29.900	39.200	29.900	29.900	54.700
Transmitting ERP (watts)	129.890	61.320	3.430	0.310	0.310	0.310	0.450	18.690

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	35.000	33.800	29.900	39.200	29.900	29.900	54.700
Transmitting ERP (watts)	0.310	3.260	77.190	119.560	14.880	0.420	0.310	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	29.900	35.000	33.800	29.900	39.200	29.900	29.900	54.700
Transmitting ERP (watts)	0.310	0.310	0.310	0.570	26.700	136.640	48.150	2.270

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
85	36-53-34.0 N	086-24-38.0 W	184.4	46.7	

Address: Plano Water Tank, 9.0 SSE of

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	49.800	45.800	33.400	35.100	33.600	34.800	46.200
Transmitting ERP (watts)	1.340	39.400	76.830	11.900	0.480	0.240	0.240	0.240

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
85	36-53-34.0 N	086-24-38.0 W	184.4	46.7	

Address: Plano Water Tank, 9.0 SSE of

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	49.800	45.800	33.400	35.100	33.600	34.800	46.200
Transmitting ERP (watts)	0.240	0.240	0.240	5.320	66.920	53.150	4.220	0.240

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.200	49.800	45.800	33.400	35.100	33.600	34.800	46.200
Transmitting ERP (watts)	28.550	1.400	0.240	0.240	0.240	0.370	16.810	84.240

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
86	36-53-16.1 N	086-30-48.3 W	183.8	60.6	

Address: Richpond, 608 Skeek Road

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	78.100	67.600	58.700	47.300	43.600	56.900	73.400
Transmitting ERP (watts)	87.200	42.220	5.380	0.310	0.260	0.260	4.790	40.320

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	78.100	67.600	58.700	47.300	43.600	56.900	73.400
Transmitting ERP (watts)	1.480	24.580	100.120	93.440	17.800	1.480	0.260	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.900	78.100	67.600	58.700	47.300	43.600	56.900	73.400
Transmitting ERP (watts)	0.490	0.260	0.300	4.900	45.770	117.640	63.170	8.330

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
87	36-44-23.3 N	086-34-22.4 W	211.2	93.6	1007990

Address: Franklin Downtown, Ogles Road (Franklin #9142)

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.400	91.500	77.000	60.200	57.000	65.400	75.500	64.400
Transmitting ERP (watts)	1.890	59.640	119.000	18.430	0.750	0.270	0.270	0.270

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
87	36-44-23.3 N	086-34-22.4 W	211.2	93.6	1007990

Address: Franklin Downtown, Ogles Road (Franklin #9142)

City: Franklin County: SIMPSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.400	91.500	77.000	60.200	57.000	65.400	75.500	64.400
Transmitting ERP (watts)	0.270	0.270	0.270	8.050	101.290	84.250	6.540	0.310

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.400	91.500	77.000	60.200	57.000	65.400	75.500	64.400
Transmitting ERP (watts)	44.210	2.120	0.270	0.270	0.270	0.400	25.440	127.510

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
88	36-50-51.7 N	086-46-11.1 W	198.4	82.3	1237175

Address: Rockcastle, 1365 Echo Valley Road

City: Auburn County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.000	66.400	63.200	58.100	74.800	70.400	71.300	75.200
Transmitting ERP (watts)	122.700	78.480	11.150	0.740	0.260	0.340	3.750	40.860

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.000	66.400	63.200	58.100	74.800	70.400	71.300	75.200
Transmitting ERP (watts)	0.380	9.920	69.800	128.750	47.020	5.070	0.260	0.280

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	64.000	66.400	63.200	58.100	74.800	70.400	71.300	75.200
Transmitting ERP (watts)	2.100	0.260	0.330	1.050	21.320	101.470	108.950	23.430

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
89	37-25-24.5 N	086-24-14.9 W	197.8	83.8	1217214

Address: Millwood, 1006 Pleasant View Road

City: Millwood County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	41.800	60.100	71.500	58.400	67.600	87.100	76.500
Transmitting ERP (watts)	39.870	122.420	126.750	40.620	4.930	0.330	0.900	5.470

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
89	37-25-24.5 N	086-24-14.9 W	197.8	83.8	1217214

Address: Millwood, 1006 Pleasant View Road

City: Millwood County: GRAYSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	41.800	60.100	71.500	58.400	67.600	87.100	76.500
Transmitting ERP (watts)	0.890	0.350	3.940	22.290	94.500	128.360	70.660	11.140

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	62.400	41.800	60.100	71.500	58.400	67.600	87.100	76.500
Transmitting ERP (watts)	103.880	21.640	2.140	0.270	1.490	11.530	61.810	130.990

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
90	37-17-38.2 N	086-44-29.7 W	129.8	83.8	1217204

Address: Natcher Parkway, 1 C. Beck Rd.

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	37.600	36.200	41.100	50.200	36.800	52.200	53.300	52.700
Transmitting ERP (watts)	7.510	59.300	128.990	56.630	6.540	0.320	0.260	0.340

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	37.600	36.200	41.100	50.200	36.800	52.200	53.300	52.700
Transmitting ERP (watts)	0.260	0.340	3.750	40.860	122.700	78.480	11.150	0.740

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	37.600	36.200	41.100	50.200	36.800	52.200	53.300	52.700
Transmitting ERP (watts)	122.700	38.140	3.840	0.260	0.300	0.480	13.100	30.300

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
91	37-10-17.8 N	086-46-48.7 W	157.3	90.0	1273826

Address: South Hill, 231 Freeman Staples Road

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	84.600	81.200	73.600	93.700	70.900	96.300	102.200
Transmitting ERP (watts)	71.470	128.360	93.210	17.180	1.520	0.270	1.720	14.250

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
91	37-10-17.8 N	086-46-48.7 W	157.3	90.0	1273826

Address: South Hill, 231 Freeman Staples Road

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	84.600	81.200	73.600	93.700	70.900	96.300	102.200
Transmitting ERP (watts)	0.620	5.460	32.920	114.480	130.660	49.070	6.770	0.450

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.500	84.600	81.200	73.600	93.700	70.900	96.300	102.200
Transmitting ERP (watts)	21.640	2.140	0.270	1.490	11.530	61.810	130.990	103.880

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
92	36-57-07.6 N	086-47-36.4 W	210.0	77.7	1261473

Address: Chandler, 8773 Morgantown Road

City: Russellville County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.500	88.200	98.600	86.200	75.500	96.400	126.200	114.800
Transmitting ERP (watts)	122.700	78.480	11.150	0.740	0.260	0.340	3.750	40.860

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.500	88.200	98.600	86.200	75.500	96.400	126.200	114.800
Transmitting ERP (watts)	0.480	13.100	80.300	122.700	38.140	3.840	0.260	0.300

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	122.500	88.200	98.600	86.200	75.500	96.400	126.200	114.800
Transmitting ERP (watts)	0.500	0.260	0.330	5.430	50.380	128.750	66.660	8.640

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
93	37-03-12.4 N	086-44-45.3 W	184.4	77.7	1273825

Address: Davis Crossroads, 63 Fire Station Lane

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.300	104.500	88.100	79.900	67.600	85.300	105.100	96.800
Transmitting ERP (watts)	94.500	128.360	70.660	11.140	0.890	0.350	3.940	22.290

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
93	37-03-12.4 N	086-44-45.3 W	184.4	77.7	1273825

Address: Davis Crossroads, 63 Fire Station Lane

City: Morgantown County: BUTLER State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.300	104.500	88.100	79.900	67.600	85.300	105.100	96.800
Transmitting ERP (watts)	0.350	3.940	22.290	94.500	128.360	70.660	11.140	0.890

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.300	104.500	88.100	79.900	67.600	85.300	105.100	96.800
Transmitting ERP (watts)	17.180	1.520	0.270	1.720	14.250	71.470	128.360	93.210

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
94	36-49-14.6 N	087-02-42.8 W	198.7	77.7	1261471

Address: Daysville, 1270 Daysville Road

City: Russellville County: LOGAN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.600	79.200	75.600	95.700	90.500	86.800	61.000	55.000
Transmitting ERP (watts)	2.290	30.940	107.290	83.280	13.820	1.050	0.260	0.310

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.600	79.200	75.600	95.700	90.500	86.800	61.000	55.000
Transmitting ERP (watts)	0.490	0.260	0.300	4.900	45.770	117.640	63.170	8.330

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.600	79.200	75.600	95.700	90.500	86.800	61.000	55.000
Transmitting ERP (watts)	112.340	35.530	3.720	0.260	0.290	0.450	12.040	74.220

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
95	36-41-25.9 N	086-04-02.1 W	237.1	77.7	1278967

Address: Holland, 359 Lafayette Road

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.100	88.200	100.700	73.600	49.300	69.400	81.800	87.800
Transmitting ERP (watts)	12.260	67.850	91.320	22.470	1.930	0.240	0.240	1.460

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
95	36-41-25.9 N	086-04-02.1 W	237.1	77.7	1278967

Address: Holland, 359 Lafayette Road

City: Scottsville County: ALLEN State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.100	88.200	100.700	73.600	49.300	69.400	81.800	87.800
Transmitting ERP (watts)	0.230	1.100	4.900	40.250	110.140	103.720	29.080	3.250

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	114.100	88.200	100.700	73.600	49.300	69.400	81.800	87.800
Transmitting ERP (watts)	93.210	17.180	1.520	0.270	1.720	14.250	71.470	128.360

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
96	36-59-23.5 N	086-28-21.6 W	146.6	76.2	1277050

Address: Lampkin Park, Behind Dept of Hwys Dist. Office on Old Morgantown Rd. off Hwy 231

City: Bowling Green County: WARREN State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.300	29.900	37.300	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	111.310	29.890	1.180	0.240	0.240	0.240	0.710	29.750

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.300	29.900	37.300	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	0.240	2.330	51.180	79.740	9.900	0.320	0.240	0.240

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	30.300	29.900	37.300	29.900	29.900	29.900	29.900	29.900
Transmitting ERP (watts)	0.240	0.240	0.240	0.280	10.010	96.730	60.750	3.910

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
97	37-25-27.1 N	086-13-46.7 W	252.1	41.1	1280487

Address: Johnson Crossroads, 2601 St. Augustine Road

City: Clarkson County: GRAYSON State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.900	73.900	78.500	96.700	106.000	108.500	99.600	95.600
Transmitting ERP (watts)	157.100	105.670	17.850	1.800	0.480	4.050	25.570	109.870



Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKN867

File Number: 0009262184

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
97	37-25-27.1 N	086-13-46.7 W	252.1	41.1	1280487

Address: Johnson Crossroads, 2601 St. Augustine Road

City: Clarkson County: GRAYSON State: KY Construction Deadline:

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.900	73.900	78.500	96.700	106.000	108.500	99.600	95.600
Transmitting ERP (watts)	7.940	44.270	150.440	165.870	63.900	9.040	0.700	1.050

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	97.900	73.900	78.500	96.700	106.000	108.500	99.600	95.600
Transmitting ERP (watts)	4.030	0.340	2.430	11.890	72.190	167.790	144.670	35.900

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
98	37-54-31.9 N	085-59-25.9 W	236.2	35.0	

Address: Fort Knox IV, 5800 Block of Adams Street

City: Fort Knox County: MEADE State: KY Construction Deadline:

**Antenna: 1**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	74.300	90.800	60.900	57.100	53.800	55.700	114.300
Transmitting ERP (watts)	36.310	138.730	165.910	77.210	12.030	0.950	0.820	6.980

**Antenna: 2**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	74.300	90.800	60.900	57.100	53.800	55.700	114.300
Transmitting ERP (watts)	1.300	0.640	5.680	30.740	124.760	162.210	90.940	14.810

**Antenna: 3**

Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	94.000	74.300	90.800	60.900	57.100	53.800	55.700	114.300
Transmitting ERP (watts)	117.350	21.640	1.920	0.340	2.170	17.950	89.980	161.610

**Control Points:**

**Control Pt. No. 1**

Address: 216 W LINCOLN TRAIL

City: RADCLIFF County: State: KY Telephone Number:

**Waivers/Conditions:**

NONE

**REFERENCE COPY**

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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WPZV473	<b>File Number</b> 0009262040
<b>Radio Service</b> CW - PCS Broadband	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 06-23-2015	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 06-23-2025	<b>Print Date</b> 03-10-2021
<b>Market Number</b> MTA026	<b>Channel Block</b> A	<b>Sub-Market Designator</b> 23	
<b>Market Name</b> Louisville-Lexington-Evansville			
<b>1st Build-out Date</b> 06-23-2000	<b>2nd Build-out Date</b> 06-23-2005	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WPZV473

**File Number:** 0009262040

**Print Date:** 03-10-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE: CELLCO PARTNERSHIP**

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGA718	<b>File Number</b> 0009793647
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

**FCC Registration Number (FRN): 0003290673**

<b>Grant Date</b> 02-22-2022	<b>Effective Date</b> 02-22-2022	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 02-23-2022
<b>Market Number</b> REA004	<b>Channel Block</b> F	<b>Sub-Market Designator</b> 15	
<b>Market Name</b> Mississippi Valley			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGA718

**File Number:** 0009793647

**Print Date:** 02-23-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQGA959	<b>File Number</b> 0009775569
<b>Radio Service</b> AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 01-03-2022	<b>Effective Date</b> 01-03-2022	<b>Expiration Date</b> 11-29-2036	<b>Print Date</b> 01-05-2022
<b>Market Number</b> BEA071	<b>Channel Block</b> B	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Nashville, TN-KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQGA959

**File Number:** 0009775569

**Print Date:** 01-05-2022

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WQJQ692	
Radio Service	
WU - 700 MHz Upper Band (Block C)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 01-10-2020	<b>Effective Date</b> 02-11-2021	<b>Expiration Date</b> 06-13-2029	<b>Print Date</b>
<b>Market Number</b> REA004	<b>Channel Block</b> C	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Mississippi Valley			
<b>1st Build-out Date</b> 06-13-2013	<b>2nd Build-out Date</b> 06-13-2019	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQJQ692

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQVN764	<b>File Number</b>
<b>Radio Service</b> AT - AWS-3 (1695-1710 MHz, 1755-1780 MHz, and 2155-2180 MHz)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 04-08-2015	<b>Effective Date</b> 02-24-2017	<b>Expiration Date</b> 04-08-2027	<b>Print Date</b>
<b>Market Number</b> BEA071	<b>Channel Block</b> H	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Nashville, TN-KY			
<b>1st Build-out Date</b> 04-08-2021	<b>2nd Build-out Date</b> 04-08-2027	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQVN764

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# Federal Communications Commission

## Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WQVN765	<b>File Number</b>
<b>Radio Service</b> AT - AWS-3 (1695-1710 MHz, 1755-1780 MHz, and 2155-2180 MHz)	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 04-08-2015	<b>Effective Date</b> 02-24-2017	<b>Expiration Date</b> 04-08-2027	<b>Print Date</b>
<b>Market Number</b> BEA071	<b>Channel Block</b> I	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Nashville, TN-KY			
<b>1st Build-out Date</b> 04-08-2021	<b>2nd Build-out Date</b> 04-08-2027	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WQVN765

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

<b>Call Sign</b> WRAM746	<b>File Number</b> 0009262184
<b>Radio Service</b> WT - 600 MHz Band	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 01-09-2018	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 01-09-2030	<b>Print Date</b> 03-11-2021
<b>Market Number</b> PEA112	<b>Channel Block</b> A	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 01-09-2024	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRAM746

**File Number:** 0009262184

**Print Date:** 03-11-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRBB966	0009262037
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-09-2019	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 08-09-2029	<b>Print Date</b> 03-10-2021
<b>Market Number</b> BTA052	<b>Channel Block</b> L1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green-Glasgow, KY			
<b>1st Build-out Date</b> 06-01-2024	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRBB966

**File Number:** 0009262037

**Print Date:** 03-10-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRBB967	<b>File Number</b> 0009262037
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-09-2019	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 08-09-2029	<b>Print Date</b> 03-10-2021
<b>Market Number</b> BTA052	<b>Channel Block</b> L2	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green-Glasgow, KY			
<b>1st Build-out Date</b> 06-01-2024	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRBB967

**File Number:** 0009262037

**Print Date:** 03-10-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WREV449	<b>File Number</b> 0009262184
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 12-11-2019	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 12-11-2029	<b>Print Date</b> 03-11-2021
<b>Market Number</b> PEA112	<b>Channel Block</b> A	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WREV449

**File Number:** 0009262184

**Print Date:** 03-11-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WREV451	0009262184
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 12-11-2019	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 12-11-2029	<b>Print Date</b> 03-11-2021
<b>Market Number</b> PEA112	<b>Channel Block</b> B	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WREV451

**File Number:** 0009262184

**Print Date:** 03-11-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WREV453	0009262184
Radio Service	
UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 12-11-2019	<b>Effective Date</b> 01-13-2021	<b>Expiration Date</b> 12-11-2029	<b>Print Date</b> 03-11-2021
<b>Market Number</b> PEA112	<b>Channel Block</b> C	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WREV453

**File Number:** 0009262184

**Print Date:** 03-11-2021

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
 STRAIGHT PATH SPECTRUM, LLC  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRHF210	<b>File Number</b>
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF210

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** STRAIGHT PATH SPECTRUM, LLC

**ATTN:** REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF211	
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M10	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF211

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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Reference Copy

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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF212	
Radio Service	
UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M2	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF212

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
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LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF213	
Radio Service	
UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M3	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF213

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** STRAIGHT PATH SPECTRUM, LLC

**ATTN:** REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF214	
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M4	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF214

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
 STRAIGHT PATH SPECTRUM, LLC  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

Call Sign	File Number
WRHF215	
Radio Service	
UU - Upper Microwave Flexible Use Service	

FCC Registration Number (FRN): 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M5	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF215

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
 STRAIGHT PATH SPECTRUM, LLC  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRHF216	<b>File Number</b>
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M6	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF216

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: STRAIGHT PATH SPECTRUM, LLC

ATTN: REGULATORY  
 STRAIGHT PATH SPECTRUM, LLC  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRHF217	<b>File Number</b>
<b>Radio Service</b> UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M7	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF217

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** STRAIGHT PATH SPECTRUM, LLC

**ATTN:** REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF218	
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M8	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF218

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission  
Wireless Telecommunications Bureau****RADIO STATION AUTHORIZATION****LICENSEE:** STRAIGHT PATH SPECTRUM, LLC

**ATTN:** REGULATORY  
STRAIGHT PATH SPECTRUM, LLC  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRHF219	
Radio Service	
UU - Upper Microwave Flexible Use Service	

**FCC Registration Number (FRN):** 0012576435

<b>Grant Date</b> 06-04-2020	<b>Effective Date</b> 06-04-2020	<b>Expiration Date</b> 06-04-2030	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> M9	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** STRAIGHT PATH SPECTRUM, LLC

**Call Sign:** WRHF219

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF682	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> A1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF682

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF683	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> A2	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF683

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF684	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> A3	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF684

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF685	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> A4	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF685

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF686	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> A5	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

Operation for this combination license grants both interim and final rights for this PEA and is not impacted by the relocation process pursuant to 47 CFR ? 27.1412(g).

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

**Conditions:**

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF686

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# Federal Communications Commission

## Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRNF687	
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> B1	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

#### Waivers/Conditions:

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

#### Conditions:

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF687

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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# **Federal Communications Commission**

## **Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
CELLCO PARTNERSHIP  
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
ALPHARETTA, GA 30022

Call Sign	File Number
WRNF688	
Radio Service PM - 3.7 GHz Service	

FCC Registration Number (FRN): 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> B2	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

**Conditions:**

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**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF688

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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**Federal Communications Commission**  
**Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY  
 CELLCO PARTNERSHIP  
 5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING  
 ALPHARETTA, GA 30022

<b>Call Sign</b> WRNF689	<b>File Number</b>
<b>Radio Service</b> PM - 3.7 GHz Service	

**FCC Registration Number (FRN):** 0003290673

<b>Grant Date</b> 07-23-2021	<b>Effective Date</b> 07-23-2021	<b>Expiration Date</b> 07-23-2036	<b>Print Date</b>
<b>Market Number</b> PEA112	<b>Channel Block</b> B3	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Bowling Green, KY			
<b>1st Build-out Date</b> 07-23-2029	<b>2nd Build-out Date</b> 07-23-2033	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

This interim license, in conjunction with one or more final licenses, collectively provides authorization during the full 15-year license term. Operation under this final license may begin on the earlier of (1) 12/5/2025 or (2) the date that the certification for accelerated relocation for this PEA is validated by the FCC pursuant to 47 CFR ? 27.1412(g). Assignment application(s) and transfers of control filed for this interim license must be done in conjunction with any linked final license.

License is conditioned on compliance with all applicable FCC rules and regulations, including licensee making payments required by 47 C.F.R. §§ 27.1401- 27.1424 as described in FCC 20-22. See FCC 20-22, paras. 178-331.

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

**Licensee Name:** CELLCO PARTNERSHIP

**Call Sign:** WRNF689

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
---------------	--------------------	--------------------------	------------------------------	---------------

PROJECT SUMMARY

SITE NAME:

CK RUSSELLVILLE SE

SITE ADDRESS:

TBD MUDD RIVER CHURCH RD  
RUSSELLVILLE, KY 42276

COUNTY:

LOGAN

JURISDICTION:

LOGAN COUNTY

LAND USE:

TBD

PARCEL ID:

097-00-00-026-01

SITE COORDINATES:

1A

LATITUDE:

36° 49' 24.40" N (NAD83)

LATITUDE:

36.823446°

LONGITUDE:

86° 48' 30.30" W (NAD83)

LONGITUDE:

-86.808418°

ELEVATION:

843.6' AMSL (NAVD88)

FUZE PROJECT ID:

17345984

MGD LOCATION ID:

5000925943

PROPERTY OWNER:

DAVID AND BRENDA YODER  
3941 MIDDLETON RD.  
AUBURN, KY 42206

PROPERTY OWNER CONTACT:

TBD

TOWER OWNER:

TOWERCO  
5000 VALLEYSTONE DR #200  
CARY, NC 27519  
CONTACT: ED SCHAFER  
PHONE: 336-325-1066  
EMAIL: ESCHAFER@TOWERCO.COM

STRUCTURE TYPE:

MONOPOLE

TOWER HEIGHT:

125'-0"

ENVIRONMENTAL REQ. :

N/A

OCCUPANCY :

UNMANNED

SITE TYPE :

RAWLAND

POWER COMPANY :

TBD

CONTACT :

TBD

PHONE :

TBD

COMMUNICATIONS:

TBD

PHONE :

TBD

FIRE DEPARTMENT :

TBD

PHONE :

TBD

POLICE DEPARTMENT :

TBD

PHONE :

TBD

DIRECTIONS FROM LOGAN COUNTY COURTHOUSE:  
HEAD EAST ON W 3RD ST TOWARD MARKET SQ. TURN RIGHT ONTO N WINTER ST. TURN LEFT ONTO US-68 E BUS / W 4TH ST. THEN IMMEDIATELY TURN RIGHT ONTO US-68 E BUS / SW PARK SQ. TURN LEFT TO STAY ON US-68 E BUS / KY-3519 / S MAIN ST. TURN RIGHT ONTO US-68 E BUS / E 4TH ST. TURN RIGHT ONTO MUD RIVER CHURCH RD. SITE ACCESS IS AT THE END OF THE ROAD.

STRUCTURAL REVIEW

CONTRACTOR SHALL ATAIN AND VERIFY STRUCTURAL EVALUATION REPORT OF EXISTING TOWER FOR EXACT PLACEMENT OF ANTENNAS AND COAX CABLES. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STRUCTURAL EVALUATION REPORT AND NOTIFY VERIZON'S CONSTRUCTION MANAGER IN THE CASE OF ANY DISCREPANCIES. ANY STRUCTURAL MODIFICATION, IF REQUIRED, SHALL BE DONE PRIOR TO THE INSTALLATION OF ANTENNAS.



CK RUSSELLVILLE SE  
TBD MUDD RIVER CHURCH RD  
RUSSELLVILLE, KY 42276

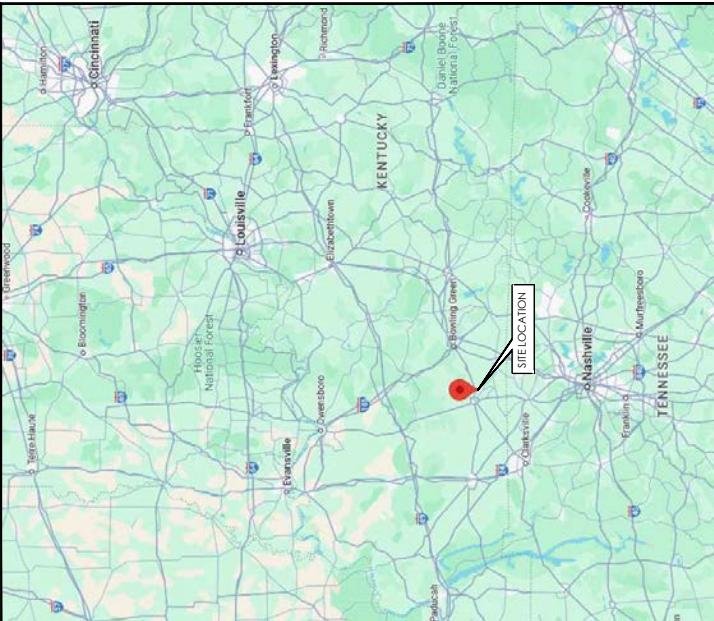
APPLICABLE CODES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

2018 KENTUCKY BUILDING CODE (2015 INTERNATIONAL BUILDING CODE)  
2012 INTERNATIONAL ENERGY CONSERVATION CODE (COMMERCIAL)  
2009 INTERNATIONAL ENERGY CONSERVATION CODE (RESIDENTIAL)  
2012 INTERNATIONAL FIRE CODE  
2015 INTERNATIONAL MECHANICAL CODE  
2015 INTERNATIONAL RESIDENTIAL CODE

ACCESSIBILITY REQUIREMENTS:  
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 IBC BUILDING CODE.

VICINITY MAP



NOT TO SCALE

DIRECTIONS FROM LOUISVILLE SWITCH 2441 HOLLOWAY RD, LOUISVILLE, KY 40299: HEAD SOUTH ON HOLLOWAY RD TOWARD PLANTSIDE DR. TURN LEFT ONTO SCHUTTIE STATION PL. ROAD NAME CHANGES TO PLANTSIDE DR. TURN LEFT ONTO BLANKENBAKER PKWY. TAKE THE RAMP ON THE RIGHT FOR I-64 EAST AND HEAD TOWARD LEXINGTON. AT EXIT 19A, HEAD RIGHT ON THE RAMP FOR I-265 / KY-841 SOUTH TOWARD GENE SNYDER FREEWAY. ROAD NAME CHANGES TO I-265 W / KY-841 W. AT EXIT 10-B, HEAD RIGHT ON THE RAMP FOR I-65 SOUTH TOWARD NASHVILLE. AT EXIT 20, HEAD RIGHT ON THE RAMP FOR I-165 / KY-9007 TOWARD OWENSBORO / SCOTTSVILLE. KEEP RIGHT, HEADING TOWARD OWENSBORO. AT EXIT 5, HEAD RIGHT ON THE RAMP FOR US-68 W / KY-80 / RUSSELLVILLE RD TOWARD RUSSELLVILLE. TURN LEFT ONTO MUD RIVER CHURCH RD. SITE ACCESS IS AT THE END OF THE ROAD.

SHEET INDEX

NO.	DESCRIPTION
T1	TITLE SHEET
S1	SURVEY - COVER SHEET
S2	SURVEY - OVERVIEW MAP
S3	SURVEY - SITE SURVEY
S4	SURVEY - SITE SURVEY
S5	SURVEY - SITE SURVEY
S6	SURVEY - SITE SURVEY
S7	SURVEY - DESCRIPTIONS
S8	SURVEY - TITLE
Z1	ASR TOWER MAP
Z2	OVERALL SITE LAYOUT
Z3	OVERALL SITE PLAN
Z4	EROSION CONTROL SITE PLAN
Z5	DIMENSION SITE PLAN
Z6	TOWER ELEVATION
Z7	SITE DETAILS
Z8	SITE DETAILS
Z9	SITE DETAILS

AERIAL MAP



NOT TO SCALE

CALL 811  
1 (800) 752-6007  
www.kentucky811.com  
CONTRACTOR TO CALL KENTUCKY ONECALL SYSTEMS AT LEAST (2) FULL WORKING DAYS PRIOR TO DIGGING.

SHEET SCALE FACTOR:  
PLOT SIZE:  
11" x 17": TO SCALE

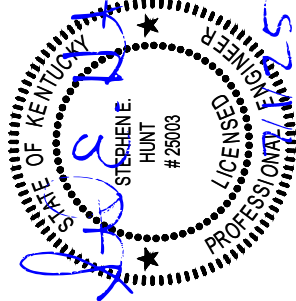


1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS			
2	07/01/25	JAE	ZONING REVIEW
1	05/05/25	MDR	ZONING REVIEW
0	03/04/25	JAE	ZONING REVIEW
A	02/26/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION



TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	TBD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	TITLE SHEET
---------------	-------------

DRAWING # :	T1	REVISION :	2
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GENERAL NOTES:

- This Survey is prepared exclusively to show site conditions and/or for use in support of instruments related to Leases and Easements as may be shown hereon. Any property boundary information shown hereon is a composite of information gathered from current or previous Surveys, Plat & Deed Description and/or Assessor's Tax Maps as may be referenced hereon. This Survey is not a Boundary Survey of any Tax Parcels or Deed Tracts, and does not create, combine, or divide any existing properties.
- Survey shown hereon was performed under the supervision of a state-registered Land Surveyor and conforms to all applicable State Board Requirements.
- Instruments Used: One or more of: Topcon Total Station, Topcon Hiperlite Plus GPS, Carlson Surveyor Data Collector, DJI UAV.
- Where shown, improvements (utilities, buildings, trees, fences, etc.) are based on field Survey and/or aerial mapping.
- Any Underground Utilities shown according to surface markings made by others, found at time of survey. Additional marked utilities outside the area covered by this survey map may be shown in provided CAD Files. Utility Markings may not be comprehensive: this survey does not relieve design and construction personnel of the responsibility to determine the locations of underground utilities prior to land disturbance activities.
- This Survey is presented in the format required by Clients. Clients are advised that Official Jurisdictions may require the Survey to be presented in another format with additional notes and certifications. In the event other formats, notes or certifications are requested by applicable jurisdictions, it is the responsibility of the Client to request same be prepared by Surveyor. Survey as published is not intended to be suitable for recording as a Subdivision Plat.
- This survey may have been reduced or enlarged in size due to subsequent reproduction. This should be taken into consideration when obtaining scaled data.
- Geographic Coordinates, if published, meet FAA Accuracy Code 1A, and are accurate to within ± 20 feet horizontally and to within ± 3 feet vertically.
- Any Flood Zone information presented hereon is according to current FEMA Flood Map information as may be referenced hereon. No Flood Elevation Survey of Certification performed.
- This survey is not valid without the original signature seal of a State-Licensed Land Surveyor, and is not complete without the total of sheets as specified in Survey Title Blocks.
- Unless indicated otherwise by reference to Record Instruments, any Lessee's Leases, Premises or Easements shown hereon are NOT YET OF RECORD and may be subject to change pending review and approval by Carrier, applicable jurisdictions and/or other involved parties.
- Any Survey Markers placed as required by Standards of Practice and/or Client request represent the Leases and/or Easements as requested or designed by Clients at the time of this survey issue and may not reflect changes to site design which have not been communicated to Surveyor in the form of a Survey revision request. Surveyor shall not be liable for any circumstance arising as a result of revisions to Site Design (which may invalidate existing survey markers) occurring after the date of this Survey issue.

SURVEYOR'S CERTIFICATION

To: TowerCo IV Holdings, LLC:  
I hereby certify (or state) that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.



Travis L. Shields  
Kentucky PLS  
License No. 4246

PROPOSED TOWER LOCATION DATA

Latitude: NORTH: 36.823446° 36° 49' 24.40"  
Longitude: WEST: 86.808418° 86° 48' 30.30"  
Ground Elev: 843.6 FEET AMSL (NAVD88)  
Benchmark: DK3318 KYTC

VESTING LANDS:

See Details on Sheet #2

NORTH ORIENTATION

KENTUCKY SOUTH STATE PLANE COORDINATE SYSTEM  
Based on GPS Survey relative to NGS CORS Network, NAD83 (2011)  
ELEVATION DATUM: NAVD88, GEOID 12B  
DATE OF SURVEY: 10-12-2023

Method: RTK (CORS); Confidence Level: 95%  
Positional Accuracy: HZ ± 0.10'  
EPOCH 2010.0000  
Convergence: 0.64185278"; Combined Factor: 0.99994907

FLOOD DATA

FEMA FLOOD MAP PANEL: 21141C0300D, Effective Date: 10-02-2012  
Surveyed Area appears to lie within: ZONE X (Areas of Minimal Flood Hazard)

TITLE EXAMINATION:

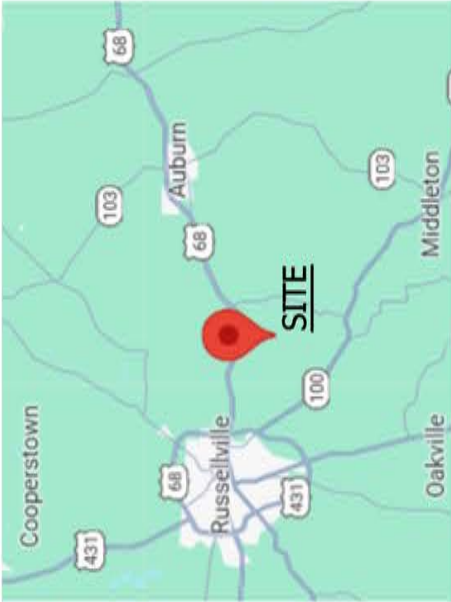
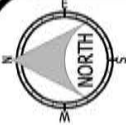
See Sheet #8

SURVEY ISSUE DATA

#	DETAILS	DATE	DRAWN	APP
0	Original Survey Issue	01-23-2025	NB	TLS
1	Site Number Revised	01-31-2025	NB	TLS
2	Show Proposed Monopole Tower Location	02-25-2025	NB	TLS

LOCATION MAP

NOT TO SCALE



LEGEND

●	IRON ROD FOUND
⌀	UTILITY POLE
└─	GUY ANCHOR
□	GROUND PORT
⊗	ELECTRIC METER
▤	ELECTRICAL UTILITY
▥	ELECTRICAL PULLBOX
▧	TRANSFORMER
⊕	MARKER: BURRIED CABLE
▩	TELECOM PULLBOX
▨	TELECOM JUNCTION
⊖	FIBEROPTIC MARKER
*	PROPOSED TOWER
⬮	SITE BENCHMARK
R/W	RIGHT-OF-WAY
C/L	CENTER LINE
AU	ACCESS & UTILITY
ESMT	EASEMENT
P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
Sq Ft	SQUARE FEET
—	PAVEMENT EDGE
—	GRAVEL EDGE
—	OVERHEAD UTILITY LINES
—	FENCE
—	5' CONTOURS
—	1' CONTOURS
—	PUBLIC R/W
—	TAX PARCEL BOUNDARY
—	EXISTING EASEMENT
—	LESSEE'S PREMISES
—	LESSEE'S EASEMENTS

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276  
Logan County, Kentucky

COVER SHEET

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
1  
OF  
8

THE  
LAND CONSULTANTS  
5449 HIGHWAY 41  
JASPER, TN 37347  
423-304-6722

PREPARED FOR



TOWERCO®  
TOWERCO IV HOLDINGS, LLC  
5000 Valleystone Drive # 200,  
Cary NC 27519



PROPERTY INFORMATION

VESTING TAX PARCELS:

LESSEE PREMISES:

- A. MARVIN J. MILLER & SARAH MILLER FAMILY TRUST  
TAX PARCEL: NOT ASSIGNED  
PART DEED BOOK D442, PAGE 558, TRACT ONE

EASEMENT #1:

- B. DAVID YODER & BRENDA YODER  
TAX PARCEL: 097-00-00-026-01  
DEED BOOK D458, PAGE 371

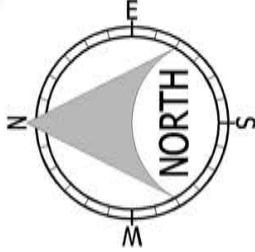
SEE NOTES UNDER TITLE EXAM DESCRIPTIONS

EASEMENT #2:

- C. JOHN H. MORGAN & ELIZABETH MORGAN  
TAX PARCEL: 097-00-00-026-00  
DEED BOOK 342, PAGE 566

ADJOINING TAX PARCELS

- D. JOEY WRIGHT  
TAX PARCEL: 097-00-00-010-02  
DEED BOOK D442, PAGE 124
- E. NATHANIEL IRVIN ...  
TAX PARCEL: 097-00-00-010-04  
DEED BOOK 484, PAGE 227
- F. DAVID YODER ...  
TAX PARCEL: 111-00-00-003-07  
DEED BOOK D453, PAGE 131  
PLAT BOOK 4, PAGE 94
- G. DAVID LYNN YODER ...  
TAX PARCEL: 111-00-00-019-02  
DEED BOOK D457, PAGE 679
- H. OHN H. MORGAN & ELIZABETH MORGAN  
TAX PARCEL: 097-00-00-027-02  
DEED NOT LISTED



LESSEE'S 15' ACCESS  
& UTILITY EASEMENT #2

MUD RIVER ROAD

C

D

E

F

B

LESSEE'S ACCESS  
& UTILITY EASEMENT #1

A

LESSEE'S  
PREMISES

G

H

- RW — PUBLIC R/W
- - - VESTING LAND
- - - ADJOINING TAX PARCEL
- LESSEE'S PREMISES
- LESSEES EASEMENT(S)

OVERVIEW MAP CAVEAT:  
OVERVIEW MAP IS NOT A SURVEY BUT A VICINITY / LOCATION MAP INTENDED ONLY TO SHOW SURVEYED PROPERTY IN RELATION TO SURROUNDING AREA. VESTING AND ADJOINING PARCEL BOUNDARIES ARE NOT INCLUDED IN OR CERTIFIED BY THIS SURVEY. BOUNDARY LINES ARE A COMPOSITE OF DEED, PLAT AND/OR TAX MAP INFORMATION



THE  
LAND CONSULTANTS  
LLC  
5449 HIGHWAY 41  
JASPER, TN 37347  
423-304-6722

PREPARED FOR



TOWERCo®  
TOWERCO IV HOLDINGS, LLC  
5000 Valleystone Drive # 200,  
Cary NC 27519

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276

Logan County, Kentucky

OVERVIEW MAP

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
2  
OF  
8



MUD RIVER  
CHURCH ROAD

30' Public R/W  
Apparent per Road & Fence  
Evidence & Monuments

P.O.C. Premises  
P.O.C. Esmt #1  
P.O.B. Esmt #2  
Capped Iron Rod Found

See Title Item 4.2

LESSEE'S 15'  
ACCESS & UTILITY  
EASEMENT #2  
3,678 Sq. Ft. - 0.08± Ac

See Title Item 4.1, 4.3

Access & Utility Easement  
Deed MC118-773

NW Line of conveyances to Miller  
(and perhaps thence Yoder, see  
Title Exam Description Notes)  
NW of this Line assumed remaining  
property of Morgan, Deed 342-566

Access & Utility Easement  
Deed MC118-773  
Title Item 5.1

LESSEE'S  
ACCESS & UTILITY  
EASEMENT #1  
93,243 Sq. Ft. - 2.14± Ac

CURVE DATA TABLE				
CURVE	RADIUS	ARC LEN	TANGENT	DELTA ANGLE
C1	183.33'	96.01'	49.14'	30°00'28"
C2	294.42'	105.15'	53.14'	20°27'48"
C3	533.60'	264.08'	134.80'	28°21'19"
C4	199.39'	221.36'	123.65'	63°36'27"
C5	184.53'	190.81'	104.93'	59°14'44"
C6	74.99'	114.27'	71.55'	87°18'43"
C7	104.99'	159.99'	100.17'	87°18'43"
C8	214.53'	221.83'	121.98'	59°14'44"
C9	229.39'	254.66'	142.25'	63°36'27"
C10	503.60'	249.23'	127.22'	28°21'19"
C11	324.42'	115.87'	58.56'	20°27'48"
C12	213.33'	111.73'	57.18'	30°00'28"

SCALE: 1in = 50'



LINE DATA TABLE		
LINE	BEARING	DISTANCE
L1	S 65°24'15" E	100.00'
L2	S 24°35'45" W	100.00'
L3	N 65°24'15" W	100.00'
L4	N 24°35'45" E	100.00'
L5	S 24°35'45" W	100.00'
L6	N 65°24'15" W	30.00'
L7	N 24°35'45" E	34.88'
L8	N 58°14'47" W	123.41'
L9	N 88°15'15" W	108.09'
L10	N 09°32'29" W	50.69'
L11	N 69°10'18" E	140.02'
L12	N 13°27'23" E	244.95'
L13	N 45°47'21" W	346.32'
L14	S 46°53'56" W	146.22'
L15	N 45°19'28" W	666.90'
L16	N 46°03'04" E	245.36'
L17	S 46°35'51" E	15.02'
L18	S 46°01'46" W	215.68'
L19	S 45°19'28" E	622.32'
L20	N 46°53'56" E	117.36'
L21	S 45°47'21" E	346.32'
L22	S 13°27'23" W	244.95'
L23	S 69°10'18" W	31.93'
L24	S 09°32'29" E	34.17'
L25	S 58°14'47" E	69.25'
L26	N 24°35'45" E	28.60'
L27	S 65°24'15" E	80.00'
L28	S 46°03'04" W	245.36'
L29	N 45°19'28" W	15.00'
L30	N 46°03'04" E	245.02'
L31	S 46°35'51" E	15.02'



KENTUCKY SOUTH  
STATE PLANE



THE  
LAND CONSULTANTS  
LLC  
5449 HIGHWAY 41  
JASPER, TN 37347  
423-304-6722

PREPARED FOR



TOWERCO IV HOLDINGS, LLC  
5000 Valleystone Drive # 200,  
Cary NC 27519

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276

Logan County, Kentucky

SITE SURVEY

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

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OF  
8





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**TOWERCO**  
TOWERCO IV HOLDINGS, LLC  
5000 Valleystone Drive # 200,  
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# SITE SURVEY

## CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276

Logan County, Kentucky

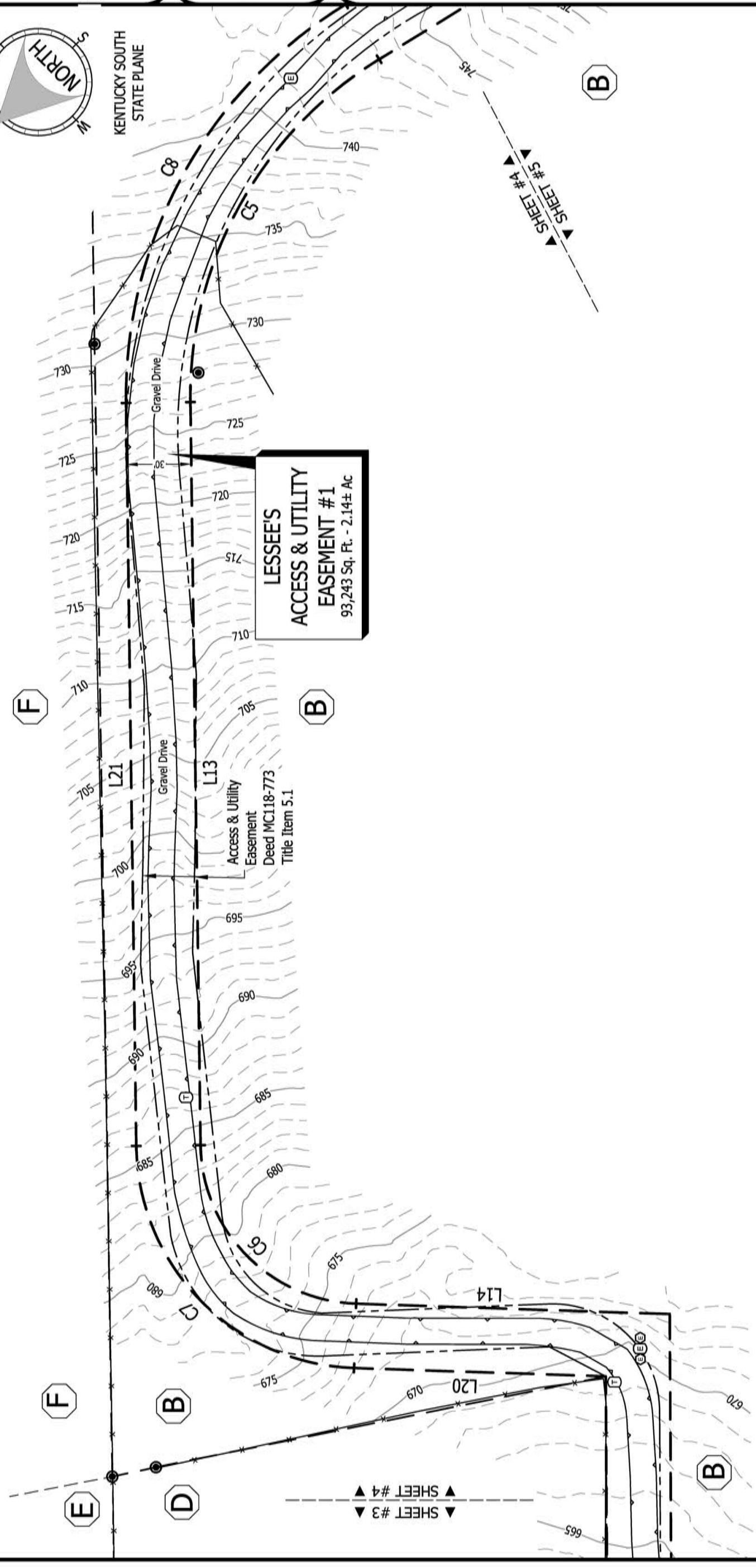
# SITE SURVEY

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
**4**  
OF  
8



KENTUCKY SOUTH  
STATE PLANE

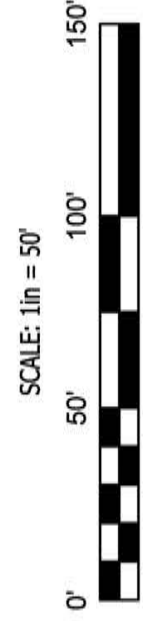


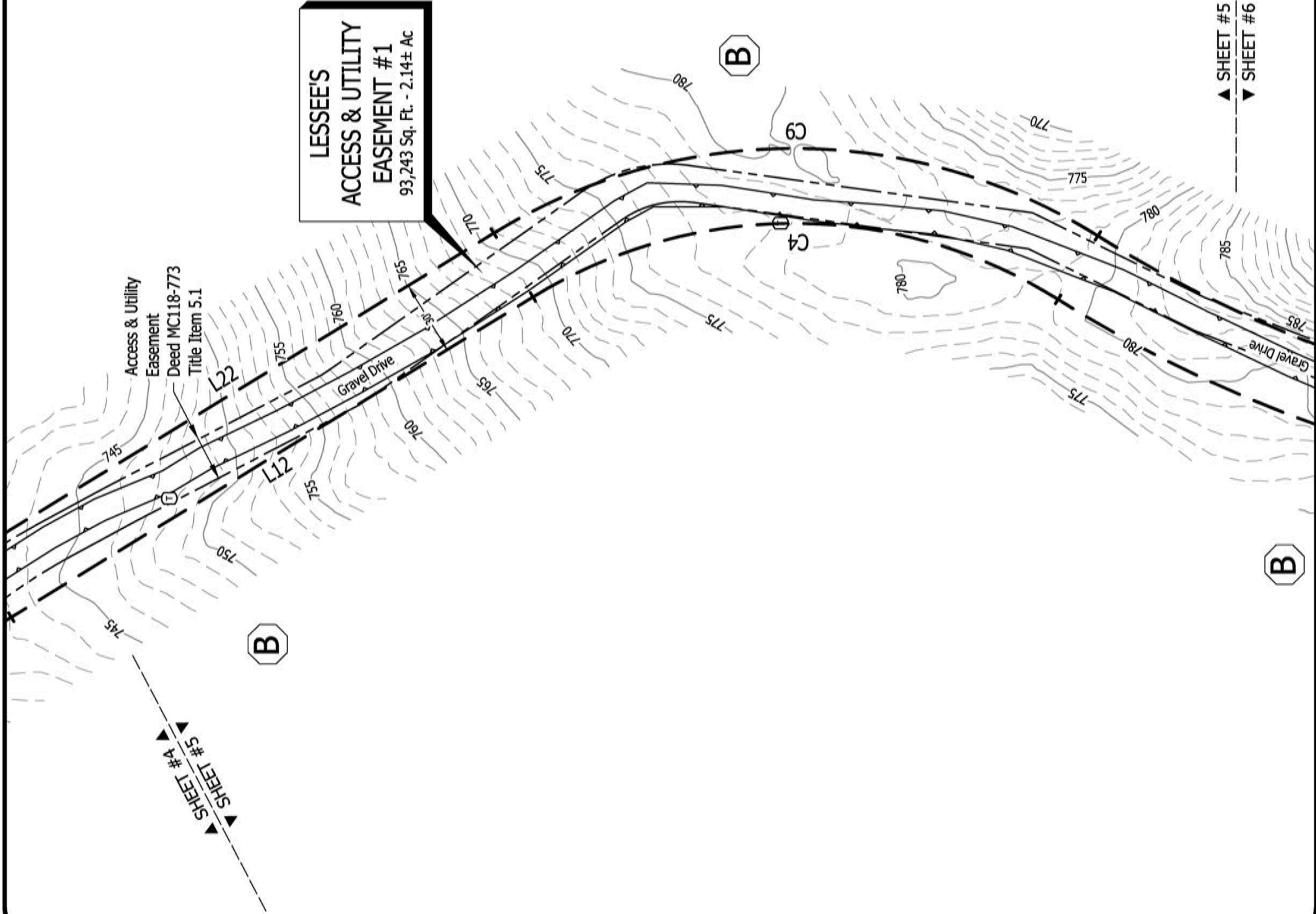
STATE of KENTUCKY

**TRAVIS L. SHIELDS**  
02/25/25  
4246

*Travis L. Shields*

LICENSED  
PROFESSIONAL  
LAND SURVEYOR





LESSEE'S  
ACCESS & UTILITY  
EASEMENT #1  
93,243 Sq. Ft. - 2.14± Ac

Access & Utility  
Easement  
Deed MC118-773  
Title Item 5.1

▲ SHEET #4 ▲  
▲ SHEET #5 ▲

▲ SHEET #5 ▲  
▼ SHEET #6 ▼



KENTUCKY SOUTH  
STATE PLANE



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# SITE SURVEY CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276

Logan County, Kentucky



SCALE: 1in = 50'



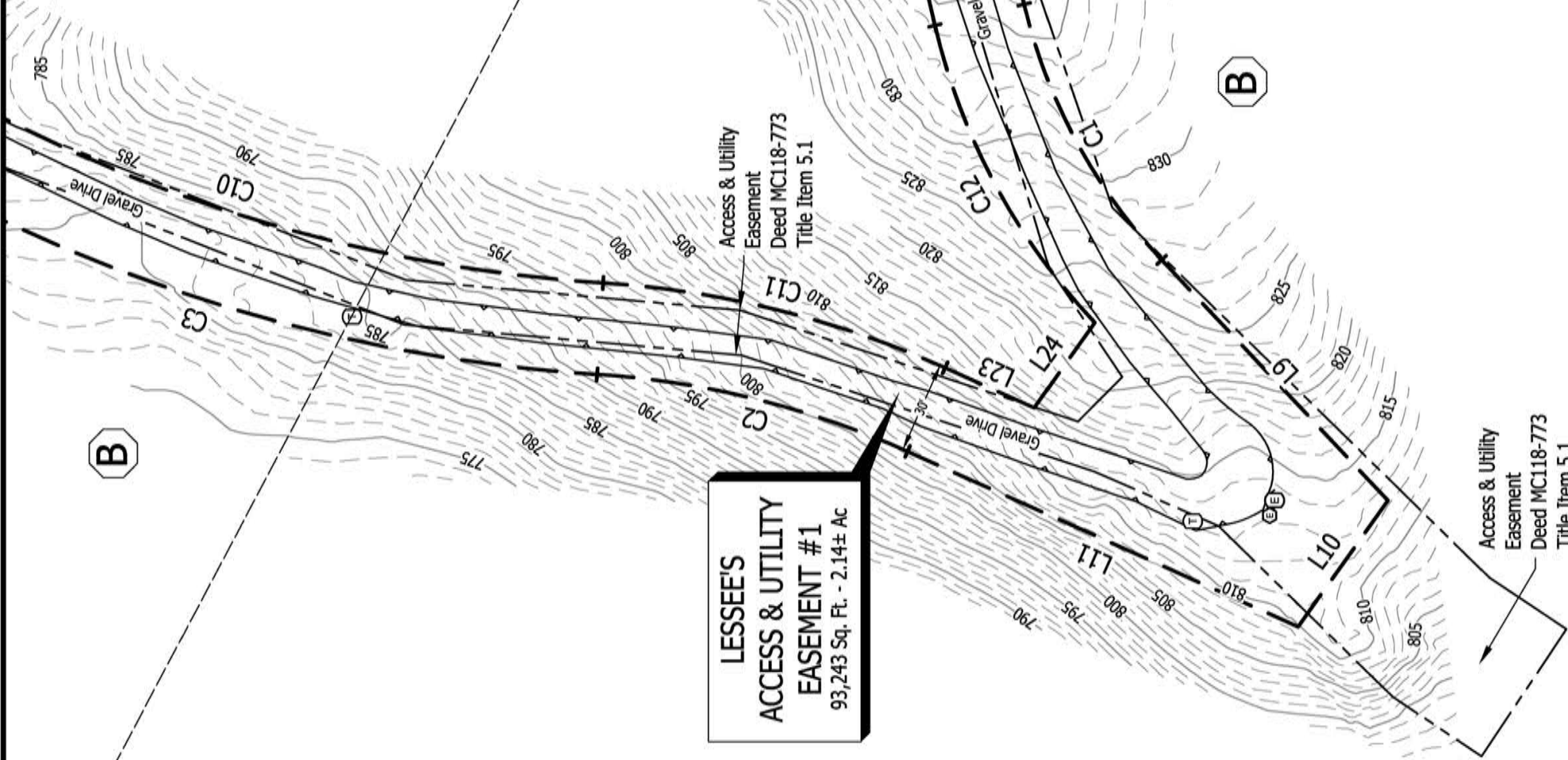
DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
5  
OF  
8

## SITE SURVEY



▲ SHEET # 5  
▼ SHEET # 6



KENTUCKY SOUTH  
STATE PLANE

**THE LAND CONSULTANTS**  
LLC  
5449 HIGHWAY 41  
JASPER, TN 37347  
423-304-6722

**TowerCo**  
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5000 Valleystone Drive # 200,  
Cary NC 27519

**SITE SURVEY**  
**CK RUSSELLVILLE SE II**  
Site Number: KY0111  
Mud River Church Road Russellville, KY 42276  
Logan County, Kentucky

**SITE SURVEY**

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET **6** OF 8

STATE OF KENTUCKY  
**TRAVIS L. SHIELDS**  
02/25/25  
4246  
LICENSED  
PROFESSIONAL  
LAND SURVEYOR



**LESSEE'S  
ACCESS & UTILITY  
EASEMENT #1**  
93,243 Sq. Ft. - 2.14± Ac

**LESSEE'S  
PREMISES**  
10,000 Sq. Ft.  
0.23± Ac

Also Lease Area of record in  
Deed MC118-773  
Title Item 5.1

Access & Utility  
Easement  
Deed MC118-773  
Title Item 5.1



LESSEE'S PREMISES

All that tract or parcel of land lying and being in Logan County, Kentucky, and being a portion of the property of David Yoder and Brenda Yoder, of record in Deed Book D458, Page 371, Office of the County Clerk, Logan County, Kentucky, and/or the Marvin J. Miller and Sarah Miller Family Trust, of record in Deed Book D442, Page 558, Office of the County Clerk, Logan County, Kentucky and being more particularly described as follows:

COMMENCE at a Capped Iron Rod found at the Southern Terminus of the Right-of-Way of Mud River Road; Thence along a Chord Tie Line having a Bearing of S 17°09'41" E, a distance of 1,742.45 feet to the POINT OF BEGINNING;

Thence S 65°24'15" E, a distance of 100.00 feet;  
Thence S 24°35'45" W, a distance of 100.00 feet;  
Thence N 65°24'15" W, a distance of 100.00 feet;  
Thence N 24°35'45" E, a distance of 100.00 feet to the POINT OF BEGINNING.

Said Premises contains 0.23 Acres (10,000 Square Feet), more or less.

LESSEE'S 15' ACCESS & UTILITY EASEMENT #2

All that tract or parcel of land lying and being in Logan County, Kentucky, and being a portion of the property of John H. Morgan and Elizabeth Morgan, of record in Deed Book 342, Page 566, Office of the County Clerk, Logan County, Kentucky, and being more particularly described as follows:

BEGINNING at a Capped Iron Rod found at the Southern Terminus of the Right-of-Way of Mud River Road;  
Thence S 46°03'04" W, leaving said Right-of-Way Terminus Linea distance of 245.36 feet;  
Thence N 45°19'28" W, a distance of 15.00 feet;  
Thence N 46°03'04" E, a distance of 245.02 feet to a point n said Right-of-Way Terminus Line;  
Thence S 46°35'51" E, along said Right-of-Way Terminus Line, a distance of 15.02 feet to the POINT OF BEGINNING.

Said Easement contains 0.08 Acres (3,678 Square Feet), more or less.



LESSEE'S ACCESS & UTILITY EASEMENT #1

All that tract or parcel of land lying and being in Logan County, Kentucky, and being a portion of the property of David Yoder and Brenda Yoder, of record in Deed Book D458, Page 371, Office of the County Clerk, Logan County, Kentucky, and/or the Marvin J. Miller and Sarah Miller Family Trust, of record in Deed Book D442, Page 558, and being more particularly described as follows:

COMMENCE at a Capped Iron Rod found at the Southern Terminus of the Right-of-Way of Mud River Road; Thence along a Chord Tie Line having a Bearing of S 17°09'41" E, a distance of 1,742.45 feet to the POINT OF BEGINNING;

Thence S 24°35'45" W, a distance of 100.00 feet;  
Thence N 65°24'15" W, a distance of 30.00 feet;  
Thence N 24°35'45" E, a distance of 34.88 feet;  
Thence N 58°14'47" W, a distance of 123.41 feet;  
Thence with a curve to the left with an arc length of 96.01 feet, with a radius of 183.33 feet, with a chord bearing of N 73°15'01" W, with a chord length of 94.92 feet;  
Thence N 88°15'15" W, a distance of 108.09 feet;  
Thence N 09°32'29" W, a distance of 50.69 feet;  
Thence N 69°10'18" E, a distance of 140.02 feet;  
Thence with a curve to the left with an arc length of 105.15 feet, with a radius of 294.42 feet, with a chord bearing of N 58°56'24" E, with a chord length of 104.59 feet;  
Thence with a curve to the right with an arc length of 264.08 feet, with a radius of 533.60 feet, with a chord bearing of N 62°53'10" E, with a chord length of 261.39 feet;  
Thence with a curve to the left with an arc length of 221.36 feet, with a radius of 199.39 feet, with a chord bearing of N 45°15'36" E, with a chord length of 210.17 feet;  
Thence N 13°27'23" E, a distance of 244.95 feet;  
Thence with a curve to the left with an arc length of 190.81 feet, with a radius of 184.53 feet, with a chord bearing of N 16°09'59" W, with a chord length of 182.42 feet;  
Thence N 45°47'21" W, a distance of 346.32 feet;  
Thence with a curve to the left with an arc length of 114.27 feet, with a radius of 74.99 feet, with a chord bearing of N 89°26'42" W, with a chord length of 103.53 feet;  
Thence S 46°53'56" W, a distance of 146.22 feet;  
Thence N 45°19'28" W, a distance of 666.90 feet;  
Thence N 46°03'04" E, a distance of 245.36 feet to a Capped Iron Rod found at the Southern Terminus of The Right-of-Way of Mud River Road;  
Thence S 46°35'51" E, along said Terminus Line, a distance of 15.02 feet;  
Thence S 46°03'04" W, leaving said Terminus Line, a distance of 215.68 feet;  
Thence S 45°19'28" E, a distance of 622.32 feet;  
Thence N 46°53'56" E, a distance of 117.36 feet;  
Thence with a curve to the right with an arc length of 159.99 feet, with a radius of 104.99 feet, with a chord bearing of S 89°26'42" E, with a chord length of 144.95 feet;  
Thence S 45°47'21" E, a distance of 346.32 feet;  
Thence with a curve to the right with an arc length of 221.83 feet, with a radius of 214.53 feet, with a chord bearing of S 16°09'59" E, with a chord length of 212.08 feet;  
Thence S 13°27'23" W, a distance of 244.95 feet;  
Thence with a curve to the right with an arc length of 254.66 feet, with a radius of 229.39 feet, with a chord bearing of S 45°15'36" W, with a chord length of 241.79 feet;  
Thence with a curve to the left with an arc length of 249.23 feet, with a radius of 503.60 feet, with a chord bearing of S 62°53'10" W, with a chord length of 246.69 feet;  
Thence with a curve to the right with an arc length of 115.87 feet, with a radius of 324.42 feet, with a chord bearing of S 58°56'24" W, with a chord length of 115.25 feet;  
Thence S 69°10'18" W, a distance of 31.93 feet;  
Thence S 09°32'29" E, a distance of 34.17 feet;  
Thence with a curve to the right with an arc length of 111.73 feet, with a radius of 213.33 feet, with a chord bearing of S 73°15'01" E, with a chord length of 110.45 feet;  
Thence S 58°14'47" E, a distance of 69.25 feet;  
Thence N 24°35'45" E, a distance of 28.60 feet;  
Thence S 65°24'15" E, a distance of 80.00 feet to the POINT OF BEGINNING.

Said Easement contains 2.14 Acres (93,243 Square Feet), more or less.



THE LAND CONSULTANTS  
5449 HIGHWAY 41  
JASPER, TN 37347  
423-304-6722

PREPARED FOR



TOWERCO<sup>®</sup>  
TOWERCO IV HOLDINGS, LLC  
5000 Valleystone Drive # 200,  
Cary NC 27519

(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
CK RUSSELLVILLE SE II

Site Number: KY0111

Mud River Church Road Russellville, KY 42276  
Logan County, Kentucky

DESCRIPTIONS

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
7  
OF  
8



TITLE EXAMINATION

Surveyor's treatment of Title Examination Items is limited to the scope described in ALTA/NSPS 2021 requirements, Section 6. C. ii., and is limited to determination of the extent of land, that Title Items may influence, if any. "Extent of Property" may be: Blanket in nature for a Parcel or Parcels (not subject to mapping, but assumed to also apply to Lessee's Areas (if any) insofar as these may lie on Parcel(s) influenced by instrument); specifically described by instrument (mapped and shown only if within the Surveyed Area). Determination of physical location may not be possible if: instrument is illegible; instrument lacks sufficient descriptive information; or instrument refers to other instruments which were not included in the title exam and not otherwise available to surveyor. Factors beyond physical location, such as the type of influence that "Restrictions, Covenants, Terms or Conditions" contained in instruments may impart upon Parcels or Lessee's Site or Easements are not evaluated by Land Surveyor. Review by Title Attorney may be warranted. Land Surveyors may not practice Law.)

Report issued in respect of the Lands conveyed to Yoder, see description, right.

Reference: Report of Title prepared by U.S. Title Solutions, File No. UST75684, dated July 27, 2023, Schedule III:

Item 1: Mortgages: None listed

Item 2: Judgments, etc: None listed

Item 3: Covenants & Restrictions

Item 3.1: Restrictions, Deed 440-31: Applies to property other then vesting lands.

Item 4: Easements & Rights-of-Way:

Item 4.1: Deed 465-32:

Item 4.3: Deed 315-343

Easements for Power Lines granted from lands of Morgan in a portion of said lands which are now a portion of the Vesting lands. Extents of Easement are not specified. Grant includes rights to clear vegetation within 20 feet of power lines. The portion of Vesting Lands which was previously a portion of Morgan lands in which this grant would apply lies in the Northwestern region of Vesting lands where power lines are located, as shown hereon.

Item 4.2: Access Easement, Deed 436-25: Access Easement granted by Miller to Morgan: Approx 50-foot Wide Access Easement granted by Miller to Morgan. Determination of exact location in not possible due to vagueness in the descriptions of tracts to which this easement is tied. Noted hereon is a gravel drive which appears to lie on lands which are now or formerly Miller and remaining Lands of Morgan (in the Northwest region of Vesting Lands. Survey cannot certify the Easement as granted was intended to serve this driveway, due to ambiguities in referenced descriptions.

Item 5: Other Instruments:

Item 5.1: Deed MC118-773

Telecom Lease to Kentucky RSA 3 Cellular Partnership. Lease area is the same as Lessee's Premises shown hereon. Access & Utility Easement is as shown hereon, running mostly within the Lessee's Access & Utility Easement #1 shown by this survey.

LEGAL DESCRIPTION OF PARENT PARCEL

PARCEL ONE

Tract One:

Unless stated otherwise, any monument referred to herein as a "set iron pin" is a 5/8" diameter steel reinforcing bar, eighteen inches in length with a plastic cap stamped "J.L. Harris P.L.S. 3148". All bearings stated herein are referred to found monumentation as described in Rosedale Farms boundary retracement performed by DDI Engineering dated November 06, 2013. Beginning at a set iron pin at the Southwest right of way terminus of the Mud River church Road, corner to Morgan (Deed Book 342, Page 566-Tract #2); thence leaving said right of way with the line of Morgan and then Wright (Deed Book 409, Page 781) S 49 degrees 00' 36" W 215.79 feet to a set iron pin: thence turning left S 42 degrees 21' 39" E 622.50 feet to a found axle; thence turning left N 36 degrees 31' 48" E 214.11 feet to a found iron pin (#2474); thence N 35 degrees 42' 13' E 20.52 feet to a found iron pin (#2474), corner to Wright (Deed Book 357, Page 805-Tract #3); thence turning right with the line of Wright S 43 degrees 10' 33" E 528.39 feet to a point in the line of Wright, corner of Rosedale Farms, LLC (deed Book 412, Page 372), said point located N 63 degrees 13' 59" E 1.93 feet from a found reference iron pin (#2474); thence turning right with the line of Rosedale Farms S 63 degrees 14' 18" W 52.12 feet to a set iron pin, a new corner; thence turning right on a new division line N 43 degrees 10' 33" W 398.80 feet to a set iron pin; thence turning left S 53 degrees 50' 46" W 233.18 feet to a set iron pin; thence turning right N 42 degrees 21' 39" W 683.56 feet to a set iron pin; thence turning right N 49 degrees 00' 36" E 266.34 feet to a set iron pin in said right of way terminus; thence turning right with said right of way 43 degrees 31' 48" E 15.01 feet to the point of beginning. Described parcel containing 1.78 acres as shown by survey performed by Jeffrey L. Harris, P.L.S. #3148 with Benchmark Land Surveying, dated February 13, 2017.

TRACT TWO

Tract A

A certain parcel of land lying in Logan County, Kentucky and more particularly described and bounded as follows: Beginning at stake in John Dawson's line; thence N 80 E 85 poles to a stake; thence N 31 E 13 poles to a rock; thence S 88 W 87 poles to a stake; thence S 18 W 20 poles to the beginning, containing 6 acres.

Tract B

A certain parcel of land lying in Logan County, Kentucky, about 5 miles Southeast of Russellville, and more particularly described and bounded as follows: Bounded on the North by the lands of the grantors, on the east by Thelma Stevenson, John Watlington and Ross Turner Townsend, and on the West by John Dockins, John Henry Morgan, Marvin Pillor and E.C. Price, Jr., same being a triangular tract of real estate and containing 64 acres more or less.

Tract C

A certain parcel of land lying in Logan county, Kentucky about 4 miles easterly from Russellville on the waters of Muddy River and ;more particularly described as follows: Beginning at a pile of rocks corner to Dawson; thence S 44 E 13 1/4 poles to a walnut corner to the same; thence S 18 W 9 poles to a stake; thence N 88 E 74 poles to a rock; thence N 59 W 85 poles to a stake in Maxwell's line; thence S 53 1/2 W 18 1/4 poles to two hickories; thence S 21 W 16 poles to the beginning, containing 11 acres more or less.

SUBJECT TO AN EASEMENT FROM MARVIN MILLER AND WIFE, SARAH MILLER TO JOHN MORGAN, DATED MARCH 9, 2017, AND RECORDED IN DEED BOOK 436, PAGE 25, OFFICE OF THE LOGAN COUNTY CLERK.

THERE IS EXCEPTED FROM THE ABOVE DESCRIBED PROPERTY A 0.230 TRACT WITH A 20 FOOT ACCESS AND UTILITY EASEMENT THAT IS LEASED TO BLUEGRASS CELLUAR; RECORDED IN MISCELLANEOUS BOOK 118, PAGE 773, AND RETAINED BY THE GRANTOR.

NOTES:

Aforesaid Property was conveyed from Marvin J. Miller & Sarah Miller Family Trust to David Yoder and Brenda Yoder, by Deed D458-371, as described above. The Surveyor finds the language of the excepted portion to be open to interpretation, with regard to intended extent of excepted lands. Specifically it is not clear if the portion to be excepted is only the 0.23-acre Lease Tract, or if that statement "with a 20-foot Access and Utility Easement" indicates the intent to except also the lands underlying said Easement to be retained by Miller Family Trust. It is thus unclear if the vesting lands of the Lessee's Access & Utility Easement to be created, as shown on this survey, are solely lands of Yoder, or are portions of the lands of Yoder and of lands retained by Miller.



THE  
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LLC  
5449 HIGHWAY 41  
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423-304-6722

PREPARED FOR



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(Not a Boundary Survey of Parent Lands. Not intended for fee simple Land Transfer)

SITE SURVEY  
CK RUSSELLVILLE SE II  
Site Number: KY0111

Mud River Church Road Russellville, KY 42276  
Logan County, Kentucky

TITLE

DWG#: 23279  
ISSUE #: 2  
ISSUE DATE: 02-25-2025  
SEE SHEET #1

SHEET  
8  
OF  
8







1  
DAVID AND BRENDA YODER  
3941 MIDDLETON RD  
AUBURN, KY 42206  
PARCEL NUMBER: 097-00-00-026-01

2  
JOHN H & ELIZABETH MORGAN  
130 LOST CITY RD  
RUSSELLVILLE, KY 42276  
PARCEL NUMBER:  
097-00-00-026-00

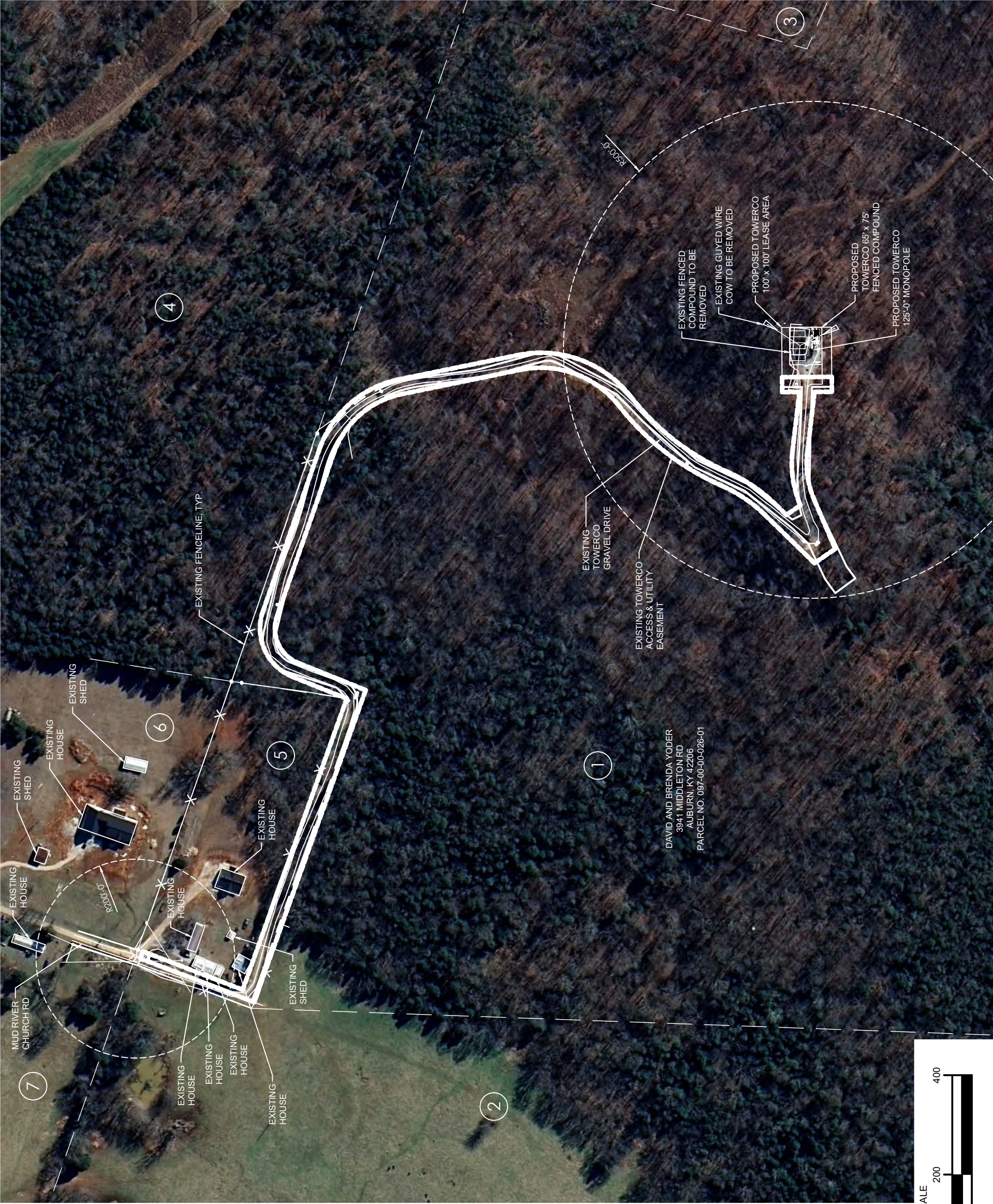
3  
DAVID L & BRENDA G YODER  
3941 MIDDLETON RD  
AUBURN, KY 42206  
PARCEL NUMBER: 111-00-00-019-02

4  
DAVID L & BRENDA G YODER  
3941 MIDDLETON RD  
AUBURN, KY 42206  
PARCEL NUMBER: 111-00-00-003-07

5  
JOEY WRIGHT  
1392 PO BOX  
RUSSELLVILLE, KY 42276  
PARCEL NUMBER: 097-00-00-010-02

6  
NATHANIEL IRVIN & PAGE ZOEE  
5893 SCOTTSVILLE RD #15  
BOWLING GREEN, KY 42104-0423  
PARCEL NUMBER: 097-00-00-010-04

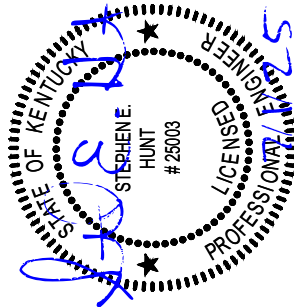
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VIRGINIA MORGAN JOHNSON  
1312 CONCORD RD  
RUSSELLVILLE, KY 42276  
PARCEL NUMBER: 097-00-00-010-00



THE INFORMATION CONTAINED IN  
THIS SET OF DOCUMENTS IS  
PROPRIETARY BY NATURE. ANY USE  
OR DISCLOSURE OTHER THAN THAT  
WHICH RELATES TO THE CLIENT IS  
STRICTLY PROHIBITED.

DRAWN BY	JAЕ
CHECKED BY	SEH

REVISIONS			
2	07/01/25	JAЕ	ZONING REVIEW
1	05/05/25	MDR	ZONING REVIEW
0	03/04/25	JAЕ	ZONING REVIEW
A	02/26/25	JAЕ	ZONING REVIEW
#	DATE	BY	DESCRIPTION



TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	1BD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	OVERALL SITE LAYOUT
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DRAWING # :	Z2	REVISION :	2
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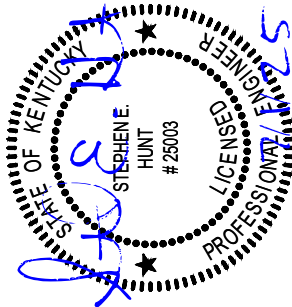


1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

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DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS				
2	07/01/25	JAE		ZONING REVIEW
1	05/05/25	MDR		ZONING REVIEW
0	03/04/25	JAE		ZONING REVIEW
A	02/26/25	JAE		ZONING REVIEW
#	DATE	BY		DESCRIPTION

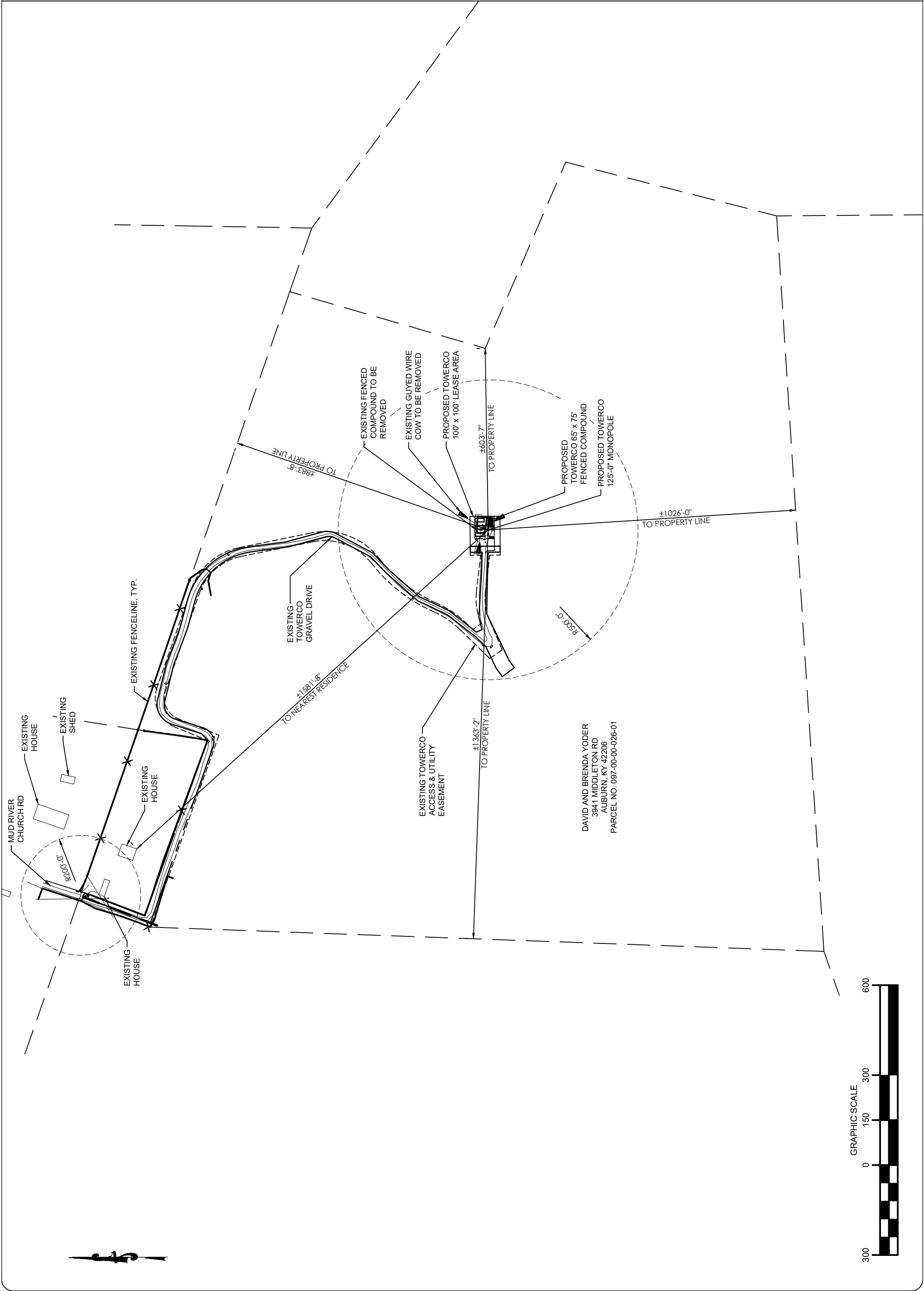


TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	18D MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	OVERALL SITE PLAN
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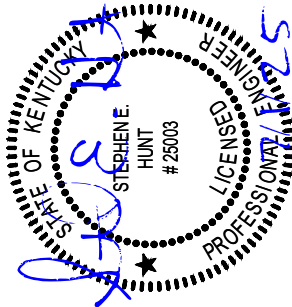


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DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS			
2	07/01/25	JAE	ZONING REVIEW
1	05/05/25	MDR	ZONING REVIEW
0	03/04/25	JAE	ZONING REVIEW
A	02/26/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION

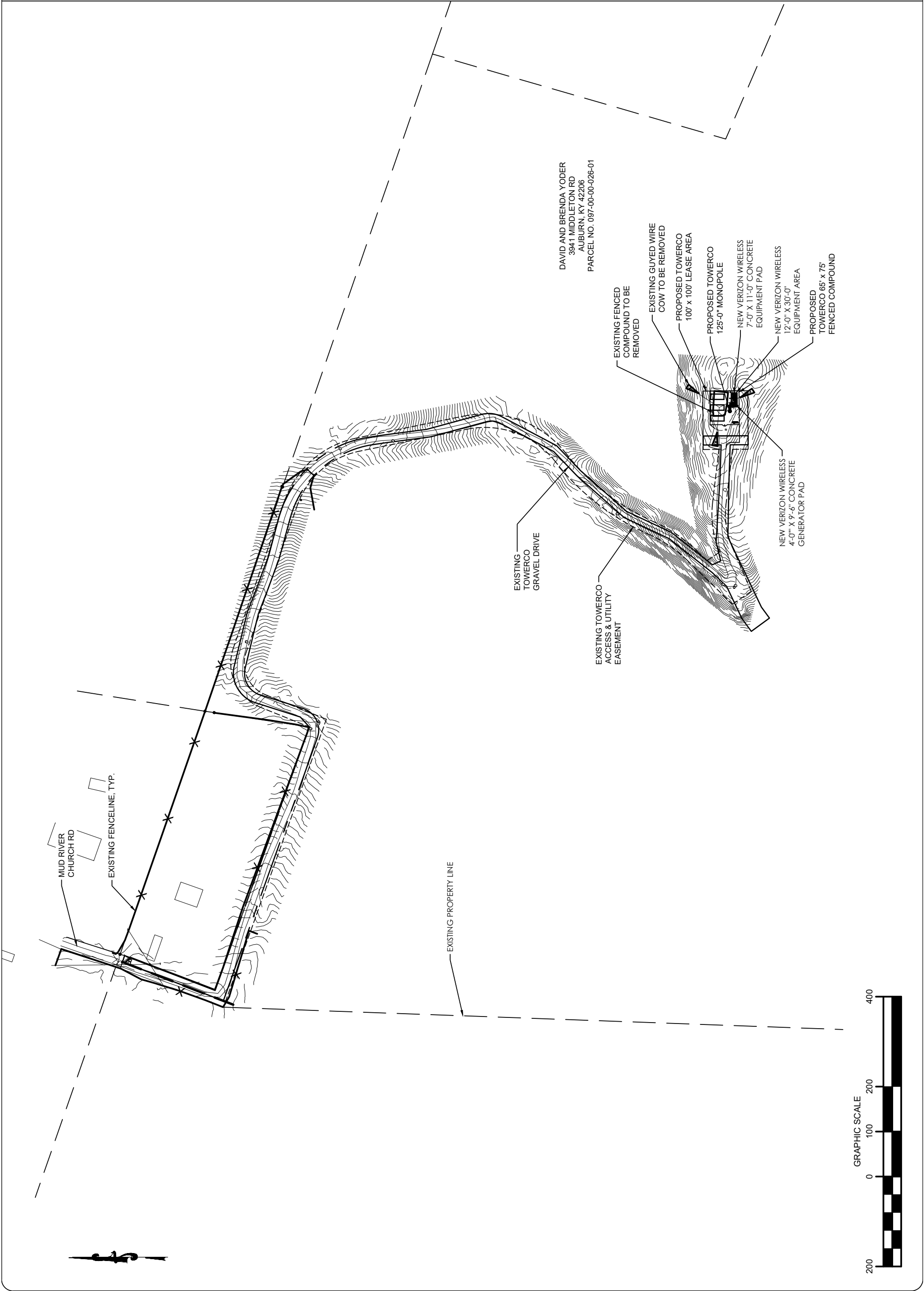


TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	1BD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	EROSION CONTROL SITE PLAN
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DRAWING # :	Z4	REVISION :	2
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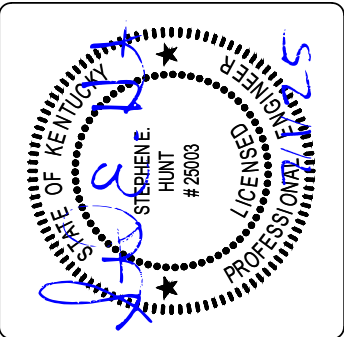


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DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS			
2	07/01/25	JAE	ZONING REVIEW
1	05/05/25	MDR	ZONING REVIEW
0	03/04/25	JAE	ZONING REVIEW
A	02/26/25	JAE	ZONING REVIEW
#	DATE	BY	DESCRIPTION

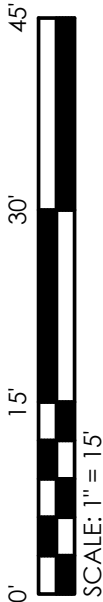
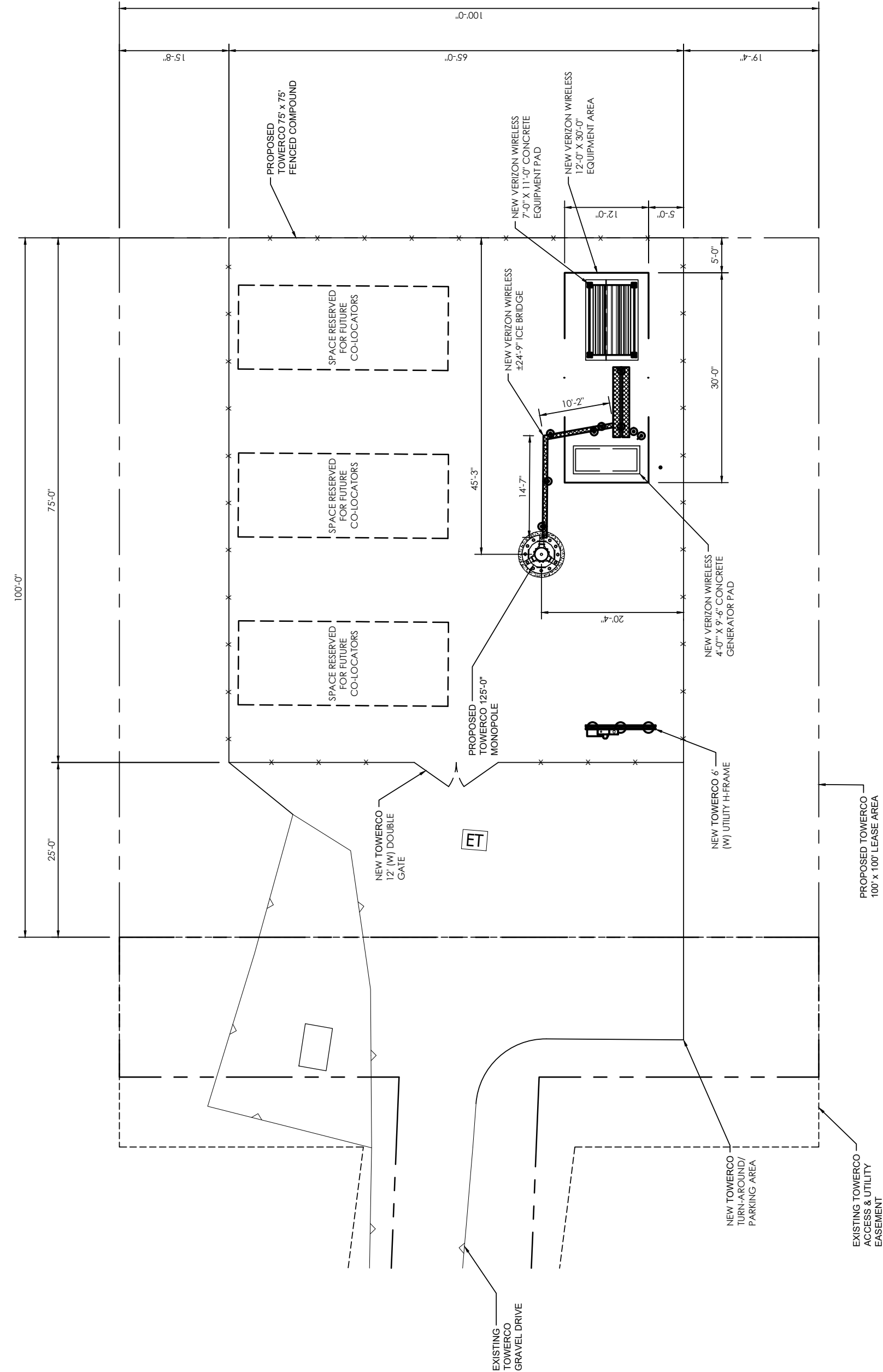


TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	1BD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	DIMENSION SITE PLAN
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DRAWING # :	Z5	REVISION :	2
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TeleCAD

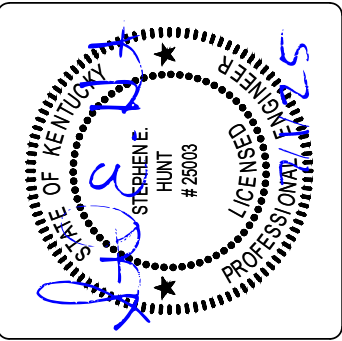
Wireless

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CHECKED BY	SEH

REVISIONS				
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1	05/05/25	MDR	ZONING REVIEW	
0	03/04/25	JAE	ZONING REVIEW	
A	02/26/25	JAE	ZONING REVIEW	
#	DATE	BY	DESCRIPTION	

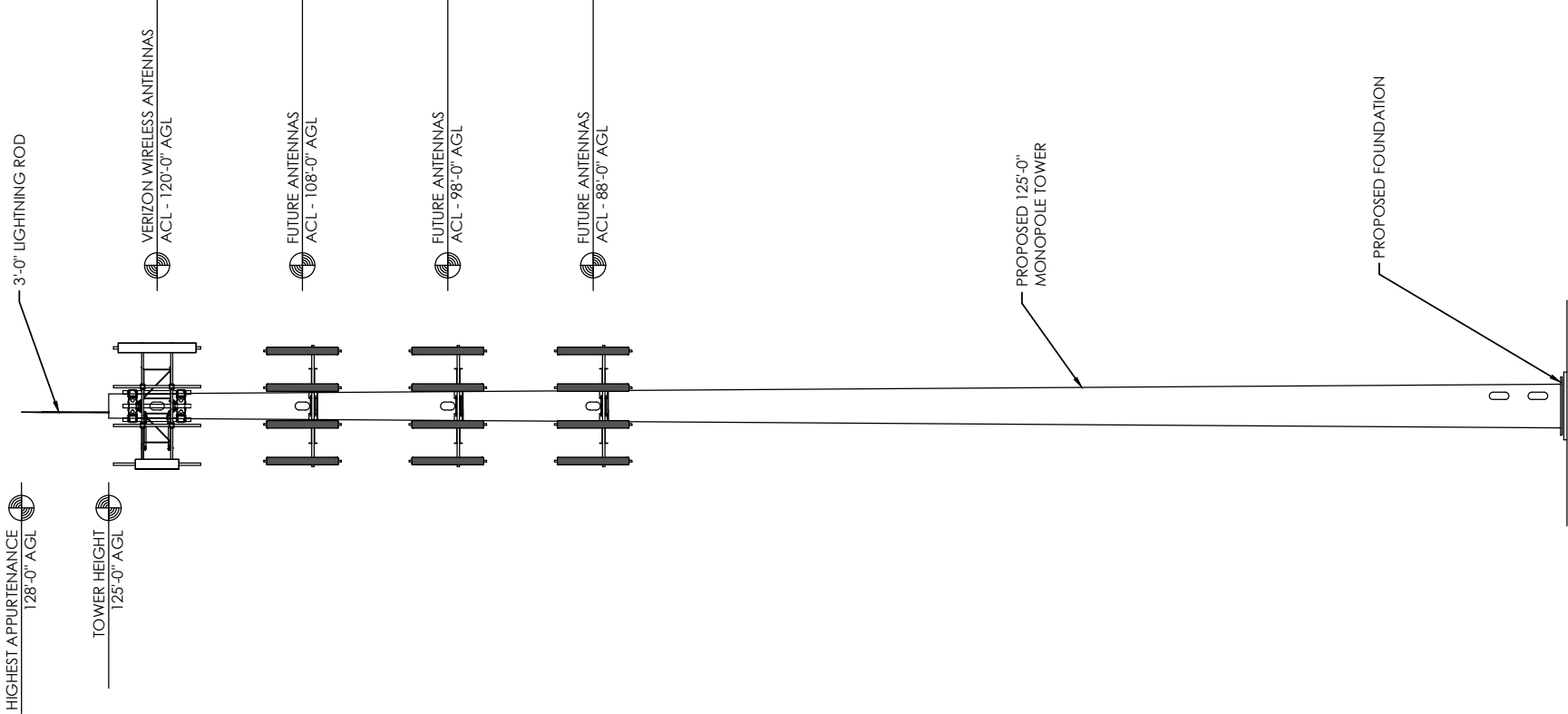


TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	TBD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	TOWER ELEVATION
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DRAWING # :	Z6	REVISION :	2
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TOWER ELEVATION  
NTS

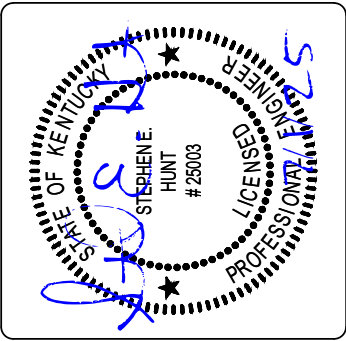


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CHECKED BY	SEH

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1	05/05/25	MDR	ZONING REVIEW	
0	03/04/25	JAE	ZONING REVIEW	
A	02/26/25	JAE	ZONING REVIEW	
#	DATE	BY	DESCRIPTION	

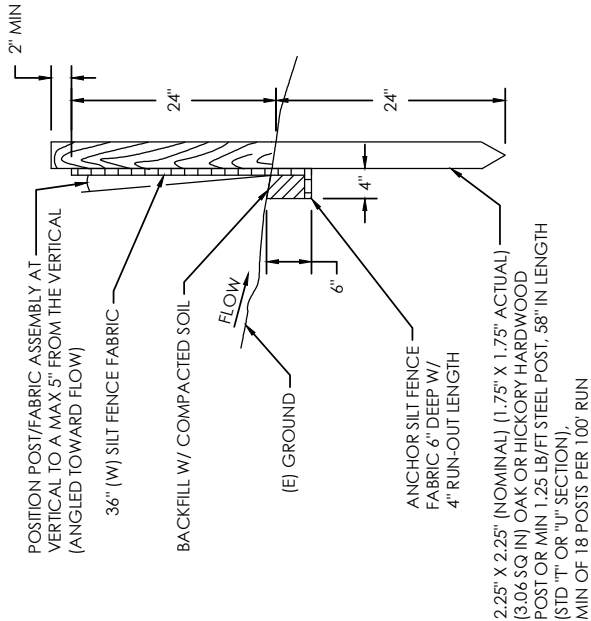


TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

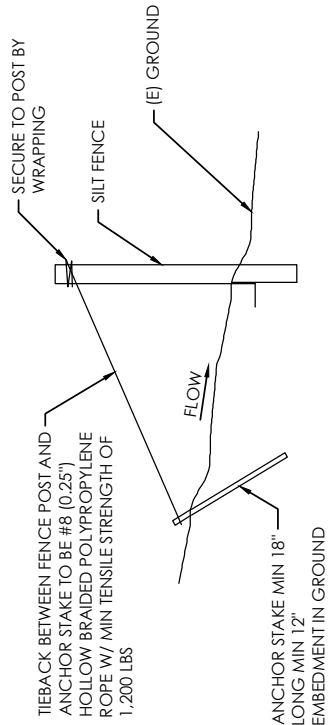
SITE ADDRESS :	1BD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	SITE DETAILS
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DRAWING # :	Z7	REVISION :	2
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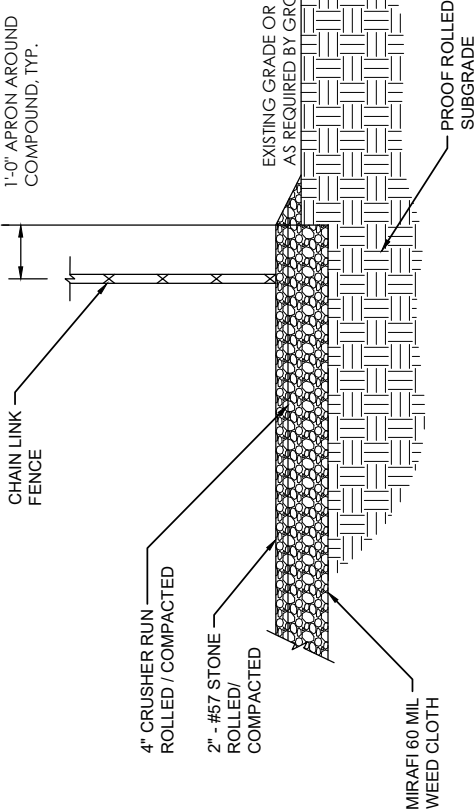
SECTIONAL VIEW



SILT FENCE TIEBACK FOR STEEL OR WOOD POSTS

SILT FENCE DETAIL 1

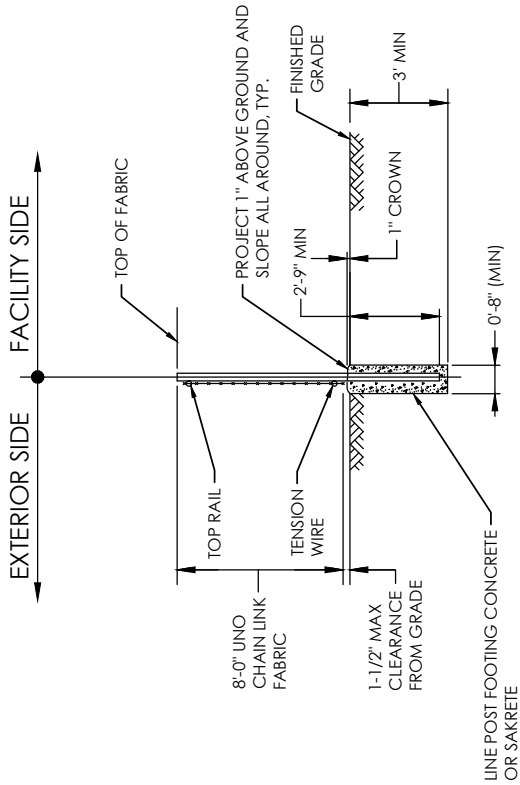
N/S



COMPOUND SURFACING 2

N/S

- TYPICAL WOVEN WIRE FENCING NOTES:**  
(INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)
- GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 3"Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 7 FEET OR 14 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
  - LINE POST: 2"Ø SCHEDULE 40 PIPE PER ASTM-F1083. INSTALL EVERY 8'-0" ALONG FENCE LINE.
  - GATE FRAME: 1-1/2"Ø SCHEDULE 40 PIPE, STEEL, HOT-DIPPED ZINC COATED (GALVANIZED), WELDED STEEL PIPE PER ASTM-F1083.
  - TOP RAIL & BRACE RAIL: 1-5/8"Ø SCHEDULE 40 PIPE PER ASTM-F1083.
  - CHAIN LINK FABRIC: 9 GA. MIN. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
  - TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL. INSTALL A SINGLE WRAP TIE WIRE AT POSTS AND RAILS AT MAX. 24" INTERVALS. INSTALL HOG RINGS ON TENSION WIRE AT 24" INTERVALS.
  - TENSION WIRE: 7 GA. GALVANIZED STEEL.
  - GATE LATCH: 1-3/8" OD PLUNGER ROD W/ MUSHROOM TYPE CATCH AND LOCK (KEYED ALIKE FOR ALL SITES OR COMBINATION AS SPECIFIED BY OWNER)
  - HEIGHT= 8' VERTICAL. WORK WITH SPECIFICATION 2831.



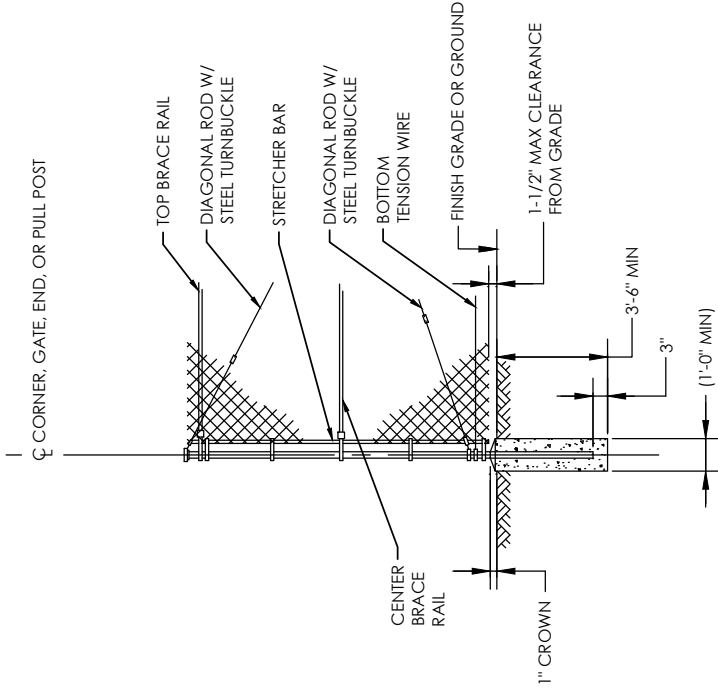
TYPICAL SECTION

**WOVEN WIRE FENCE** ①

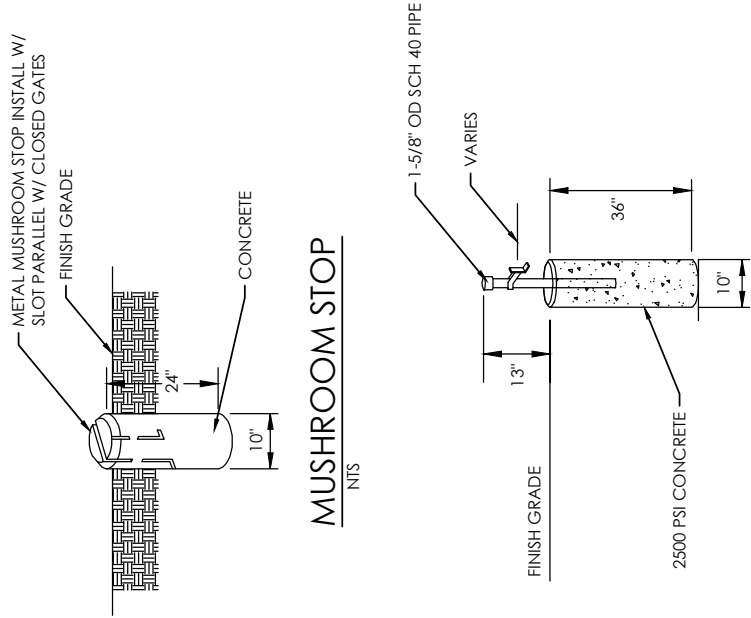
NTS

**WOVEN WIRE CORNER, GATE, END OR PULL POST** ②

NTS



②

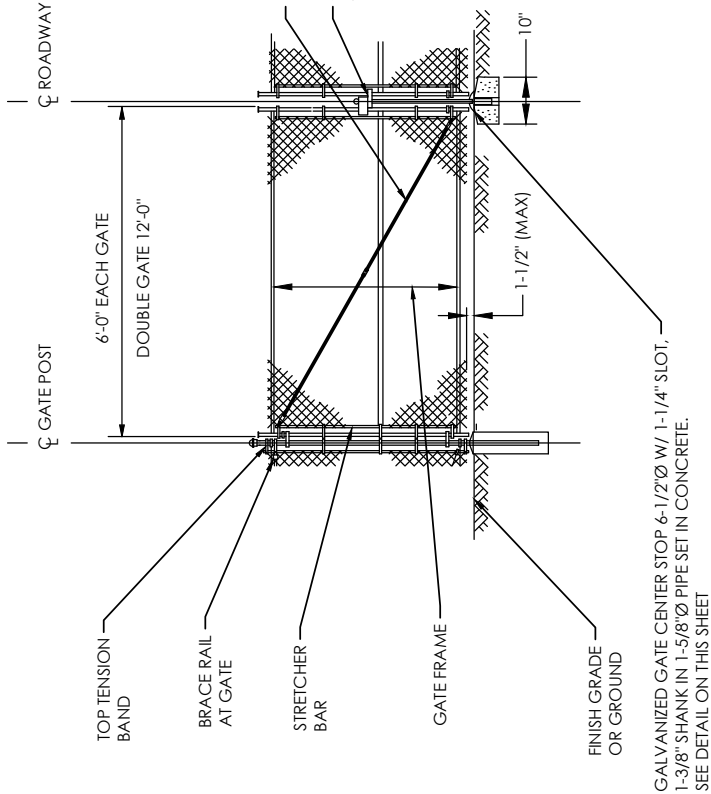


**MUSHROOM STOP**

NTS

**GATE STOP DETAIL**

NTS



**WOVEN WIRE DOUBLE GATE** ③

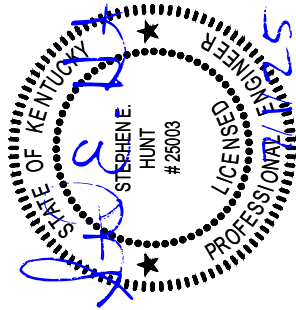
NTS



THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS	
2	07/01/25 JAE ZONING REVIEW
1	05/05/25 MDR ZONING REVIEW
0	03/04/25 JAE ZONING REVIEW
A	02/26/25 JAE ZONING REVIEW
#	DATE BY DESCRIPTION



TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	1BD MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

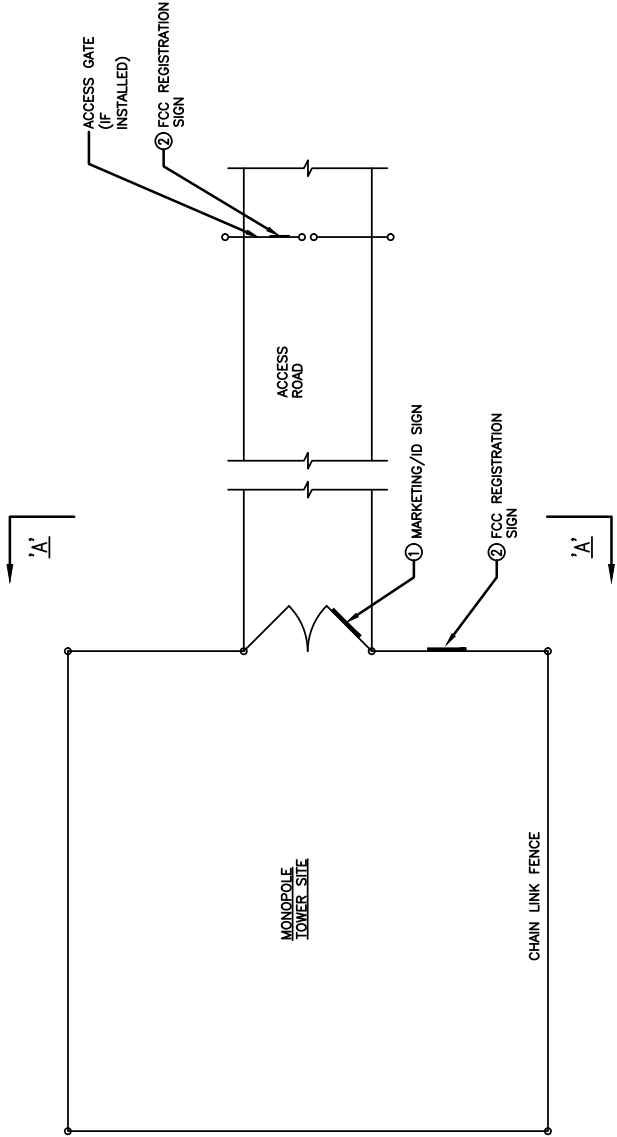
SHEET TITLE :	SITE DETAILS
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DRAWING # :	Z8	REVISION :	2
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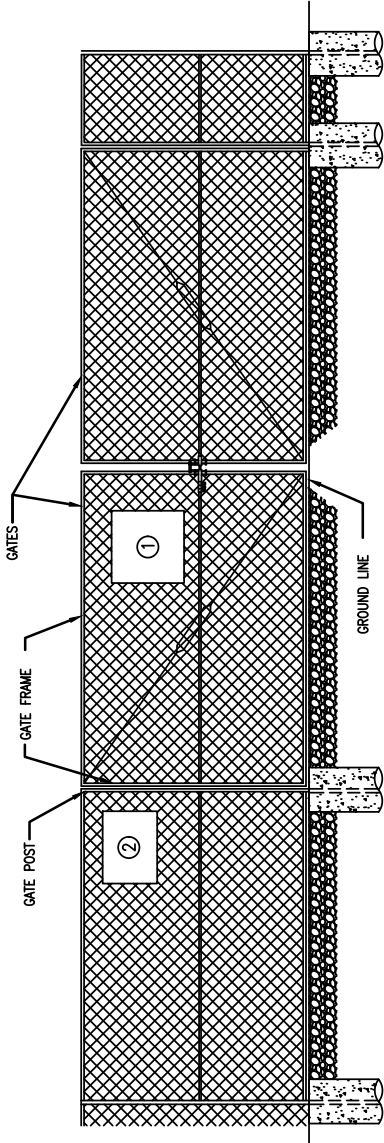
NOTES:

VERIZON WIRELESS SITE ID SIGN, REF SIGNS, NOC INFORMATION SIGN AND ALL OTHER SIGNAGE NOT REFERENCED IN THIS DRAWING WILL BE FURNISHED AND INSTALLED BY VERIZON WIRELESS PERSONNEL PER VERIZON WIRELESS RFC SIGNAGE & DEMARCATION POLICY.



TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A-A"

SCALE: N. T. S.

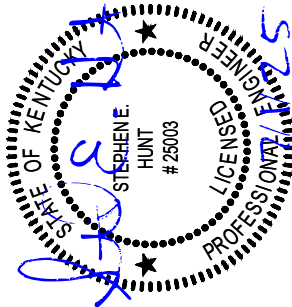


1961 NORTHPOINT BLVD.  
SUITE 130  
HIXSON, TN 37343  
PH : 423-843-9500  
FAX : 423-843-9509

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DRAWN BY	JAE
CHECKED BY	SEH

REVISIONS				
2	07/01/25	JAE		ZONING REVIEW
1	05/05/25	MDR		ZONING REVIEW
0	03/04/25	JAE		ZONING REVIEW
A	02/26/25	JAE		ZONING REVIEW
#	DATE	BY		DESCRIPTION



TOWERCO SITE #:	KY-00783
TOWERCO SITE NAME :	CK RUSSELLVILLE SE
FUZE ID :	17345984

SITE ADDRESS :	18D MUDD RIVER CHURCH RD RUSSELLVILLE, KY 42276
SITE TYPE:	RAWLAND

SHEET TITLE :	SITE DETAILS
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DRAWING # :	Z9	REVISION :	2
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**Structural Design Report**  
125' Monopole  
Site: CK Russellville SE II Cow Relo, KY  
Site Number: KY0111

Prepared for: TOWERCO LLC  
by: Sabre Industries™

Job Number: 25-4488-JDS-R1

**May 15, 2025**

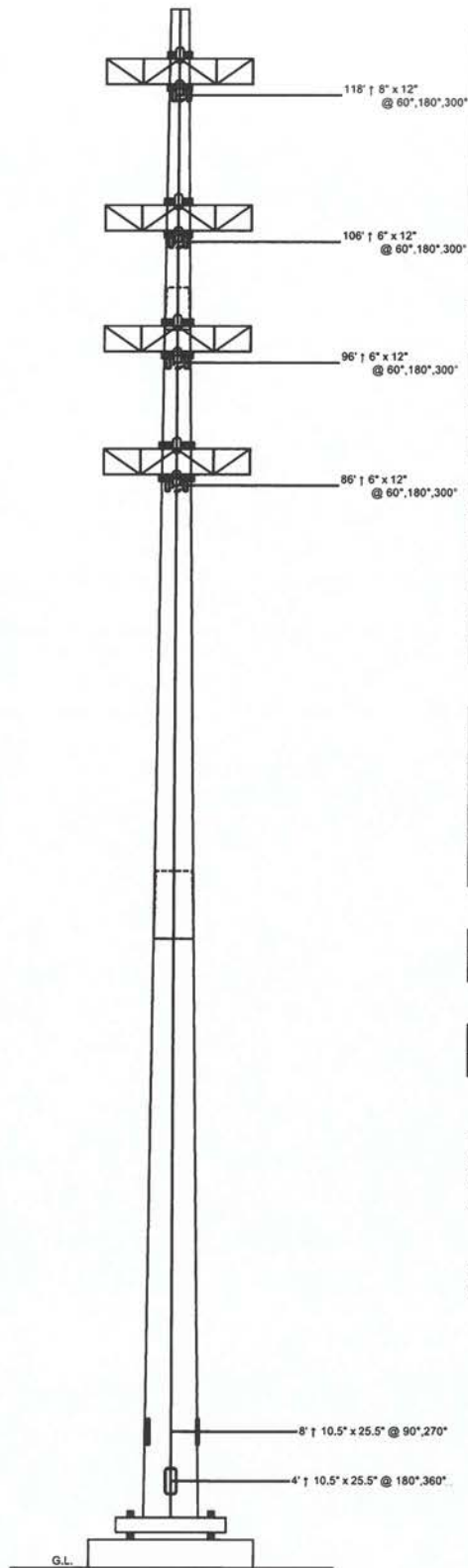
<b>Monopole Profile.....</b>	<b>1</b>
<b>Pole Calculations.....</b>	<b>2-15</b>



Digitally Signed By Robert Beacom  
DN:  
C=US,SERIALNUMBER=MAS202  
50205984402,ST=Texas,L=Alvarad  
o,2.5.4.97=NTRUS\+DE-  
4349737,O=SABRE  
INDUSTRIES\, INC.,CN=Robert  
Beacom Date: 2025.05.15 09:05:26



Length (ft)	53'-3"	53'-6"	18	26'-3"
Number Of Sides	7/16"	3/8"	1/4"	17"
Thickness (in)	7/16"	3/8"	1/4"	17"
Lap Splice (ft)	37.24"	23.41"	39.68"	24.97"
Top Diameter (in)	53.41"	0.3037	A572-45	1746
Bottom Diameter (in)	13638	7331	124	
Taper (in/ft)				
Grade				
Weight (lbs)				
Overall Steel Height (ft)				



### Designed Appurtenance Loading

Elev	Description	Tx-Line
120	3 EHD V-Boom - 12ft Face - 3ft Standoff	
120	(1) 42,000 Sq. Inches (12,000 lbs) (below top)	(18) 1 5/8"
108	3 EHD V-Boom - 12ft Face - 3ft Standoff	
108	(1) 20,000 sq. in. (4000 lbs) (below top)	(12) 1 5/8"
98	3 EHD V-Boom - 12ft Face - 3ft Standoff	
98	(1) 20,000 sq. in. (4000 lbs) (below top)	(12) 1 5/8"
88	3 EHD V-Boom - 12ft Face - 3ft Standoff	
88	(1) 13,500 sq in (3,000 lbs) (below top)	(12) 1 5/8"

### Design Criteria - ANSI/TIA-222-G

Ultimate Wind Speed (No Ice)	115 mph
Wind Speed (Ice)	30 mph
Design Ice Thickness	0.75 in
Structure Class	II
Risk Category	II
Exposure Category	C
Topographic Category	3
Crest Height	206 ft
Seismic Importance Factor, I <sub>e</sub>	1.00
0.2-sec Spectral Response, S <sub>s</sub>	0.336 g
1-sec Spectral Response, S <sub>1</sub>	0.154 g
Site Class	D (DEFAULT)
Seismic Design Category	D
Basic Seismic Force-Resisting System	Telecommunication Tower (Pole: Steel)

### Limit State Load Combination Reactions

Load Combination	Axial (kips)	Shear (kips)	Moment (ft-k)	Deflection (ft)	Sway (deg)
1.2 D + 1.0 W <sub>o</sub>	65.49	52.51	5066.7	9.37	8.34
0.9 D + 1.0 W <sub>o</sub>	49.06	52.41	4965.1	9.1	8.07
1.2 D + 1.0 D <sub>i</sub> + 1.0 W <sub>i</sub>	129.09	6.93	729.34	1.43	1.28
1.2 D + 1.0 E <sub>v</sub> + 1.0 E <sub>h</sub>	69.09	2.67	306.02	0.62	0.57
0.9 D + 1.0 E <sub>v</sub> + 1.0 E <sub>h</sub>	45.28	2.67	297.4	0.6	0.54
1.0 D + 1.0 W <sub>o</sub> (Service @ 60 mph)	54.53	13.31	1274.88	2.38	2.1

### Base Plate Dimensions

Shape	Diameter	Thickness	Bolt Circle	Bolt Qty	Bolt Diameter
Round	66"	2.25"	60.25"	18	2.25"

### Anchor Bolt Dimensions

Length	Diameter	Hole Diameter	Weight	Type	Finish
84"	2.25"	2.625"	2179.8	A615-75	Galv

### Notes

- 1) Antenna Feed Lines Run Inside Pole
- 2) All dimensions are above ground level, unless otherwise specified.
- 3) Weights shown are estimates. Final weights may vary.
- 4) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2015 International Building Code.
- 5) Full Height Step Bolts
- 6) Tower Rating: 96.2%



**Sabre Industries**  
7101 Southbridge Drive  
P.O. Box 658  
Sioux City, IA 51102-0658  
Phone (712) 258-6690  
Fax (712) 279-0814

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Job: **25-4488-JDS-R1**  
Customer: **TOWERCO LLC**  
Site Name: **CK Russellville SE II Cow Relo, KY KY0111**  
Description: **125' Monopole**  
Date: **5/15/2025** By: **REB**

=====

(USA 222-G) - Monopole Spatial Analysis (c)2015 Guymast Inc.

Tel: (416) 736-7453 Fax: (416) 736-4372 Web: www.guymast.com

Processed under license at:

Sabre Towers and Poles on: 15 may 2025 at: 8:58:59

=====

125' Monopole / CK Russellville SE II Cow Relo, KY

\* All pole diameters shown on the following pages are across corners.  
See profile drawing for widths across flats.

POLE GEOMETRY

ELEV ft	SECTION NAME	No. SIDE	OUTSIDE DIAM in	THICK -NESS in	RESISTANCES **Pn **Mn kip ft-kip	SPLICE TYPE	...OVERLAP... LENGTH ft	RATIO	w/t
124.0	A	18	17.26	0.250	987.4 337.9				
			24.27	0.250	1394.3 676.5				10.2
101.2	A/B	18	24.27	0.250	1394.3 676.5	SLIP	3.50	1.72	
			24.86	0.375	2131.5 1049.0				
97.7	B	18	24.86	0.375	2131.5 1049.0				9.7
			38.56	0.375	3321.8 2563.8				
53.2	B/C	18	38.56	0.375	3321.8 2563.8	SLIP	5.50	1.70	
			39.52	0.438	3970.0 3131.6				
47.7	C	18	39.52	0.438	3970.0 3131.6				13.9
			54.23	0.438	5174.0 5635.3				
0.0									

POLE ASSEMBLY

SECTION NAME	BASE ELEV ft	BOLTS NUMBER	AT BASE TYPE	OF SECTION DIAM in	STRENGTH ksi	THREADS IN SHEAR PLANE	CALC BASE ELEV ft
A	97.750	0	A325	0.00	92.0	0	97.750
B	47.750	0	A325	0.00	92.0	0	47.750
C	0.000	0	A325	0.00	92.0	0	0.000

POLE SECTIONS

SECTION NAME	No. of SIDES	LENGTH ft	OUTSIDE DIAMETER BOT * in	DIAMETER TOP * in	BEND RAD in	MAT- ERIAL ID	FLANGE BOT	FLANGE TOP	FLANGE WELD GROUP ID BOT TOP
A	18	26.25	25.36	17.26	0.000	1	0	0	0 0
B	18	53.50	40.27	23.77	0.000	2	0	0	0 0
C	18	53.25	54.23	37.81	0.000	3	0	0	0 0

\* - Diameter of circumscribed circle

MATERIAL TYPES

TYPE OF SHAPE	TYPE NO	NO OF ELEM.	ORIENT	HEIGHT	WIDTH	.THICKNESS. WEB FLANGE	IRREGULARITY .PROJECTION. % OF ORIENT AREA
------------------	------------	----------------	--------	--------	-------	---------------------------	---

			& deg	in	in	in	in		deg
PL	1	1	0.0	25.36	0.25	0.250	0.250	0.00	0.0
PL	2	1	0.0	40.27	0.38	0.375	0.375	0.00	0.0
PL	3	1	0.0	54.23	0.44	0.438	0.438	0.00	0.0

& - With respect to vertical

#### MATERIAL PROPERTIES

=====

MATERIAL TYPE NO.	ELASTIC MODULUS ksi	UNIT WEIGHT pcf	.. STRENGTH .. Fu ksi	Fy ksi	THERMAL COEFFICIENT /deg
1	29000.0	490.0	80.0	65.0	0.00001170
2	29000.0	490.0	80.0	65.0	0.00001170
3	29000.0	490.0	80.0	65.0	0.00001170

\* Only 5 condition(s) shown in full

=====

#### LOADING CONDITION A

115 mph Ultimate wind with no ice. Wind Azimuth: 0° (1.2 D + 1.0 Wo)

#### LOADS ON POLE

=====

LOAD TYPE	ELEV ft	APPLY. RADIUS ft	LOAD..AT AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	119.000	0.00	0.0	0.0	0.0000	2.6732	0.0000	0.0000
C	119.000	0.00	0.0	0.0	15.2119	16.2396	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0000	1.6024	0.0000	0.0000
C	107.000	0.00	0.0	0.0	7.9122	6.6396	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0000	1.4527	0.0000	0.0000
C	97.000	0.00	0.0	0.0	8.0016	6.6396	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0000	1.3029	0.0000	0.0000
C	87.000	0.00	0.0	0.0	5.8302	5.4396	0.0000	0.0000
D	124.000	0.00	180.0	0.0	0.0580	0.0560	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0792	0.0750	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0831	0.1932	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0831	0.1932	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0869	0.1222	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.1319	0.1778	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.1391	0.4003	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.1391	0.4003	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.1452	0.2236	0.0000	0.0000
D	11.937	0.00	180.0	0.0	0.1681	0.2745	0.0000	0.0000
D	11.937	0.00	180.0	0.0	0.1763	0.2847	0.0000	0.0000
D	5.969	0.00	180.0	0.0	0.1763	0.2847	0.0000	0.0000
D	5.969	0.00	180.0	0.0	0.1897	0.2949	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.1897	0.2949	0.0000	0.0000

=====

#### LOADING CONDITION M

115 mph Ultimate wind with no ice. Wind Azimuth: 0° (0.9 D + 1.0 Wo)

#### LOADS ON POLE

=====

LOAD TYPE	ELEV ft	APPLY. RADIUS ft	LOAD..AT AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	119.000	0.00	0.0	0.0	0.0000	2.0049	0.0000	0.0000
C	119.000	0.00	0.0	0.0	15.2119	12.1797	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0000	1.2018	0.0000	0.0000



C	107.000	0.00	0.0	0.0	7.9122	4.9797	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0000	1.0895	0.0000	0.0000
C	97.000	0.00	0.0	0.0	8.0016	4.9797	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0000	0.9772	0.0000	0.0000
C	87.000	0.00	0.0	0.0	5.8302	4.0797	0.0000	0.0000
D	124.000	0.00	180.0	0.0	0.0580	0.0420	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0792	0.0562	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0831	0.1449	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0831	0.1449	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0869	0.0916	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.1319	0.1334	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.1391	0.3002	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.1391	0.3002	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.1452	0.1677	0.0000	0.0000
D	11.937	0.00	180.0	0.0	0.1681	0.2059	0.0000	0.0000
D	11.937	0.00	180.0	0.0	0.1763	0.2135	0.0000	0.0000
D	5.969	0.00	180.0	0.0	0.1763	0.2135	0.0000	0.0000
D	5.969	0.00	180.0	0.0	0.1897	0.2211	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.1897	0.2211	0.0000	0.0000

LOADING CONDITION Y

30 mph wind with 0.75 ice. Wind Azimuth: 0° (1.2 D + 1.0 Di + 1.0 Wi)

LOADS ON POLE

=====

LOAD TYPE	ELEV ft	APPLY RADIUS ft	LOAD AT AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	119.000	0.00	0.0	0.0	0.0000	2.6732	0.0000	0.0000
C	119.000	0.00	0.0	0.0	1.9011	41.3648	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0000	1.6024	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.9895	16.5840	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0000	1.4527	0.0000	0.0000
C	97.000	0.00	0.0	0.0	1.0013	16.5976	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0000	1.3029	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.7937	13.5024	0.0000	0.0000
D	124.000	0.00	180.0	0.0	0.0092	0.1016	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0121	0.1347	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0126	0.2554	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0126	0.2554	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0131	0.1868	0.0000	0.0000
D	91.393	0.00	180.0	0.0	0.0131	0.1868	0.0000	0.0000
D	91.393	0.00	180.0	0.0	0.0141	0.2007	0.0000	0.0000
D	85.036	0.00	180.0	0.0	0.0141	0.2007	0.0000	0.0000
D	85.036	0.00	180.0	0.0	0.0150	0.2146	0.0000	0.0000
D	78.679	0.00	180.0	0.0	0.0150	0.2146	0.0000	0.0000
D	78.679	0.00	180.0	0.0	0.0160	0.2284	0.0000	0.0000
D	72.321	0.00	180.0	0.0	0.0160	0.2284	0.0000	0.0000
D	72.321	0.00	180.0	0.0	0.0171	0.2423	0.0000	0.0000
D	65.964	0.00	180.0	0.0	0.0171	0.2423	0.0000	0.0000
D	65.964	0.00	180.0	0.0	0.0181	0.2561	0.0000	0.0000
D	59.607	0.00	180.0	0.0	0.0181	0.2561	0.0000	0.0000
D	59.607	0.00	180.0	0.0	0.0191	0.2699	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0191	0.2699	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0200	0.4965	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.0200	0.4965	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.0202	0.3260	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.0259	0.4086	0.0000	0.0000

LOADING CONDITION AK

Seismic - Azimuth: 0° (1.2 D + 1.0 Ev + 1.0 Eh)

LOADS ON POLE

=====

LOAD TYPE	ELEV	APPLY RADIUS	LOAD AT AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ	DOWN	VERTICAL	TORSNAL

	ft	ft			kip	kip	ft-kip	ft-kip
C	119.000	0.00	0.0	0.0	1.0853	17.1680	0.0000	0.0000
C	119.000	0.00	0.0	0.0	0.1787	2.8260	0.0000	0.0000
C	110.880	0.00	0.0	0.0	0.1020	1.8591	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.3588	7.0192	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0866	1.6941	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.2948	7.0192	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0645	1.5357	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.1943	5.7506	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0465	1.3775	0.0000	0.0000
C	74.500	0.00	0.0	0.0	0.2117	8.5447	0.0000	0.0000
C	26.620	0.00	0.0	0.0	0.0452	14.2940	0.0000	0.0000
D	124.000	0.00	180.0	180.0	0.0000	0.0000	0.0000	0.0000
D	0.000	0.00	180.0	180.0	0.0000	0.0000	0.0000	0.0000

LOADING CONDITION AL

Seismic - Azimuth: 0° (0.9 D - 1.0 Ev + 1.0 Eh)

#### LOADS ON POLE

LOAD TYPE	ELEV ft	APPLY. RADIUS ft	LOAD AT AZI	LOAD AZI	FORCES		MOMENTS	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	119.000	0.00	0.0	0.0	1.0853	11.2513	0.0000	0.0000
C	119.000	0.00	0.0	0.0	0.1787	1.8521	0.0000	0.0000
C	110.880	0.00	0.0	0.0	0.1020	1.2184	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.3588	4.6001	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0866	1.1103	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.2948	4.6001	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0645	1.0065	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.1943	3.7687	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0465	0.9027	0.0000	0.0000
C	74.500	0.00	0.0	0.0	0.2117	5.5998	0.0000	0.0000
C	26.620	0.00	0.0	0.0	0.0452	9.3678	0.0000	0.0000
D	124.000	0.00	180.0	180.0	0.0000	0.0000	0.0000	0.0000
D	0.000	0.00	180.0	180.0	0.0000	0.0000	0.0000	0.0000

(USA 222-G) - Monopole Spatial Analysis

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on: 15 may 2025 at: 8:58:59

125' Monopole / CK Russellville SE II Cow Relo, KY

#### MAXIMUM POLE DEFORMATIONS CALCULATED (w.r.t. wind direction)

MAST ELEV ft	DEFLECTIONS (ft)			ROTATIONS (deg)		
	HORIZONTAL ALONG	ACROSS	DOWN	TILT ALONG	ACROSS	TWIST
124.0	9.37H	0.04Q	0.98H	8.34H	0.04Q	0.00E
120.7	8.90H	0.04Q	0.91H	8.34H	0.04Q	0.00E
117.5	8.44H	0.04Q	0.85H	8.33H	0.04Q	0.00E
114.2	7.98H	0.04Q	0.78H	8.26H	0.04Q	0.00E
111.0	7.52H	0.04Q	0.72H	8.13H	0.04Q	0.00E



107.7	7.07H	0.03Q	0.65H	7.96H	0.04Q	0.00E
104.5	6.64H	0.03Q	0.59H	7.76H	0.04Q	0.00E
101.2	6.21H	0.03Q	0.54H	7.51H	0.04Q	0.00E
97.7	5.77H	0.03Q	0.48H	7.31H	0.04Q	0.00E
91.4	4.99H	0.02Q	0.39H	6.86H	0.03Q	0.00E
85.0	4.27H	0.02Q	0.30H	6.35H	0.03Q	0.00E
78.7	3.60H	0.02Q	0.23H	5.80H	0.03Q	0.00E
72.3	2.99H	0.01Q	0.17H	5.23H	0.02Q	0.00E
66.0	2.45H	0.01Q	0.13K	4.65H	0.02Q	0.00E
59.6	1.97H	0.01Q	0.09K	4.08H	0.02Q	0.00E
53.2	1.55H	0.01Q	0.06K	3.53H	0.02Q	0.00E
47.7	1.23H	0.01Q	0.04K	3.13H	0.01Q	0.00E
41.8	0.93H	0.00Q	0.03K	2.68H	0.01Q	0.00E
35.8	0.67H	0.00Q	0.02K	2.25H	0.01Q	0.00E
29.8	0.46H	0.00Q	0.01K	1.83H	0.01Q	0.00E
23.9	0.29H	0.00Q	0.01K	1.44H	0.01Q	0.00E
17.9	0.16H	0.00Q	0.00K	1.05H	0.00Q	0.00E
11.9	0.07H	0.00Q	0.00K	0.69H	0.00Q	0.00E
6.0	0.02H	0.00Q	0.00Z	0.34H	0.00Q	0.00E
0.0	0.00A	0.00A	0.00A	0.00A	0.00A	0.00A

MAXIMUM POLE FORCES CALCULATED(w.r.t. to wind direction)  
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MAST ELEV ft	TOTAL AXIAL kip	SHEAR.w.r.t.WIND.DIR ALONG kip	WIND.DIR ACROSS kip	MOMENT.w.r.t.WIND.DIR ALONG ft-kip	WIND.DIR ACROSS ft-kip	TORSION ft-kip
124.0	0.02 E	-0.04 L	0.03 R	-0.08 E	0.04 R	-0.01 R
	0.34 Y	0.23 O	0.03 R	-0.42 O	-0.04 R	0.01 R
120.7	0.34 AI	0.29 U	-0.05 N	-0.43 P	0.05 E	0.01 Q
	44.73 AI	15.70 U	-0.05 N	-27.99 C	-0.14 R	-0.02 F
117.5	44.73 AC	15.74 M	0.07 Q	-27.90 C	-0.19 R	-0.03 N
	45.10 AC	15.95 M	0.07 Q	-86.99 C	0.26 O	0.08 B
114.2	45.10 AD	15.92 H	0.09 L	-87.03 D	-0.33 B	0.09 B
	45.49 AD	16.14 H	0.09 L	-146.67 B	-0.54 Q	0.12 B
111.0	45.49 AD	16.22 H	0.10 F	-146.72 H	-0.56 Q	0.11 B
	45.89 AD	16.45 H	0.10 F	-207.51 H	-0.80 Q	0.16 L
107.7	45.89 Z	16.54 H	0.15 C	-207.53 H	-0.87 Q	0.16 L
	64.49 Z	24.70 H	0.15 C	-291.61 H	-1.24 Q	0.22 L
104.5	64.49 AD	24.86 H	0.18 Q	-291.45 H	-1.32 Q	0.21 L
	64.92 AD	25.11 H	0.18 Q	-383.25 H	-1.90 Q	0.28 L
101.2	64.92 AD	24.97 H	0.17 Q	-383.22 H	-1.94 Q	0.31 L

97.7	65.81 AD	25.25 H	0.17 Q	-482.57 H	-2.54 Q	0.37 L
	65.81 AD	25.41 H	0.23 Q	-482.61 H	-2.53 Q	0.36 L
91.4	85.05 AD	33.98 H	0.23 Q	-715.97 H	-3.99 Q	0.52 L
	85.05 AD	33.91 H	0.21 K	-715.96 H	-4.01 Q	0.51 L
85.0	101.13 AD	40.35 H	0.21 K	-971.02 H	-5.19 Q	0.62 L
	101.13 AG	40.31 H	0.20 K	-971.01 H	-5.24 Q	0.62 L
78.7	102.49 AG	40.96 H	0.20 K	-1257.06 H	-6.28 Q	-0.77 E
	102.49 AG	40.96 H	0.23 Q	-1257.03 H	-6.27 Q	-0.77 E
72.3	103.94 AG	41.65 H	0.23 Q	-1545.57 H	-7.73 Q	-0.89 E
	103.94 AG	41.64 H	0.23 Q	-1545.59 H	-7.75 Q	-0.89 E
66.0	105.48 AG	42.37 H	0.23 Q	-1836.56 H	-9.23 Q	-1.01 E
	105.48 AG	42.41 H	0.21 Q	-1836.57 H	-9.27 Q	-1.01 E
59.6	107.11 AG	43.18 H	0.21 Q	-2130.53 H	-10.62 Q	-1.12 E
	107.11 AG	43.16 H	0.20 Q	-2130.55 H	-10.61 Q	-1.11 E
53.2	108.83 AG	43.98 H	0.20 Q	-2427.24 H	-11.91 Q	-1.21 E
	108.83 AG	44.00 H	0.19 K	-2427.25 H	-11.94 Q	-1.21 E
47.7	111.56 AG	44.77 H	0.19 K	-2686.89 H	-12.91 Q	-1.28 E
	111.56 AG	44.74 H	0.22 K	-2686.82 H	-12.88 Q	-1.28 E
41.8	113.53 AG	45.61 H	0.22 K	-2971.82 H	-14.03 Q	-1.34 E
	113.53 AG	45.56 H	0.21 K	-2971.82 H	-14.02 Q	-1.33 E
35.8	115.57 AG	46.45 H	0.21 K	-3259.93 H	-15.18 Q	-1.38 E
	115.57 AG	46.45 H	0.20 K	-3259.94 H	-15.16 Q	-1.38 E
29.8	117.67 AG	47.37 H	0.20 K	-3551.41 H	-16.18 Q	-1.42 E
	117.67 AG	47.39 H	0.23 K	-3551.40 H	-16.19 Q	-1.42 E
23.9	119.83 AG	48.35 H	0.23 K	-3846.66 H	-17.39 Q	-1.45 E
	119.83 AG	48.35 H	0.25 K	-3846.65 H	-17.39 Q	-1.45 E
17.9	122.06 AG	49.33 H	0.25 K	-4145.68 H	-18.45 Q	-1.48 E
	122.06 AG	49.34 H	0.26 K	-4145.70 H	-18.45 Q	-1.48 E
11.9	124.34 AG	50.35 H	0.26 K	-4448.63 H	-19.64 Q	-1.50 E
	124.34 AG	50.36 H	0.26 K	-4448.63 H	-19.64 Q	-1.50 E
6.0	126.69 AG	51.39 H	0.26 K	-4755.53 H	-20.78 Q	-1.51 E
	126.69 AG	51.38 H	0.26 K	-4755.53 H	-20.78 Q	-1.51 E
	129.09 AG	52.51 H	0.26 K	-5066.70 H	-21.91 Q	-1.51 E
base						
reaction	129.09 AG	-52.51 H	-0.26 K	5066.70 H	21.91 Q	1.51 E

COMPLIANCE WITH 4.8.2 & 4.5.4  
=====

ELEV	AXIAL	BENDING	SHEAR + TORSIONAL	TOTAL SATISFIED	D/t(w/t)	MAX ALLOWED
ft						
124.00	0.00E	0.00E	0.00L	0.00E	YES	10.23A
						45.2

120.75	0.00Y	0.00O	0.00O	0.00O	YES	10.92A	45.2
	0.00AI	0.00P	0.00U	0.00P	YES	10.92A	45.2
117.50	0.04AI	0.07C	0.03U	0.08C	YES	11.62A	45.2
	0.04AC	0.07C	0.03M	0.08C	YES	11.62A	45.2
114.25	0.04AC	0.19C	0.03M	0.20C	YES	12.32A	45.2
	0.04AD	0.19D	0.03H	0.20D	YES	12.32A	45.2
111.00	0.04AD	0.28B	0.03H	0.30B	YES	13.01A	45.2
	0.04AD	0.28H	0.03H	0.30H	YES	13.01A	45.2
107.75	0.04AD	0.37H	0.03H	0.38H	YES	13.71A	45.2
	0.04Z	0.37H	0.03H	0.38H	YES	13.71A	45.2
104.50	0.05Z	0.47H	0.04H	0.49H	YES	14.40A	45.2
	0.05AD	0.47H	0.04H	0.49H	YES	14.40A	45.2
101.25	0.05AD	0.57H	0.04H	0.59H	YES	15.10A	45.2
	0.03AD	0.38H	0.02H	0.40H	YES	9.48A	45.2
97.75	0.03AD	0.44H	0.02H	0.46H	YES	9.98A	45.2
	0.03AD	0.46H	0.02H	0.47H	YES	9.74A	45.2
91.39	0.04AD	0.58H	0.03H	0.60H	YES	10.65A	45.2
	0.04AD	0.58H	0.03H	0.60H	YES	10.65A	45.2
85.04	0.04AD	0.69H	0.03H	0.71H	YES	11.56A	45.2
	0.04AG	0.69H	0.03H	0.71H	YES	11.56A	45.2
78.68	0.04AG	0.78H	0.03H	0.80H	YES	12.47A	45.2
	0.04AG	0.78H	0.03H	0.80H	YES	12.47A	45.2
72.32	0.04AG	0.84H	0.03H	0.86H	YES	13.38A	45.2
	0.04AG	0.84H	0.03H	0.86H	YES	13.38A	45.2
65.96	0.04AG	0.89H	0.03H	0.91H	YES	14.28A	45.2
	0.04AG	0.89H	0.03H	0.91H	YES	14.28A	45.2
59.61	0.03Z	0.92H	0.03H	0.94H	YES	15.19A	45.2
	0.03AG	0.92H	0.03H	0.94H	YES	15.19A	45.2
53.25	0.03AG	0.95H	0.03H	0.96H	YES	16.10A	45.2
	0.03AG	0.81H	0.02H	0.83H	YES	13.55A	45.2
47.75	0.03AG	0.83H	0.02H	0.84H	YES	14.22A	45.2
	0.03AG	0.86H	0.02H	0.87H	YES	13.92A	45.2
41.78	0.03AG	0.87H	0.02H	0.88H	YES	14.65A	45.2
	0.03AG	0.87H	0.02H	0.88H	YES	14.65A	45.2
35.81	0.03AG	0.87H	0.02H	0.88H	YES	15.38A	45.2
	0.03AG	0.87H	0.02H	0.88H	YES	15.38A	45.2
29.84	0.03AG	0.87H	0.02H	0.88H	YES	16.11A	45.2
	0.03AG	0.87H	0.02H	0.88H	YES	16.11A	45.2
23.87	0.03AG	0.88H	0.02H	0.89H	YES	16.84A	45.2
	0.03AG	0.88H	0.02H	0.89H	YES	16.84A	45.2
	0.03AG	0.89H	0.02H	0.90H	YES	17.57A	45.2



17.91	0.03AG	0.89H	0.02H	0.90H	YES	17.57A	45.2
	0.03AG	0.89H	0.02H	0.90H	YES	18.30A	45.2
11.94	0.03AG	0.89H	0.02H	0.90H	YES	18.30A	45.2
	0.03AG	0.90H	0.02H	0.91H	YES	19.03A	45.2
5.97	0.03AG	0.90H	0.02H	0.91H	YES	19.03A	45.2
	0.02AG	0.90H	0.02H	0.91H	YES	19.76A	45.2
0.00							

MAXIMUM LOADS ONTO FOUNDATION(w.r.t. wind direction)

DOWN kip	SHEAR.w.r.t.WIND.DIR ALONG kip	MOMENT.w.r.t.WIND.DIR ACROSS kip	MOMENT.w.r.t.WIND.DIR ALONG ft-kip	TORSION ft-kip
129.09 AG	52.51 H	0.26 K	-5066.70 H	-21.91 Q
				-1.51 E

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on: 15 may 2025 at: 8:59:09

125' Monopole / CK Russellville SE II Cow Relo, KY

\*\*\*\*\*  
\*\*\*\*\* Service Load Condition \*\*\*\*\*  
\*\*\*\*\*

\* Only 1 condition(s) shown in full

LOADING CONDITION A

60 mph wind with no ice. Wind Azimuth: 0° (1.0 D + 1.0 Wo)

LOADS ON POLE

LOAD TYPE	ELEV ft	APPLY. RADIUS ft	LOAD..AT AZI	LOAD AZI	FORCES		MOMENTS	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	119.000	0.00	0.0	0.0	0.0000	2.2277	0.0000	0.0000
C	119.000	0.00	0.0	0.0	3.8662	13.5330	0.0000	0.0000
C	107.000	0.00	0.0	0.0	0.0000	1.3354	0.0000	0.0000
C	107.000	0.00	0.0	0.0	2.0109	5.5330	0.0000	0.0000
C	97.000	0.00	0.0	0.0	0.0000	1.2106	0.0000	0.0000
C	97.000	0.00	0.0	0.0	2.0336	5.5330	0.0000	0.0000
C	87.000	0.00	0.0	0.0	0.0000	1.0858	0.0000	0.0000
C	87.000	0.00	0.0	0.0	1.4818	4.5330	0.0000	0.0000
D	124.000	0.00	180.0	0.0	0.0147	0.0467	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0201	0.0625	0.0000	0.0000
D	101.250	0.00	180.0	0.0	0.0211	0.1610	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0211	0.1610	0.0000	0.0000
D	97.750	0.00	180.0	0.0	0.0221	0.1018	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0335	0.1482	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0354	0.3336	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.0354	0.3336	0.0000	0.0000
D	47.750	0.00	180.0	0.0	0.0357	0.1863	0.0000	0.0000

D        0.000        0.00    180.0        0.0    0.0473    0.2457    0.0000    0.0000

=====

MAXIMUM POLE DEFORMATIONS CALCULATED(w.r.t. wind direction)

=====

MAST ELEV ft	DEFLECTIONS (ft)			ROTATIONS (deg)		
	HORIZONTAL ALONG	ACROSS	DOWN	TILT ALONG	ACROSS	TWIST
124.0	2.38I	0.01I	0.07A	2.10A	0.01I	0.00K
120.7	2.27I	0.01I	0.06A	2.10A	0.01I	0.00K
117.5	2.15I	0.01I	0.06A	2.10A	0.01I	0.00K
114.2	2.03I	0.01I	0.05A	2.08A	0.01I	0.00K
111.0	1.91I	0.01I	0.05A	2.05A	0.01I	0.00K
107.7	1.80I	0.01I	0.05A	2.01A	0.01I	0.00K
104.5	1.68I	0.01I	0.04A	1.95A	0.01I	0.00K
101.2	1.57I	0.01I	0.04A	1.89A	0.01I	0.00F
97.7	1.46I	0.01I	0.03A	1.84A	0.01I	0.00F
91.4	1.26I	0.01I	0.03A	1.73I	0.01I	0.00F
85.0	1.08I	0.00I	0.02A	1.60I	0.01I	0.00F
78.7	0.91I	0.00I	0.02A	1.46I	0.01I	0.00F
72.3	0.76I	0.00I	0.01A	1.31I	0.01I	0.00F
66.0	0.62I	0.00I	0.01A	1.17I	0.01I	0.00F
59.6	0.50I	0.00I	0.01A	1.03I	0.00I	0.00F
53.2	0.39I	0.00I	0.01A	0.89I	0.00I	0.00F
47.7	0.31I	0.00I	0.00A	0.79I	0.00I	0.00F
41.8	0.23I	0.00I	0.00A	0.67I	0.00I	0.00F
35.8	0.17I	0.00I	0.00A	0.56I	0.00I	0.00F
29.8	0.12I	0.00I	0.00A	0.46I	0.00I	0.00F
23.9	0.07I	0.00I	0.00A	0.36I	0.00I	0.00F
17.9	0.04I	0.00I	0.00A	0.27I	0.00I	0.00F
11.9	0.02I	0.00I	0.00A	0.17I	0.00I	0.00F
6.0	0.00I	0.00I	0.00F	0.08I	0.00I	0.00F
0.0	0.00A	0.00A	0.00A	0.00A	0.00A	0.00A

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MAXIMUM POLE FORCES CALCULATED(w.r.t. to wind direction)

=====

MAST ELEV ft	TOTAL AXIAL kip	SHEAR.w.r.t.WIND.DIR		MOMENT.w.r.t.WIND.DIR		TORSION ft-kip
		ALONG kip	ACROSS kip	ALONG ft-kip	ACROSS ft-kip	
124.0	-0.01 A	-0.01 D	-0.01 L	0.01 E	-0.01 L	0.00 L
120.7	0.16 L	0.05 H	-0.01 L	-0.10 H	-0.02 K	0.00 K
	0.16 L	0.06 I	-0.03 L	-0.10 L	0.01 I	0.00 I
117.5	16.09 L	3.98 I	-0.03 L	-7.06 H	0.09 L	0.00 L
	16.09 I	4.01 C	-0.02 F	-7.05 H	0.11 L	0.00 L

114.2	16.26 I	4.06 C	-0.02 F	-21.99 C	0.13 L	-0.01 L
	16.26 C	4.06 H	0.03 I	-21.99 C	0.12 L	0.00 L
111.0	16.44 C	4.12 H	0.03 I	-37.14 C	0.19 F	-0.01 C
	16.44 F	4.11 E	-0.04 C	-37.14 H	0.19 F	-0.01 L
107.7	16.63 F	4.17 E	-0.04 C	-52.44 C	0.27 F	-0.01 C
	16.63 D	4.21 A	0.05 I	-52.42 C	0.25 F	-0.01 C
104.5	23.69 D	6.29 A	0.05 I	-73.70 A	-0.41 I	-0.01 C
	23.69 F	6.27 A	0.03 I	-73.71 A	-0.40 I	-0.01 C
101.2	23.89 F	6.34 A	0.03 I	-96.81 A	-0.52 I	-0.02 C
	23.89 F	6.32 A	0.05 B	-96.81 A	-0.51 I	-0.02 C
97.7	24.45 F	6.39 A	0.05 B	-121.78 A	-0.67 I	-0.02 C
	24.45 F	6.39 I	0.03 I	-121.75 A	-0.68 I	-0.02 C
91.4	31.87 F	8.57 I	0.03 I	-179.97 A	-0.92 I	0.02 K
	31.87 F	8.57 I	0.03 B	-179.97 A	-0.93 I	0.02 K
85.0	38.20 F	10.21 I	0.03 B	-243.79 A	-1.16 I	0.03 K
	38.20 F	10.21 I	0.03 I	-243.80 A	-1.17 I	0.03 K
78.7	38.95 F	10.37 I	0.03 I	-315.47 A	-1.42 I	0.04 K
	38.95 F	10.36 I	0.04 I	-315.47 I	-1.42 I	0.04 K
72.3	39.74 F	10.54 I	0.04 I	-387.92 I	-1.70 I	0.05 F
	39.74 F	10.55 I	0.04 I	-387.91 I	-1.70 I	0.05 F
66.0	40.58 F	10.74 I	0.04 I	-461.05 I	-1.97 I	0.05 F
	40.58 F	10.73 I	0.05 I	-461.05 I	-1.97 I	0.05 F
59.6	41.46 F	10.93 I	0.05 I	-534.83 I	-2.29 I	0.06 F
	41.46 F	10.93 B	0.05 I	-534.82 I	-2.28 I	0.06 F
53.2	42.38 F	11.14 B	0.05 I	-609.30 I	-2.63 I	0.07 F
	42.38 F	11.13 E	0.05 I	-609.29 I	-2.63 I	0.07 F
47.7	44.21 F	11.33 E	0.05 I	-674.48 I	-2.94 I	0.07 F
	44.21 F	11.33 E	0.06 I	-674.49 I	-2.93 I	0.07 F
41.8	45.35 F	11.55 E	0.06 I	-746.07 I	-3.32 I	0.08 F
	45.35 F	11.53 A	0.06 I	-746.08 I	-3.32 I	0.08 F
35.8	46.53 F	11.76 A	0.06 I	-818.55 I	-3.70 I	0.08 F
	46.53 F	11.77 E	0.07 I	-818.54 I	-3.69 I	0.08 F
29.8	47.75 F	12.00 E	0.07 I	-891.94 I	-4.11 I	0.08 F
	47.75 F	12.00 I	0.07 I	-891.94 I	-4.10 I	0.08 F
23.9	49.02 F	12.24 I	0.07 I	-966.35 I	-4.53 I	0.09 F
	49.02 F	12.25 I	0.07 I	-966.35 I	-4.53 I	0.09 F
17.9	50.33 F	12.50 I	0.07 I	-1041.82 I	-4.95 I	0.09 F
	50.33 F	12.50 I	0.07 I	-1041.82 I	-4.95 I	0.09 F
11.9	51.68 F	12.76 I	0.07 I	-1118.36 I	-5.36 I	0.09 F
	51.68 F	12.76 I	0.07 I	-1118.36 I	-5.35 I	0.09 F



6.0	53.08 F	13.03 I	0.07 I	-1196.03 I	-5.76 I	0.09 F
	53.08 F	13.03 I	0.07 I	-1196.03 I	-5.76 I	0.09 F
	54.53 F	13.31 I	0.07 I	-1274.88 I	-6.16 I	0.09 F
base						
reaction	54.53 F	-13.31 I	-0.07 I	1274.88 I	6.16 I	-0.09 F

COMPLIANCE WITH 4.8.2 & 4.5.4

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ELEV ft	AXIAL	BENDING	SHEAR + TORSIONAL	TOTAL	SATISFIED	D/t(w/t)	MAX ALLOWED
124.00	0.00A	0.00L	0.00L	0.00L	YES	10.23A	45.2
	0.00L	0.00H	0.00H	0.00H	YES	10.92A	45.2
120.75	0.00L	0.00L	0.00I	0.00L	YES	10.92A	45.2
	0.01L	0.02H	0.01I	0.03H	YES	11.62A	45.2
117.50	0.01I	0.02H	0.01C	0.03H	YES	11.62A	45.2
	0.01I	0.05C	0.01C	0.06C	YES	12.32A	45.2
114.25	0.01C	0.05C	0.01H	0.06C	YES	12.32A	45.2
	0.01C	0.07C	0.01H	0.09C	YES	13.01A	45.2
111.00	0.01F	0.07H	0.01E	0.09H	YES	13.01A	45.2
	0.01F	0.09C	0.01E	0.11C	YES	13.71A	45.2
107.75	0.01D	0.09C	0.01A	0.11C	YES	13.71A	45.2
	0.02D	0.12A	0.01A	0.14A	YES	14.40A	45.2
104.50	0.02F	0.12A	0.01A	0.14A	YES	14.40A	45.2
	0.02F	0.14A	0.01A	0.16A	YES	15.10A	45.2
101.25	0.01F	0.10A	0.01A	0.11A	YES	9.48A	45.2
	0.01F	0.11A	0.01A	0.12A	YES	9.98A	45.2
97.75	0.01F	0.12A	0.01I	0.13A	YES	9.74A	45.2
	0.01F	0.15A	0.01I	0.16A	YES	10.65A	45.2
91.39	0.01F	0.15A	0.01I	0.16A	YES	10.65A	45.2
	0.02F	0.17A	0.01I	0.19A	YES	11.56A	45.2
85.04	0.02F	0.17A	0.01I	0.19A	YES	11.56A	45.2
	0.01F	0.20A	0.01I	0.21A	YES	12.47A	45.2
78.68	0.01F	0.20I	0.01I	0.21A	YES	12.47A	45.2
	0.01F	0.21I	0.01I	0.23I	YES	13.38A	45.2
72.32	0.01F	0.21I	0.01I	0.23I	YES	13.38A	45.2
	0.01F	0.22I	0.01I	0.24I	YES	14.28A	45.2
65.96	0.01F	0.22I	0.01I	0.24I	YES	14.28A	45.2
	0.01F	0.23I	0.01I	0.24I	YES	15.19A	45.2
59.61	0.01F	0.23I	0.01B	0.24I	YES	15.19A	45.2
	0.01F	0.24I	0.01B	0.25I	YES	16.10A	45.2
53.25	0.01F	0.20I	0.01E	0.22I	YES	13.55A	45.2

47.75	0.01F	0.21I	0.01E	0.22I	YES	14.22A	45.2
	0.01F	0.22I	0.01E	0.23I	YES	13.92A	45.2
41.78	0.01F	0.22I	0.01E	0.23I	YES	14.65A	45.2
	0.01F	0.22I	0.01E	0.23I	YES	14.65A	45.2
35.81	0.01F	0.22I	0.01E	0.23I	YES	15.38A	45.2
	0.01F	0.22I	0.01E	0.23I	YES	15.38A	45.2
29.84	0.01F	0.22I	0.01E	0.23I	YES	16.11A	45.2
	0.01F	0.22I	0.01E	0.23I	YES	16.11A	45.2
23.87	0.01F	0.22I	0.01E	0.23I	YES	16.84A	45.2
	0.01F	0.22I	0.01E	0.23I	YES	16.84A	45.2
17.91	0.01F	0.22I	0.01E	0.23I	YES	17.57A	45.2
	0.01F	0.22I	0.01I	0.23I	YES	17.57A	45.2
11.94	0.01F	0.22I	0.01I	0.23I	YES	18.30A	45.2
	0.01F	0.22I	0.01I	0.23I	YES	18.30A	45.2
5.97	0.01F	0.23I	0.01I	0.24I	YES	19.03A	45.2
	0.01F	0.23I	0.01I	0.24I	YES	19.03A	45.2
0.00	0.01F	0.23I	0.01I	0.24I	YES	19.76A	45.2

MAXIMUM LOADS ONTO FOUNDATION(w.r.t. wind direction)

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DOWN	SHEAR.w.r.t.WIND.DIR	MOMENT.w.r.t.WIND.DIR	TORSION
kip	ALONG kip	ACROSS ft-kip	ft-kip
54.53	13.31	0.07	-1274.88
F	I	I	I

=====

**Seismic Load Effects**  
**Equivalent Lateral Force Procedure**  
**ANSI/TIA-222-G**

**Parameters**

Risk Category	II
R	1.500
S <sub>S</sub>	0.336
S <sub>1</sub>	0.154
Site Class	D (default)
T <sub>L</sub> (sec)	12.000
F <sub>a</sub>	1.531
F <sub>v</sub>	2.292
S <sub>M1S</sub>	0.514
S <sub>M1</sub>	0.353
S <sub>D5</sub>	0.343
S <sub>D1</sub>	0.235
T <sub>s</sub>	0.685
I <sub>e</sub>	1.000
Ω	1.500
C <sub>s</sub>	0.049
E (ksi)	29,000
I <sub>top</sub> (in <sup>4</sup> )	472
I <sub>bot</sub> (in <sup>4</sup> )	26,140
I <sub>avg</sub> (in <sup>4</sup> )	13,306
g (in/s <sup>2</sup> )	386.4
W <sub>t</sub> (Kips)	54.460
W <sub>u</sub> (Kips)	29.132
W <sub>L</sub> (Kips)	25.328
L <sub>p</sub> (in)	1488
f <sub>1</sub> (Hertz)	0.313
T (sec)	3.195
k <sub>g</sub>	2.0000
V <sub>s</sub> (Kips)	2.669
Seismic Design Category	D

Description	h <sub>i</sub> (ft.)	w <sub>i</sub> (kips)	W <sub>u</sub> (kips)	Vertical Distribution of Seismic Forces			
				w <sub>i</sub> h <sub>i</sub> <sup>ko</sup>	F <sub>xx</sub> or E <sub>xx</sub> (kips)	1.2 D + 1.0 E <sub>v</sub> (kips)	0.9 D - 1.0 E <sub>v</sub> (kips)
Line Deadload	119.00	2.2277	0.0000	31,546.4597	0.1787	0.1528	1.8521
Mount/Antenna Load	119.00	13.5330	13.5330	191,640.8130	1.0853	0.9284	11.2513
Structure - Section 1	110.88	1.4655	0.0000	18,017.4057	0.1020	0.1005	1.2184
Line Deadload	107.00	1.3354	0.0000	15,288.9946	0.0866	0.0916	1.1103
Mount/Antenna Load	107.00	5.5330	5.5330	63,347.3170	0.3588	0.3796	4.6001
Line Deadload	97.00	1.2106	0.0000	11,390.5354	0.0645	0.0830	1.0065
Mount/Antenna Load	97.00	5.5330	5.5330	52,059.9970	0.2948	0.3796	4.6001
Line Deadload	87.00	1.0858	0.0000	8,218.4202	0.0465	0.0745	0.9027
Mount/Antenna Load	87.00	4.5330	4.5330	34,310.2770	0.1943	0.3110	3.7687
Structure - Section 2	74.50	6.7355	0.0000	37,383.7089	0.2117	0.4621	5.5998
Structure - Section 3	26.62	11.2675	0.0000	7,984.4254	0.0452	0.7730	9.3678
Σ		54.46	29.1320	471,188.35	2.67	3.74	45.28

## Round Base Plate and Anchor Rods, per ANSI/TIA 222-G

### Pole Data

Diameter: 53.410 in (flat to flat)  
Thickness: 0.4375 in  
Yield (Fy): 65 ksi  
# of Sides: 18 "0" IF Round  
Strength (Fu): 80 ksi

### Reactions

Moment, Mu: 5066.7 ft-kips  
Axial, Pu: 65.49 kips  
Shear, Vu: 52.51 kips

### Anchor Rod Data

Quantity: 18  
Diameter: 2.25 in  
Rod Material: A615  
Strength (Fu): 100 ksi  
Yield (Fy): 75 ksi  
BC Diam. (in): 60.25 BC Override:

### Anchor Rod Results

Maximum Rod (Pu+ Vu/η): 233.7 Kips  
Allowable  $\Phi^*R_{nt}$ : 260.0 Kips (per 4.9.9)  
Anchor Rod Interaction Ratio: **89.9% Pass**

### Plate Data

Diameter (in): 66 Dia. Override:  
Thickness: 2.25 in  
Yield (Fy): 50 ksi  
Eff Width/Rod: 9.42 in  
Drain Hole: 2.625 in. diameter  
Drain Location: 24.5 in. center of pole to center of drain hole  
Center Hole: 41 in. diameter

### Base Plate Results

Base Plate (Mu/Z): 41.6 ksi  
Allowable  $\Phi^*F_y$ : 45.0 ksi (per AISC)  
Base Plate Interaction Ratio: **92.4% Pass**





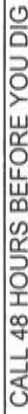
## DRIVING DIRECTIONS


## CONTACT INFORMATION



## CONTACT INFORMATION

## PROJECT INFORMATION

INDEX OF SHEETS

TELETEX STRUCTURES	3469	0	ISSUED FOR CONSTRUCTION	SH	TJ
PREPARED BY:	FILE NO.	REV.	DESCRIPTION	CHK BY	DWN BY
 <b>TowerCo</b> 5000 VALLEYSTONE DRIVE CARY, NC 27519 (919) 553-5796		SITE : <b>RUSSELLVILLE II COW RELO</b>			SCALE : NONE
		CODE : <b>KY0111 [ENGTEL-1278]</b>			DATE : 2025-06-25
		DRAWING TITLE :			DRAWN BY : TJ
		<b>TITLE SHEET</b>			APPROVED BY : SH
				FILE NO : 3469	
				DRAWING No : <b>KY0111 -T1</b>	







BILL OF MATERIAL - DRILLED PIER			
MARK NO.	DESCRIPTION	SIZE	QTY
-	4500 PSI MIX	40.0 CY	1
VERT-01	VERTICAL BAR	#10 ASTM A615-60 x 21'-0"	30
TIE-01	TIE	#5 ASTM A615-60 x 25'-5"	30
HORIZ-01	HORIZONTAL REBAR	#3 ASTM A615-60 x 8'-8"	20
PIPE	TEMPORARY LINER (SEE SITE PREPARATION NOTE 4. ON F1 DRAWING)	PL 3/8"	1

APPLICABLE CODES AND STANDARDS:

- 1. ANSI/TIA-222-G STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.
- 2. 2015 INTERNATIONAL BUILDING CODE
- 3. 2018 KENTUCKY BUILDING CODE
- 4. ACI 318: AMERICAN CONCRETE INSTITUTE. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. 318-14.
- 5. CRSI: CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE, LATEST EDITION.
- 6. AISC: AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, 13TH EDITION.
- 7. AWS: AMERICAN WELDING SOCIETY D1.1, STRUCTURAL WELDING CODE, LATEST EDITION.

TELETEK STRUCTURES	3469	0		ISSUED FOR CONSTRUCTION	2025-06-25	TJ	SH		
PREPARED BY:	FILE No.	REV.	DESCRIPTION	DATE	DWN BY	CRK BY			
	SITE : RUSSELLVILLE II COW RELO		SCALE : NONE		DATE : 2025-06-25		TJ		
5000 VALLEYSTONE DRIVE CARY, NC 27519 (919) 650-0708		CODE : KY0111 [ENGTEL-1278]		DRAWN BY :		SH		3469	
		DRAWING TITLE :		APPROVED BY :		FILE No :		DRAWING No :	
		BILL OF MATERIALS						KY0111 - B1	

DESIGN NOTES:

TOWER DESIGN DRAWINGS BY SABER INDUSTRIES DATED MAY 15, 2025,  
WITH DESIGN CRITERIA:

- A. TOWER DESIGN CONFIRMS TO ANSI/TIA-222-G
- B. ULTIMATE WIND SPEED (NO ICE): 115 MPH PER ASCE 7-16
- C. WIND SPEED (ICE): 30 MPH PER ASCE 7-16
- D. NOMINAL ICE THICKNESS: 0.75 INCHES PER ASCE 7-16
- E. STRUCTURAL CLASS: II
- F. RISK CATEGORY II
- G. EXPOSURE CATEGORY C
- H. TOPOGRAPHIC CATEGORY 3
- I. CREST HEIGHT: 206 ft
- J. SEISMIC DESIGN PARAMETERS, Ie: 1.00, Ss: 0.336, S1: 0.154
- K. SITE CLASS: D
- L. SEISMIC DESIGN CATEGORY: D

REACTIONS:

MOMENT: 5066.7 FT-KIPS

AXIAL: 65.49 KIPS

SHEAR: 52.51 KIPS

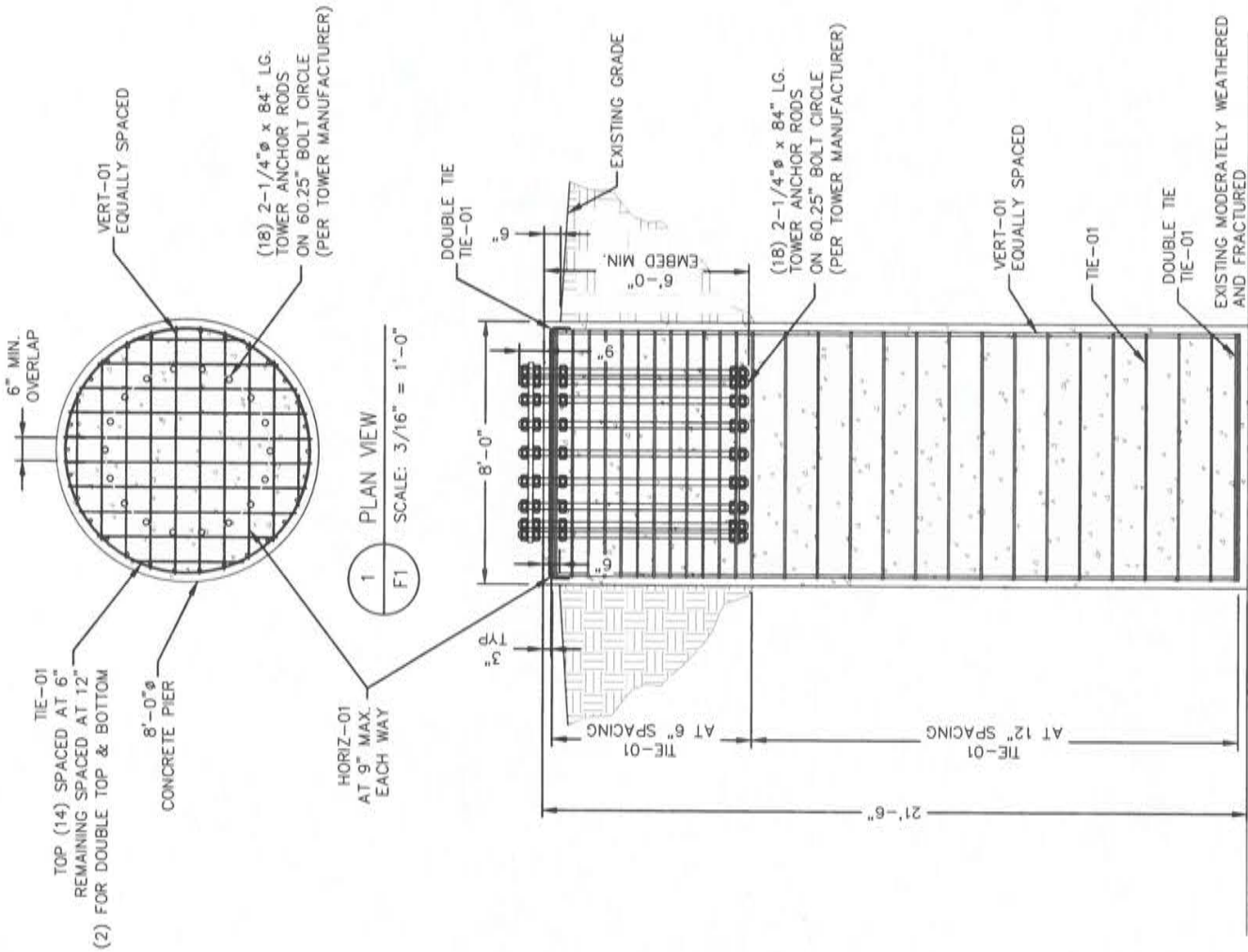
FOUNDATION NOTES:

FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT NO. 25135516\_rev1  
DATED 11/JUNE/2025 BY ENGINEERED TOWER SOLUTIONS.

- 1. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,500 PSI.
- 2. REBAR SHALL CONFORM TO ASTM SPECIFICATION A615.
- 3. ALL REBAR SHALL HAVE 3 INCHES MINIMUM COVER.
- 4. AGGREGATE: ASTM C33, 3/4 INCH MAX SLUMP.
- 5. CEMENT: ASTM C150 TYPE I
- 6. WATER: CLEAR, POTABLE
- 7. AIR ENTRAINMENT: ASTM C260, 6%
- 8. ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1 INCH.
- 9. SEE GEOTECHNICAL REPORT FOR INSTALLATION REQUIREMENTS.

SITE PREPARATION NOTES:

- 1. REFER TO GEOTECHNICAL REPORT BY ENGINEERED TOWER SOLUTIONS, LLC, JOB #25135516\_rev1 DATED JUNE 11, 2025.
- 2. EXCAVATION WILL BE NEAR 21.0 FEET IN DEPTH. ANTICIPATE MODERATELY WEATHERED AND FRACTURED BELOW 19 FEET TO THE BASE OF THE EXCAVATION.
- 3. ALL DEBRIS, LOOSE OR DISTURBED SOIL SHOULD BE REMOVED FROM THE EXCAVATION PRIOR TO PLACING REINFORCED STEEL AND/OR CONCRETE. REINFORCING STEEL AND/OR CONCRETE SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF THE EXCAVATION.
- 4. TEMPORARY STEEL CASING RECOMMENDED TO BE ON SITE TO CONTROL SEEPAGE AND/OR CAVING DURING INSTALLATION (BEND 3/8" PL INTO 8'-0"Ø] IF REQUIRED. THE PROTECTIVE STEEL CASING SHOULD BE EXTRACTED AS CONCRETE IS PLACED. A HEAD OF CONCRETE SHOULD BE MAINTAINED ABOVE THE BOTTOM OF THE CASING TO PREVENT SOIL AND WATER INTRUSION INTO THE CONCRETE BELOW THE CASING.
- 5. GROUNDWATER WAS NOT ENCOUNTERED BELOW GROUND SURFACE AT THE TIME OF DRILLING.
- 6. THE BASE OF THE EXCAVATION SHOULD BE FREE OF ALL ORGANICS AND WOOD DEBRIS.
- 7. MATERIAL TO BE COMPACTED TO 90% MAXIMUM DRY DENSITY OBTAINED FROM ASTM D1557.



TELETEX STRUCTURES	3469	0	ISSUED FOR CONSTRUCTION	2025-06-25	TJ	SH
PREPARED BY:	FILE No.	REV.	DESCRIPTION	DATE	DWN BY	CHK BY
					AS SHOWN	
SITE: RUSSELLVILLE II COW RELO			SCALE: AS SHOWN			
CODE: KY0111 [ENGTEL-1278]			DATE: 2025-06-25			
DRAWING TITLE: TOWER FOUNDATION INSTALLATION DETAILS			DRAWN BY: TJ			
			APPROVED BY: SH			
			FILE No: 3469			
			DRAWING No: KY0111 - F1			





Privacy Act Statement (5 U.S.C. § 552a(e)(3)): Authority: Information solicited by the Federal Aviation Administration (FAA) Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) is authorized by 49 U.S.C. § 44718 and 47101 Purpose: The FAA OE/AAA is an application used to evaluate all structures that may affect the national airspace system and defend against potential hazards to the safety and efficient use of the navigable airspace. The information collected is used to allow a user access to the OE/AAA and to administer the Aeronautical Study Process. Routine Uses: In accordance with the Privacy Act system of records notice, DOT/ALL 16 Mailing Management System and DOT/FAA 826 Petitions for Exemptions, Other than Medical Exemptions this information may be disclosed to officials within the federal government and the public in general. DOT/ALL 13 - Internet/Intranet Activity and Access Records, this information is routinely used; • To provide information to any person(s) authorized to assist in an approved investigation of improper access or usage of DOT computer systems; • To an actual or potential party or his or her authorized representative for the purpose of negotiation or discussion of such matters as settlement of the case or matter, or informal discovery proceedings; • To contractors, grantees, experts, consultants, detailees, and other non-DOT employees performing or working on a contract, service, grant cooperative agreement, or other assignment from the Federal government, when necessary to accomplish an agency function related to this system of records; and • To other government agencies where required by law.

Disclosure: Submission of the information is voluntary, however, failure to submit requested information will result in FAA's inability to grant you access to the system and may result in an inability of the FAA to process the notice or administer the aeronautical study process for the construction, alteration, activation, or deactivation proposed.



U.S. Department of  
Transportation  
Federal Aviation  
Administration

*Failure to Provide All Requested Information May Delay Processing of your  
Notice*

## Notice of Proposed Construction or Alteration

FOR FAA USE ONLY

Aeronautical Study  
Number  
2025-ASO-4446-OE

Status: Determined - No  
Hazard

<div>1.Sponsor</div> <div><div>Name: TowerCo 2013 LLC</div><div>Attn of: Henry Byrne</div><div>Address: 5000 Valley Stone Drive Suite 200</div><div>City: Cary</div><div>State: NC</div><div>Zip: 27519</div><div>Country: US</div><div>Phone: +1-919-653-5753</div><div>Fax:</div></div>		<div>9.Latitude: 36 ° 49' 24.40" N</div> <div>10.Longitude: 86 ° 48' 30.30" W</div> <div>12.Nearest<div>State: KY</div><div>County: Logan</div></div> <div>13.Nearest Public Use 4M7</div> <div>Airport:<div>(or Military Airport/Heliport)</div></div> <div>14.Distance from Airport 8708 ft</div> <div>to Structure:</div> <div>15.Direction from Airport 4.8 °</div> <div>to Structure:</div> <div>16.Site Elevation (SE): 844 ft</div> <div>17.Structure Height (AGL): 265 ft</div> <div>18.Overall Height (AMSL): 1109 ft</div> <div>19.Prior ASN (if applicable):</div> <div>20.Description of Location:<div>near 162 Church Rd</div></div> <div>21.Description of Proposal:<div>Proposed site is a 265 ft AGL SSL tower, including all top-mounted appurtenances.</div></div>
<div>2.Sponsor's Representative</div> <div><div>Name: Wireless Applications Corporation</div><div>Attn of: Wireless Applications Corporation</div><div>Address: 111-108th Ave. NE Suite 160</div><div>City: Bellevue</div><div>State: WA</div><div>Zip: 98004</div><div>Country: US</div><div>Phone: +1-425-643-5000</div><div>Fax:</div></div>		
<div>3.Notice of: New Construction</div> <div>4.Duration: Permanent (Months:0 Days:0)</div> <div>5.Work Schedule: 04/15/2025 to 04/01/2026</div> <div>6.Type: Antenna Tower</div> <div>7.Marking/Lighting: Dual-red and medium intensity</div> <div>8.FCC Antenna Registration Number:<div>(if applicable)</div></div>		<div>Frequencies:<div><a href="#">View Frequencies</a></div></div> <div>Letters:<div><a href="#">22/04/2025 - DET</a></div></div>



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

Aeronautical Study No.  
2025-ASO-4446-OE

Issued Date: 04/22/2025

Henry Byrne  
TowerCo 2013 LLC  
5000 Valley Stone Drive  
Suite 200  
Cary, NC 27519

**\*\* 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 KY0111 CK Russellville SE II COW RELO
Location:	Russellville, KY
Latitude:	36-49-24.40N NAD 83
Longitude:	86-48-30.30W
Heights:	844 feet site elevation (SE) 128 feet above ground level (AGL) 972 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:

Emissions from this site must be in compliance with the parameters set by collaboration between the FAA and telecommunications companies and reflected in the FAA 5G C band compatibility evaluation process (such as power, frequencies, and tilt angle). Operational use of this frequency band is not objectionable provided the Wireless Providers (WP) obtain and adhere to the parameters established by the FAA 5G C band compatibility evaluation process. **Failure to comply with this condition will void this determination of no hazard.**

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)

**See attachment for additional condition(s) or information.**

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

This determination expires on 10/22/2026 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, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, 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 includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

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.

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

If we can be of further assistance, please contact our office at (817) 222-5928, or [chris.smith@faa.gov](mailto:chris.smith@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-ASO-4446-OE.

**Signature Control No: 649216122-654642684**

( DNE )

Chris Smith  
Specialist

Attachment(s)  
Additional Information  
Frequency Data  
Map(s)



Part 77 authorizes the FAA to evaluate a structure or object's potential electromagnetic effects on air navigation, communication facilities, and other surveillance systems. It also authorizes study of impact on arrival, departure, and en route procedures for aircraft operating under visual or instrument flight rules, as well as the impact on airport traffic capacity at existing public use airports. Broadcast in the 3.7 to 3.98 GHz frequency (5G C band) currently causes errors in certain aircraft radio altimeters and the FAA has determined they cannot be relied upon to perform their intended function when experiencing interference from wireless broadband operations in the 5G C band. The FAA has adopted Airworthiness Directives for all transport and commuter category aircraft equipped with radio altimeters that prohibit certain operations when in the presence of 5G C band.

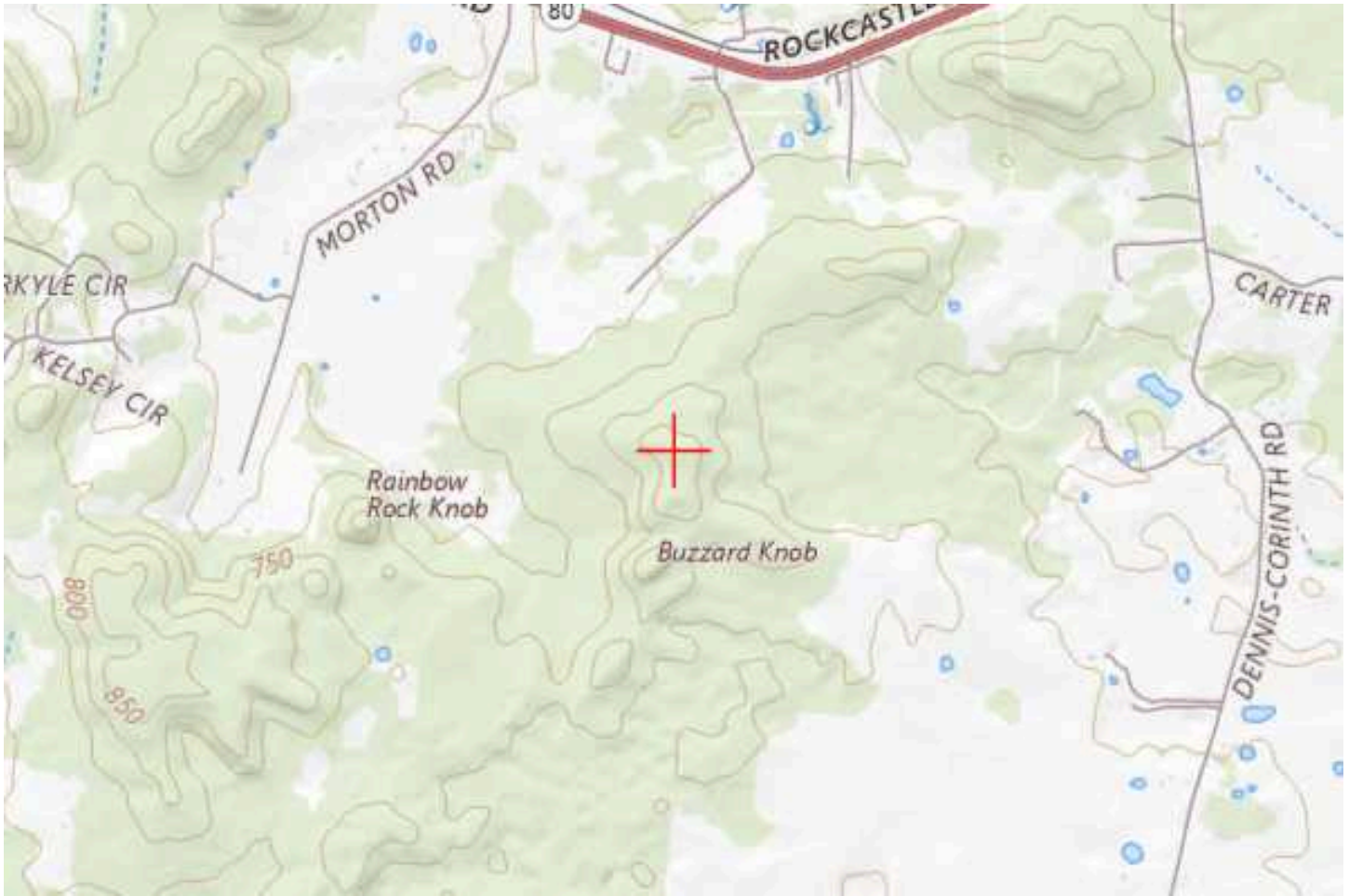
This determination of no hazard is based upon those mitigations implemented by the FAA and operators of transport and commuter category aircraft, and helicopters operating in the vicinity of your proposed location. It is also based on telecommunication industry and FAA collaboration on acceptable power levels and other parameters as reflected in the FAA 5G C band evaluation process.

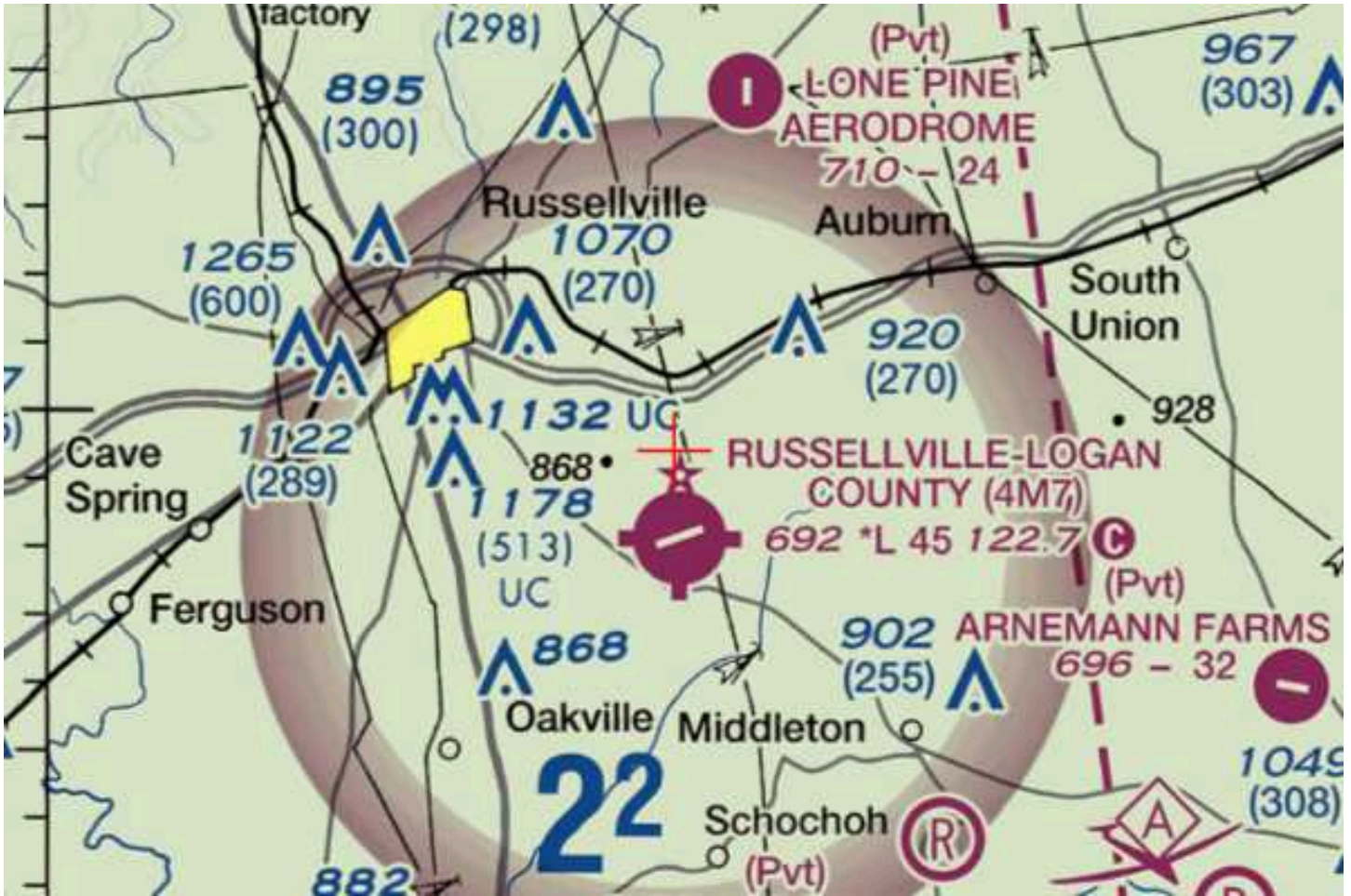
The FAA 5G C band compatibility evaluation is a data analytics system used by FAA to evaluate operational hazards related to aircraft design. The FAA 5G C band compatibility evaluation process refers to the process in which the telecommunication companies and the FAA have set parameters, such as power output, locations, frequencies, and tilt angles for antenna that mitigate the hazard to aviation. As the telecommunication companies and FAA refine the tools and methodology, the allowable frequencies and power levels may change in the FAA 5G C band compatibility evaluation process. Therefore, your proposal will not have a substantial adverse effect on the safe and efficient use of the navigable airspace by aircraft provided the equipment and emissions are in compliance with the parameters established through the FAA 5G C band compatibility evaluation process.

Any future changes that are not consistent with the parameters listed in the FAA 5G C band compatibility evaluation process will void this determination of no hazard.

# Frequency Data for ASN 2025-ASO-4446-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	2000	W
614	698	MHz	1000	W
698	806	MHz	1000	W
806	824	MHz	500	W
806	901	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
929	932	MHz	3500	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
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W
3700	3980	MHz	3280	W
3700	3980	MHz	1640	W





RE: Proposed 128 ft tower



Airport Zoning Commission <AirportZoning@ky.gov>

To: Ron Lageson  
Cc: Henry Byrne

Ron,

We received your application, and it will be added to the Agenda of the August 14, 2025 KAZC Meeting.  
We will contact you if we have questions.

Regards,



**Anthony Adams**  
KY AIRPORT ZONING  
COMMISSION, ADMINISTRATOR  
Department of Aviation  
90 Airport Road, Bldg 400  
Frankfort, Kentucky 40601  
(502) 564-0151 office  
(502) 330-4022 mobile  
[Airport Zoning Commission | KYTC](#)

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**From:** Ron Lageson <[Ron.Lageson@wacorp.net](mailto:Ron.Lageson@wacorp.net)>  
**Sent:** Wednesday, June 25, 2025 11:53 AM  
**To:** Airport Zoning Commission <[AirportZoning@ky.gov](mailto:AirportZoning@ky.gov)>  
**Cc:** 'Henry Byrne' <[hbyrne@towerco.com](mailto:hbyrne@towerco.com)>  
**Subject:** Proposed 128 ft tower

**\*\*CAUTION\*\*** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk [ServiceCorrespondence@ky.gov](mailto:ServiceCorrespondence@ky.gov) for any assistance.

Proposed 128 ft AGL MP tower near Russellville, KY, FAA was filed and assigned ASN 2025-ASO-4446-OE, approved 4/22/2025.

1. TowerCo – 5000 Valleystone Dr., Cary, NC 27519
2. Requester Contact: Henry Byrne : (919) 272-7766
3. Work Schedule: 12/1/25-1/31/26
4. Lat/Long: 36-49-24.40, -86-48-30.30
5. Site Elevation: 844'
6. Tower Height: ' 128 – Crane Height: 136'
7. On Site Contact: Bob Evans : (919) 653-5700

Thank you

Ron Lageson  
Regulatory Compliance Manager  
Wireless Application Corporation  
425-643-5000



# GEOTECHNICAL REPORT OF SUBSURFACE INVESTIGATION

June 11, 2025

**PROPOSED MONOPOLE TOWER**  
**CK RUSSELLVILLE SE**  
**(KY0111)**  
*Revision 1*

**Mud River Church Road**  
**Russellville, KY 42276**

**36.8234, -86.8084**

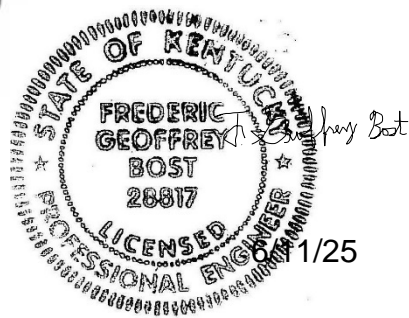
Prepared for:



Prepared by:



Matt Nesbit, E.I.  
Geotechnical Engineer II



Frederic G. Bost, P.E.  
Registered KY 28817

Reviewed by: Jorge Valera, P.E.  
Senior Geotechnical Engineer

**Engineered Tower Solutions, PLLC - 3227 Wellington Court - Raleigh, NC 27615**  
**(919) 782-2710**

## Project Summary

Item	Description
<b>Project Description</b>	A geotechnical exploration and report have been prepared for this proposed 195-foot monopole tower with 4-foot lighting arrestor. Included in this report are the results of the field exploration and the recommendations for the design of the foundation system.
<b>Site Coordinates</b>	Latitude: 36.8234 Longitude: -86.8084
<b>Site Condition</b>	The proposed tower will be installed at Mud River Church Road in Russellville, Kentucky.
<b>Frost Depth</b>	Based on the TIA Standard (TIA-222-G), dated August 2005, the recommended design frost penetration depth to be used for Logan County, KY is 20 inches (1.67 ft).
<b>Groundwater</b>	Groundwater was not encountered at the time of drilling. Please note that subsurface water levels will fluctuate with seasonal and cyclical temperatures and precipitation and can be higher or lower at other times.
<b>Proposed Foundation</b>	We assume the proposed foundation will be supported with either pad and pier or drilled shaft (caisson).

## Field Exploration

Item	Description
Date	June 3 <sup>rd</sup> , 2025
Number of Borings	1
Location	Latitude: 36.8234 Longitude: -86.8084
Equipment Used	Mobile B-51
Advancement Method	Hollow Stem Auger (HSA) and Rock Coring
Sampling Method	ASTM D-1586 with 1.5 I.D. Split Spoon Sampler ASTM D2113 Standard Practice for Rock Core Drilling and Sampling of Rock for Site Exploration

## Laboratory Classification and Testing

Standard	Description
ASTM D2488	Standard Practice for Description and Identification of Soils
ASTM G57	Standard Test Method for Measurement of Soil Resistivity Using the Wenner Four-Electrode Method

## **Subsurface Profile**

Based on the results of our borings, the soils beneath the surface can be summarized in the table below:

<b>Material Encountered</b>	<b>Approximate Depth to Bottom of Stratum</b>	<b>Description</b>	<b>Consistency / Density</b>
CLAY	3	Gray and brown, moist sandy lean clay	Medium Stiff
SAND	12	Gray and brown, dry clayey sand	Dense to Very Dense
PWR	16	Partially Weathered Rock sample not recovered	--
SANDSTONE	26	Moderately weathered and fractured sandstone	--

Detailed descriptions of conditions encountered at each exploration point are indicated on the individual logs in the Appendix B. Stratification boundaries on the boring logs represent the approximate location of changes in soil types; in-situ, the transition between materials may be gradual.

Groundwater was not encountered at the time of drilling. Groundwater levels will fluctuate with seasonal and climatic changes and may be different at other times.

## **Earthwork Recommendations – Equipment Mat**

Earthwork is anticipated to include excavations and fill placement. The following sections provide recommendations for use in the preparation of the equipment mat foundation area and access drive.

### **Site Preparation**

The subgrade should be evaluated under the direction of the Geotechnical Engineer. Areas where soft material are present or excessively wet or dry material should either be removed, or moisture conditioned and recompacted.

### **Fill Material Types**

<b>Soil Type</b>	<b>USCS Classification</b>	<b>Acceptable Parameters (for Structural Fill)</b>
Imported Low- to Moderate- Plasticity Soil <sup>2</sup>	CL, ML, SC or SM	All locations and elevations
Sand / Gravel with greater than 12% fines	GW/GP, SW/SP	Crushed stone base course may be used for the access roadway or beneath shallow foundations as a replacement material for overexcavated soils.
Near-Surface On-site soils <sup>2</sup>	SC, CL	On-site soils generally appear suitable for use as fill when they contain at least 12% fines (clay and/or silt) and are compacted at an appropriate moisture content.

1. Controlled, compacted fill should consist of approved materials that are free of organic matter and debris. A sample of each material type should be submitted to the geotechnical engineer for evaluation.
2. Low- to moderate-plasticity cohesive soil or granular soil having at least 12% fines

### **Fill Compaction Requirements**

<b>Item</b>	<b>Structural Fill</b>	<b>General Fill</b>
Maximum Lift Thickness	8 inches or less in loose thickness when heavy, self-propelled compaction equipment is used	Same as Structural fill
Minimum Compaction Requirements <sup>1,2</sup>	98% of max. below foundations and within 1 foot of finished pavement subgrade 95% of max. above foundations, below floor slabs, and more than 1 foot below finished pavement subgrade	92% of max.
Water Content Range <sup>1</sup>	Low plasticity cohesive: -2% to +3% of optimum High plasticity cohesive: 0 to +4% of optimum Granular: -3% to +3% of optimum	As required to achieve min. compaction requirements

1. Maximum density and optimum water content as determined by the standard Proctor test (ASTM D 698).
2. High plasticity cohesive fill should not be compacted to more than 100% of standard Proctor maximum dry density.

### **Excavations**

Groundwater was not encountered at the time of drilling. Although not expected, if encountered in deep trench excavations during construction, groundwater or perched groundwater will require dewatering until backfilling operations are complete.

All excavations that may be required should, at a minimum, comply with applicable local, state and federal safety regulations, including the current OSHA Excavation and Trench Safety Standards to provide stability and safe working conditions.

### **Slopes**

For permanent slopes in unreinforced compacted fill areas, we recommended maximum configurations of 3:1 (Horizontal: Vertical) for the cohesive soils (clay) found at the site.

If steeper slopes are required for site development, stability analyses should be completed to design the grading plan. The face of all slopes should be compacted to the minimum specification for fill embankments. Fill slopes should be overbuilt and trimmed to compacted material.

### **Earthwork Construction Considerations**

The near-surface, on-site soils will lose strength when exposed to moisture. To the extent practical, earthwork should be performed during drier periods of weather. Increased remedial measures due to wet and soft or otherwise unsuitable conditions should be expected if earthwork is performed during colder and wetter periods of weather.

A qualified geotechnical engineer should be retained during the earthwork phase of the project to observe earthwork and to perform necessary tests and observations during subgrade preparation; to monitor proof-rolling, placement and compaction of controlled compacted fills, and backfilling of excavations to the completed subgrade.

### **Foundations Recommendations**

The following recommendations are made based on our review of the test boring data and our past experience with similar projects and subsurface conditions. Ultimate soil strength parameters are presented on table below.

### Ultimate Strength Parameters

Boring #	Depth (ft)	Unified Soil Classification	Total Unit Weight (pcf)	Friction Angle (degrees)	Cohesion (psf)
B-1	0.0 – 3.0	CL	105	--	700
	3.0 – 5.0	SC	130	32	--
	5.0 – 8.0	SC	130	32	--
	8.0 – 12.0	SC	125	32	--
	12.0 – 16.8	PWR	130	38	--
	16.8 – 26.8	SANDSTONE	145	45	--

1. Groundwater was not encountered at the time of drilling.

Based on the subsurface conditions and typical design foundation loads for similar monopole towers, we recommend that either a caisson (drilled shaft) or a pad/pier be used to support the new tower.

### ***Modulus of Subgrade Reaction***

A vertical and horizontal modulus of subgrade reaction may be derived using the following equations and soils parameters expressed in the above table:

$$k_{s-v} = 12 \cdot SF \cdot q_a$$

$$k_{s-h} = k_{s-v} \cdot B$$

Where:

$q_a$  = Allowable Bearing Capacity (ksf)

SF = Safety Factor

B = Base width (ft), use 1 if B < 1ft

$k_{s-v}$  = Vertical Modulus of Subgrade Reaction (kcf)

$k_{s-h}$  = Horizontal Modulus of Subgrade Reaction (ksf)



### ***Caisson (Drilled Shaft)***

Should caissons (drilled shafts) be used, the caissons (drilled shafts) will achieve compressive (downward) and tensile (uplift) resistance through skin friction along the sides of the shafts. In addition to skin friction, bearing resistance at the caisson's tip will contribute to compressive capacity. We recommend the values given the table below be used for this project. Please note the tip bearing capacity and skin frictions are net ultimate and ultimate values respectively. Appropriate factors of safety or resistance factors should be used. Lateral loads can be resisted by the lateral stiffness of the soil. Parameters for analysis of the laterally loaded caisson are also given the table below.

**Caisson (Drilled Shaft) Parameters**

<b>Depth (ft)</b>	<b>Net Ultimate Tip Bearing Capacity (ksf)</b>	<b>Ultimate Skin Friction<sup>1</sup> (ksf)</b>	<b>Lateral Modulus (pci)</b>	<b>ε<sub>50</sub> (in/in)</b>
0.0 – 3.0	--	--	--	--
3.0 – 5.0	--	0.3	225	--
5.0 – 8.0	--	0.4	225	--
8.0 – 12.0	--	0.5	225	--
12.0 – 16.8	40	0.9	225	--
16.8 – 26.8	40	1.8	225	--

1. We recommend the skin friction be ignored for the top 3 ft of the caisson

Based on the subsurface soil conditions, excavations for the caissons (drilled shafts) should be possible using a large, truck-mounted, hydraulic-advanced drill rig. All debris, loose or disturbed soil should be removed from the excavation prior to placing reinforced steel and/or concrete. Reinforcing steel and/or concrete should be placed immediately upon completion of the excavation.

The excavations may be susceptible to caving. Drilling fluid or casing could be used to assist in keeping the drilled hole open. If casing is used, we recommend it be removed from the excavation as concrete is being placed. Continuous vibration or other approved methods should be used during casing withdrawal to reduce the potential for void-space formation within the concrete. If water is present during concrete placement and/or drilling fluids are used to maintain hole stability,

concrete should be pumped or otherwise discharged to the bottom of the hole via a hose or tremie pipe. The end of the hose or tremie pipe must remain below the top surface of any water, drilling fluid and the in-place concrete at all times. Additionally, concrete should be consolidated using vibration methods over the entire length and width of the caissons and the consolidation should be performed only after these fluids are removed and to the extent possible.

### ***Pad & Pier / Single Mat Foundation***

If the site has been prepared in accordance with the requirements noted in *Earthwork Recommendations – Equipment Mat*, the tower's foundation capacity can be determined using the soil's bearing capacity, passive pressure resistance, and a sliding friction factor.

#### **Net Ultimate Bearing Capacity and Sliding Friction Factor**

Depth <sup>2</sup> (ft)	Net Ultimate Bearing Capacity <sup>1</sup> (psf)	Sliding Friction Factor <sup>1</sup>
0.0 – 2.0	--	--
2.0 – 12.0	10,000	0.30

1. This value is a net ultimate value and an appropriate factor of safety or resistance factor should be used

### **Ultimate Passive Pressure and Friction Factor**

Boring #	Depth (ft)	Ultimate Passive Pressure <sup>1</sup> (psf) <sup>1</sup>
B-1	0.0 – 2.0	0 – 400
	2.0 – 4.0	400 – 1,200
	4.0 – 8.0	1,200 – 2,800
	8.0 – 12.0	2,800 – 4,000
	12.0 – 20.0	4,000 – 7,200

1. Ultimate passive pressure can be interpolated for foundation depths with the depth ranges given

### ***Seismic Parameters***

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7 and the International Building Code (IBC)

### **Seismic Site Classification**

Item	Seismic Parameter
2018 International Building Code Seismic Site Classification	D <sup>1</sup>
Design Spectral Response Acceleration Parameters	S <sub>ds</sub> = 0.307g S <sub>d1</sub> = 0.223g

1. The IBC seismic site classification is based on the subsurface profile depth of 100 feet. The scope of work did not authorize exploration to a depth of 100 feet. A seismic Site Soil Classification of D should be used if insufficient details are known about the 100-foot soil profile.

## Field Electrical Resistivity Survey

An electrical resistivity survey was performed using the Wenner Four Point method (ASTM G57).. For each array, four copper-clad electrodes were inserted approximately 6 to 12 inches into the ground and one measurement was recorded at each A-spacing interval of 2, 4, 6, 8, 16 & 32 feet. Soil electrical resistivity testing results are summarized in the table below and may assist with the design of electrical grounding components and corrosion protection.

Apparent resistivity  $\rho$  is calculated as: 
$$\rho = \frac{4\pi aR}{1 + \frac{2a}{\sqrt{a^2 + 4b^2}} - \frac{a}{\sqrt{a^2 + b^2}}}$$

Electrode Spacing $a$		Electrode Depth $b$		N-S Test		E-W Test	
[feet]	[centimeters]	[inches]	[centimeters]	Measured Resistance $R$	Apparent Resistivity $\rho$	Measured Resistance $R$	Apparent Resistivity $\rho$
				$\Omega$	[ $\Omega$ -cm]	$\Omega$	[ $\Omega$ -cm]
2	61	6	15	1.36	570	1.40	590
4	122	6	15	1.32	1,040	1.41	1,110
6	183	6	15	1.36	1,580	1.40	1,630
8	244	12	30	1.38	2,170	1.40	2,200
16	488	12	30	1.37	4,230	1.00	3,090
32	975	12	30	1.42	8,700	1.00	6,140

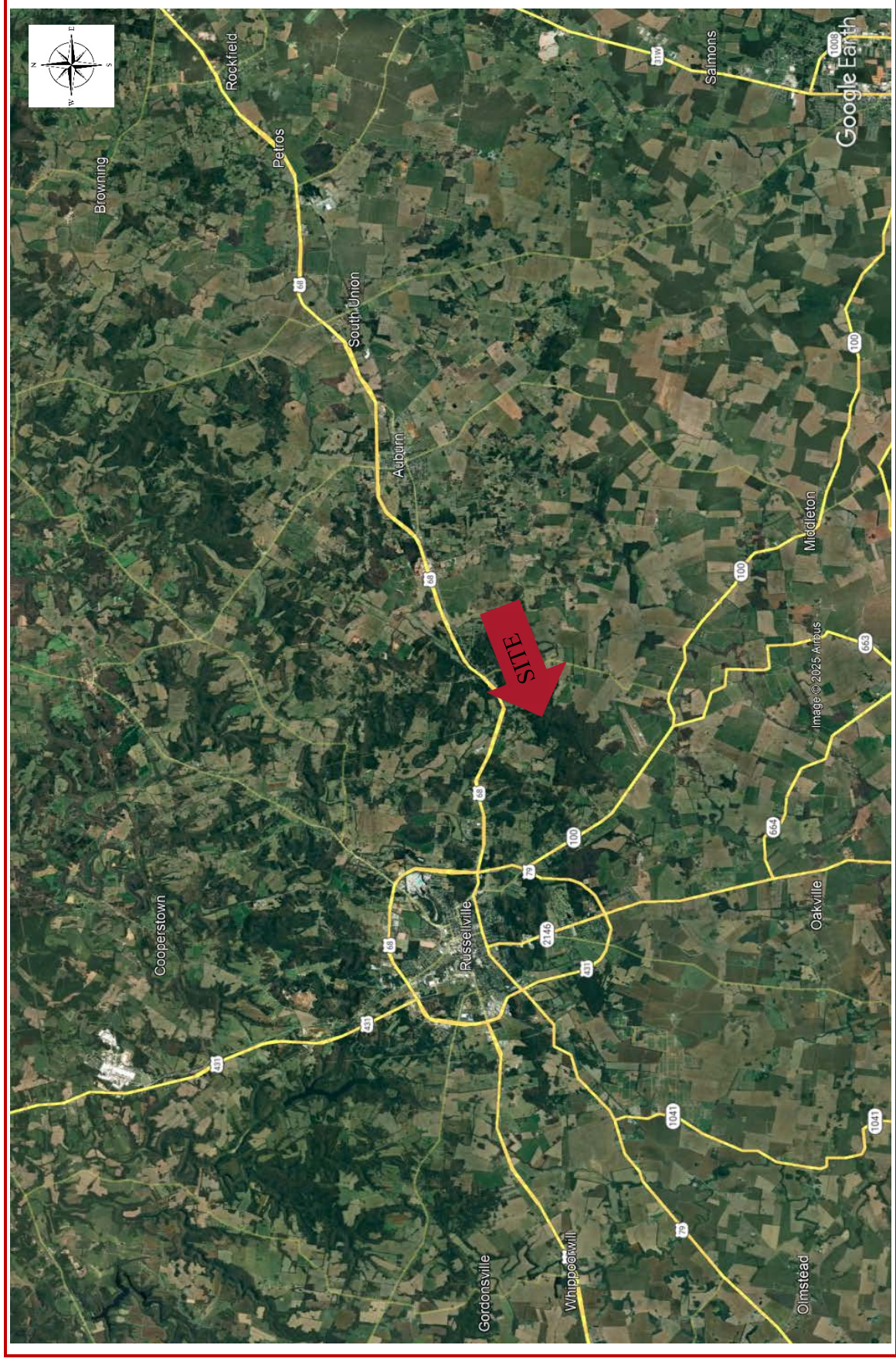
## LIMITATIONS OF REPORT

This report has been prepared in accordance with generally accepted geotechnical engineering practices for the specific application of this project. The conclusions in this report are based on the applicable standards of our practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

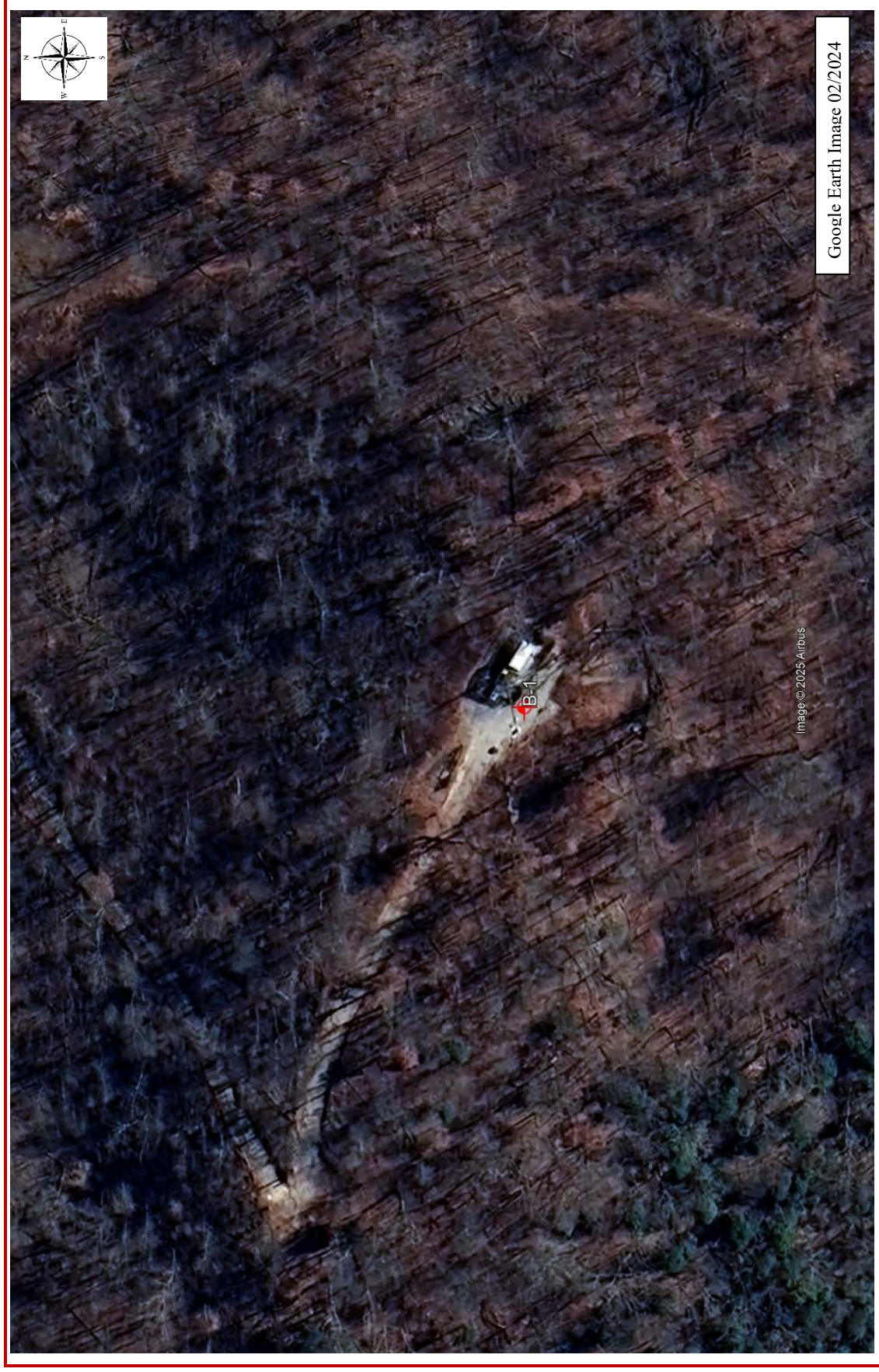
The analyses and conclusions submitted herein are based, in part, upon the data obtained from the subsurface exploration performed for this analysis. The soil and ground water conditions can vary across the site. Opinions and conclusions are subject to change if new or additional information is submitted for review.

**APPENDIX A**  
**LOCATION INFORMATION**









Google Earth Image 02/2024



**SITE PHOTO**

**CK RUSSELLVILLE SE (KY0111)**

Job Number: 25135516\_rev1



**APPENDIX B**  
**SOIL TEST BORING**





# BORING NUMBER B-1

PAGE 1 OF 1

CLIENT	Tower Co	PROJECT NAME	CK Russellville SE
PROJECT NUMBER	25135516	PROJECT LOCATION	Mud River Church Road, Russellville, KY 42276
DATE	6/3/2025	COORDINATES	36.8234, -86.8084
DRILLING METHOD	Hollow Stem Auger (HSA) and Rock Coring	GROUND WATER LEVELS:	
DRILLING EQUIPMENT	Mobile B-51	AT TIME OF DRILLING	--- Not Encountered
LOGGED BY	M. Nesbit	AT END OF DRILLING	--- Not Encountered
NOTES		AFTER DRILLING	--- Not Encountered

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)
0					
		<u>SANDY LEAN CLAY (CL)</u> , gray and brown, moist, medium stiff.			
			SS 1		5-2-5 (7)
		<u>CLAYEY SAND (SC)</u> , gray and brown, dry, dense to very dense.			
5			SS 2		6-22-32 (54)
			SS 3		8-26-26 (52)
10			SS 4		11-17-18 (35)
		<u>PARTIALLY WEATHERED ROCK (PWR)</u> , Sample not recovered.			
			SS 5		50/1"
15					
		<u>SANDSTONE</u> , Moderately weathered and fractured.			
			RC RC-1	72 (65)	
20					
			RC RC-2	38 (23)	
25					
		Bottom of borehole at 26.8 feet.			

**DIRECTIONS FROM LOGAN COUNTY COURTHOUSE:**

HEAD EAST ON W 3RD ST TOWARD MARKET SQ. TURN RIGHT ONTO N WINTER ST. TURN LEFT ONTO US-68 E BUS / W 4TH ST, THEN IMMEDIATELY TURN RIGHT ONTO US-68 E BUS / SW PARK SQ. TURN LEFT TO STAY ON US-68 E BUS / KY-3519 / S MAIN ST. TURN RIGHT ONTO US-68 E BUS / E 4TH ST. TURN RIGHT ONTO MUD RIVER CHURCH RD. SITE ACCESS IS AT THE END OF THE ROAD.

Prepared by Telecad Wireless, 423-843-9500

## GROUND LEASE AGREEMENT

THIS GROUND LEASE AGREEMENT ("Lease") is effective as of the later of the signature dates below ("Effective Date") by and between **DAVID YODER and BRENDA GAIL YODER**, husband and wife ("Lessor") and **TOWERCO 2013 LLC**, a Delaware limited liability company ("Lessee").

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Premises. Lessor is the owner of certain real property located in the City of Russellville, County of Logan, State of Kentucky, commonly known as Mud River Church Rd, Russellville, KY 42276 (the "Parent Parcel"), as more particularly described in Exhibit A annexed hereto. Lessor hereby leases to Lessee and Lessee leases from Lessor approximately ten thousand (10,000) square feet of the Parent Parcel and all access and utility easements if any ("Easements"), (the 10,000 square feet of lease area and the Easements shall collectively be referred to as the "Premises") as described in Exhibit B annexed hereto.
2. Use. The Premises may be used by Lessee and Lessee's tenants and licensees for the transmission and receipt of wireless communication signals in any and all frequencies, the construction, maintenance, operation, subleasing and licensing of a free-standing tower or towers, antennas, and buildings, and related facilities and activities, and for any other uses which are incidental thereto ("Intended Use"). Lessee and its sublessees and licensees shall have access to the Premises twenty-four (24) hours a day, seven (7) days a week. Lessor agrees to cooperate with Lessee in obtaining, at Lessee's expense, all licenses and permits required for Lessee's use of the Premises (the "Governmental Approvals"). Lessor further agrees to cooperate with Lessee in executing and delivering any documents requested by Lessee to obtain Government Approvals necessary for its Intended Use. In the event that Lessee's Intended Use of the Premises is actually or constructively prohibited then, in addition to any other remedies available to Lessee, Lessee shall have the option to terminate this Lease with notice to Lessor.
3. Term. The term of this Lease shall be five (5) years commencing on the date Lessee begins commercial operation of the Improvements (as defined in Paragraph 6(a)) or the third anniversary of the Effective Date, whichever first occurs ("Commencement Date") and terminating on the fifth (5<sup>th</sup>) anniversary of the Commencement Date (the "Term") unless otherwise provided in Paragraph 8.
4. Renewal Terms. Lessee shall have the right to extend this Lease for fifteen (15) additional five (5) year terms ("Renewal Terms"). Each Renewal Term shall be on the same terms and conditions as set forth in this Lease except that Rent shall increase as provided in paragraph 5. This Lease shall automatically be renewed for each successive Renewal Term unless Lessee notifies Lessor in writing of Lessee's intention not to renew the Lease at least thirty (30) days prior to the expiration of the Term or the Renewal Term which is then in effect.
5. Consideration. During the Term, Lessee shall pay Lessor the monthly sum of [REDACTED] ("Rent"). Rent shall be payable on the first day of each month in advance to Lessor at Lessor's address as specified in paragraph 17 below. Rent shall be increased on the commencement of each Renewal Term by [REDACTED] over the Rent payable during the immediately preceding term. If this Lease is terminated at a time other than on the anniversary of the Commencement Date, Rent shall be prorated as of the date of termination and all Rent paid in advance of the termination date shall be refunded to Lessee.

As further consideration for Lessor to enter into this Lease, Lessee shall pay to Lessor within ten (10) days of the Effective Date of this Lease, a one-time signing bonus of [REDACTED].

6. Improvements; Utilities; Access.

(a) Lessee shall have the right, at Lessee's sole cost and expense, to erect and maintain on the Premises improvements, personal property and facilities necessary or desired for its Intended Use (collectively the "Improvements"). The Improvements shall remain the exclusive property of the Lessee throughout the term and after the termination of this Lease. Lessee may construct, alter, demolish, reconstruct, restore, replace, supplement, modify and reconfigure the Improvements at any time during the Term or any Renewal Term of this Lease.

(b) Lessee shall remove all of the above-ground portions of the Improvements not later than one hundred eighty (180) days following any termination of this Lease. Lessor grants Lessee the right to clear all trees, undergrowth, or other obstructions and to trim, cut, and keep trimmed and cut all tree limbs which may interfere with or fall upon the Improvements or Premises. Lessor grants Lessee a non-exclusive easement in, over, across and through other real property owned by Lessor as reasonably required for construction, installation, maintenance, and operation of the Improvements. In the event that a guyed tower is constructed on the Premises, Lessor also grants Lessee an easement in, over, across and through Lessor's real property during the Term and any Renewal Term of this Lease for the installation and maintenance of and reasonable access to the guy wires and guy wire anchors.

(c) Lessee shall have the right to install power, telecommunications, cables, conduit, and any other utilities, including cabinets, vaults and improvements directly related to such utilities, on the Premises (or through third party easements, if necessary), at Lessee's sole expense, and to improve present utilities on the Premises (including but not limited to the installation of emergency power generators on the Premises). Lessee shall have the right to permanently place utilities on (or to bring utilities across or under) the Premises and the Improvements. In the event that utilities necessary to serve the equipment of Lessee or the equipment of Lessee's licensee(s) or sublessee(s) cannot be located within the Premises, Lessor agrees to cooperate with Lessee and to act reasonably in allowing the location of utilities on the Parent Parcel or other real property owned by Lessor without requiring additional compensation from Lessee or Lessee's licensee(s) or sublessee(s). Lessor shall, upon Lessee's request, execute within fifteen (15) days a separate written easement to the utility company providing the service or Lessee in a form which may be filed of record evidencing this right.

(d) Lessor grants to Lessee, its officers, agents, employees, sublessees, licensees and their independent contractors, the right and privilege to enter upon the Premises and the Parent Tract, to perform or cause to be performed test borings of the soil, environmental audits, engineering studies and to conduct a survey of the Premises and all or part of the Parent Tract. Lessor grants Lessee and its sublessees and licensees a license to use such portion of Lessor's property contiguous to the Premises on a temporary basis as reasonably required during the Term or any Renewal Term of this Lease for the construction, installation, maintenance or removal of the Improvements, including access for construction machinery and equipment, storage of construction materials and equipment and staging areas.

(e) Lessor represents and warrants to Lessee that Lessee shall at all times during this Lease enjoy ingress, egress and access from the Premises twenty-four (24) hours a day, seven (7) days a week to an open and improved public road which presently exists, and which shall be adequate to service the Premises and the Improvements. If no such public road exists or ceases to exist in the future, Lessor will grant an exclusive easement to Lessee, Lessee's sublessees and assigns so that Lessee may, at its own expense, construct a suitable private access drive to the Premises and the Improvements. To the degree such access is across other property owned by Lessor, Lessor shall execute an easement within fifteen (15) days of evidencing this right and Lessor shall maintain access to the Easements in a free and open condition so that no interference is caused to Lessee by other lessees, licensees, invitees, or agents of the Lessor which may utilize the Easements.

7. Lessor's Representations and Warranties. As an inducement for Lessee to enter into and be bound by the terms of this Lease, Lessor represents and warrants to Lessee and Lessee's successors and assigns that Lessor (i) has good and marketable title to the Premises, (ii) has the authority to enter into and be bound



by the terms of this Lease, (iii) to the best of Lessor's knowledge, there are no pending or threatened lawsuits, administrative actions (including bankruptcy or insolvency proceedings), suits, claims or causes of action against Lessor or which may otherwise affect the Premises, and (iv) the Premises are not presently subject to an option, lease, agreement or other contract which may adversely affect Lessor's ability to fulfill its obligations under this Lease. Lessor covenants and agrees that it shall not grant an option or enter into any contract which will adversely affect Lessee's Intended Use (as defined in paragraph 2 above) of the Premises until this Lease expires or is terminated by Lessee. The representations and warranties of Lessor shall survive the termination or expiration of the term of this Lease.

8. Termination. Except as otherwise provided herein, this Lease may be terminated, without any penalty or further liability upon written notice as follows:

(a) By either party upon a default of any covenant or term hereof by the other party which default is not cured within sixty (60) days of receipt of written notice of default (without, however, limiting any other rights available to the parties pursuant to any other provisions hereof); provided, that if the defaulting party commences good faith efforts to cure the default within such period the cure period may be extended upon mutual agreement, in writing, of the parties hereto;

(b) Upon thirty (30) days' written notice by Lessee to Lessor if (i) Lessee is unable to obtain or maintain any license, permit or other Governmental Approval necessary for the construction and operation of the Improvements or Lessee's business or (ii) Lessee's Intended Use of the Premises is actually or constructively interfered with; or

(c) By Lessee for any reason upon written notice from Lessee to Lessor.

9. Subleases. Lessee at its sole discretion shall have the right, without the consent of or notice to Lessor, to license, sublease or otherwise allow the occupancy of all or a portion of the Premises and the Improvements. Lessee's licensee(s) and sublessee(s) shall be entitled to modify the tower and Improvements, and erect and install additional improvements and personal property on the Premises and Improvements, including but not limited to antennas, dishes, cabling, utilities, emergency or back up power, generators, and equipment shelters. Lessee's licensee(s) and sublessee(s) shall be entitled to all rights of ingress and egress to the Premises, the right to install utilities on the Premises and the right to use the Premises for the Intended Use as if said licensee or sublessee were the Lessee under this Lease.

10. Taxes. Lessee shall pay any property taxes assessed solely against the Improvements. Lessor shall pay when due all property taxes and all other fees and assessments attributable to the Premises. In the event that Lessor fails to pay when due any taxes affecting the Premises or the Easements, Lessee shall have the right but not the obligation to pay such taxes and deduct the full amount of the taxes paid by Lessee on Lessor's behalf from future payments of Rent. Lessor agrees to provide to Lessee a copy of any notice, assessment or billing relating to any real or personal property taxes for which Lessee is responsible under this Lease within thirty (30) days of receipt of same by Lessor. Lessee shall not be obligated to reimburse Lessor for any applicable taxes unless Lessor requests such reimbursement within one (1) year after the date such taxes became due. Lessee shall have no obligation to make payment of any real or personal property taxes until Lessee has received notice, assessment or billing relating to such payment in accordance herewith. Lessee shall have the right, at its sole option, and at its sole cost and expense, to appeal, challenge or seek modification of any real or personal property tax assessment or billing for which Lessee is wholly or partly responsible for payment under this Lease. Lessor shall reasonably cooperate with Lessee in filing, prosecuting, and perfecting any appeal or challenge to real or personal property taxes as set forth herein, including but not limited to executing consent to appeal or other similar document.

11. Damage or Destruction. If the Premises or the Improvements are destroyed or damaged so as to hinder the effective use of the Improvements in Lessee's judgment, Lessee may elect to terminate this Lease as of the date of the damage or destruction by so notifying the Lessor.



12. Condemnation. If a condemning authority takes all of the Premises, or a portion sufficient in Lessee's determination, to render the Premises in the opinion of Lessee unsuitable for the use which Lessee was then making of the Premises, this Lease shall terminate the earlier of (i) the date title vests in the condemning authority or (ii) the date the condemning authority takes possession of the Premises or a portion of it. Lessor and Lessee shall share in the condemnation proceeds in proportion to the values of their respective interests in the Premises (which for Lessee shall include, where applicable, the value of its Improvements, moving expenses, prepaid rent, lost business, goodwill, and business relocation expenses). A sale of all or part of the Premises to a purchaser with the power of eminent domain in the face of the exercise of eminent domain power shall be treated as a taking by condemnation for the purposes of this paragraph. Except as provided in this paragraph, generally applicable condemnation law will apply in the event of a condemnation.

13. Insurance. Lessee, at Lessee's sole cost and expense, shall procure and maintain on the Premises and on the Improvements, bodily injury and property damage insurance with a combined single limit of at least One Million and 00/100 Dollars (\$1,000,000.00) per occurrence. Such insurance shall insure, on an occurrence basis, against liability of Lessee, its employees and agents arising out of or in connection with Lessee's use of the Premises and Improvements. Lessor, at Lessor's sole cost and expense, shall procure and maintain on the Parent Parcel, bodily injury and property damage insurance with a combined single limit of at least One Million Dollars (\$1,000,000) per occurrence. Such insurance shall insure, on an occurrence basis, against liability of Lessor, its employees and agents arising out of or in connection with Lessor's use, occupancy and maintenance of the Parent Parcel.

14. Interference. Lessor shall not, nor shall Lessor permit its lessees, licensees, invitees, or agents, to use any portion of the Parent Parcel or adjacent real property owned or controlled by Lessor in any way which interferes with Lessee's Intended Use of the Premises. Such interference shall be deemed a material breach of this Lease by Lessor and Lessor shall have the responsibility to immediately terminate such interference. In the event such interference is not immediately rectified, Lessor acknowledges that continuing interference will cause irreparable injury to Lessee, and Lessee shall have the right, in addition to any other rights that it may have at law or in equity, to bring an action to enjoin such interference or to terminate this Lease with notice to Lessor.

15. Environmental Compliance. Lessor represents, warrants and agrees (i) that neither Lessor nor, to Lessor's knowledge, any third party has used, generated, stored or disposed of, or permitted the use, generation, storage or disposal of, any contaminants, oils, asbestos, PCBs, hazardous substances or wastes as defined by federal, state or local environmental laws, regulations or administrative orders or other materials the removal of which is required or the maintenance of which is prohibited, regulated or penalized by any federal, state or local government authority ("Hazardous Materials") on, under, about or within the Parent Parcel and/or Easements in violation of any law or regulation, and (ii) that Lessor will not, and will not permit any third party to use, generate, store or dispose of any Hazardous Materials on, under, about or within the Parent Parcel and/or Easements in violation of any law or regulation. Lessee agrees that it will not use, generate, store or dispose of any Hazardous Material on, under, about or within the Premises in violation of any law or regulation. This Lease shall at the option of Lessee terminate and be of no further force or effect if Hazardous Materials are discovered to exist on the Parent Parcel and/or Easements through no fault of Lessee after Lessee takes possession of the Premises and Lessee shall be entitled to a refund of all the consideration paid in advance to Lessor under this Lease.

16. Environmental Indemnities.

(a) Lessor, its heirs, grantees, successors, and assigns shall indemnify, defend, reimburse and hold harmless Lessee from and against any and all environmental damages arising from the presence of Hazardous Materials upon, about or beneath the Parent Parcel and/or Easements, or migrating to or from the Parent Parcel and/or Easements, or arising in any manner whatsoever out of the violation of

any environmental requirements pertaining to the Parent Parcel and/or Easements and any activities thereon, which conditions exist or existed prior to or at the time of the execution of this Lease or which may occur at any time in the future through no fault of Lessee.

(b) Lessee, its heirs, grantees, successors, and assigns shall indemnify, defend, reimburse and hold harmless Lessor from and against environmental damages caused by the presence of Hazardous Materials on the Premises arising solely as the result of Lessee's activities after the execution of this Lease.

(c) Notwithstanding the obligation of Lessor to indemnify Lessee pursuant to this Lease, Lessor shall, upon demand of Lessee, and at Lessor's sole cost and expense, promptly take all actions to remediate the Parent Parcel and/or Easements which are required by any federal, state or local governmental agency or political subdivision or which are reasonably necessary to mitigate environmental damages or to allow full economic use of the Premises, which remediation is necessitated from the presence upon, about or beneath the Parent Parcel and/or Easements of a Hazardous Material. Such actions shall include but not be limited to the investigation of the environmental condition of the Parent Parcel and/or Easements, the preparation of any feasibility studies, reports or remedial plans, and the performance of any cleanup, remediation, containment, operation, maintenance, monitoring or actions necessary to restore the Parent Parcel and/or Easements to the condition existing prior to the introduction of Hazardous Material upon, about or beneath the Parent Parcel and/or Easements notwithstanding any lesser standard of remediation allowable under applicable law or governmental policies.

(d) The duties and indemnifications in this paragraph shall survive expiration or earlier termination of this Lease.

17. Notices. All notices, requests, demands and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested, or via a nationally recognized overnight delivery service to the following addresses or to such other addresses as may be specified in writing at any time during the term of this Lease:

If to Lessor, to:

David and Brenda Yoder  
3941 Middleton Rd.  
Auburn, KY 42206  
Phone: 270-221-5886  
Email: davidyoder66@yahoo.com

If to Lessee, to:

TowerCo 2013 LLC  
5000 Valleystone Drive, Suite 200  
Cary, NC 27519  
Attn: Property Management  
Site ID #: KY0111

18. Title and Quiet Enjoyment. Lessor warrants and represents that (i) it has the full right, power, and authority to execute this Lease; (ii) it has good and marketable fee simple title to the Premises free and clear of any liens and encumbrances or mortgages; (iii) there are no easements, licenses, rights, covenants or restrictions on use related to or affecting the Premises which will interfere with Lessee's Intended Use of the Premises; and (iv) the execution of this Lease by Lessor will not cause a breach or an event of default of any other agreement(s) to which Lessor is a party, and (v) the Premises constitutes a legal lot that may be leased without the need for any subdivision or platting approval. Lessor covenants that it shall comply with all applicable laws, regulations and requirements related to the Premises and that Lessee shall have

the quiet enjoyment of the Premises during the term of this Lease. Lessor shall indemnify Lessee from and against any loss, cost, expense or damage including attorneys' fees associated with a breach of the foregoing covenants. In the event that Lessor fails to keep the Premises free and clear of any liens and encumbrances, Lessee shall have the right but not the obligation to satisfy such lien or encumbrance and deduct the full amount paid by Lessee on Lessor's behalf from future installments of Rent. Lessor agrees to indemnify and hold harmless Lessee from any and all claims and/or notices of non-compliance brought against Lessor for any breach by Lessor of this warranty, and Lessor agrees to allow Lessee to continue to quietly enjoy the use of Lessor's Premises while Lessor remedies any such non-compliance. Should Lessee's use of the Premises become compromised due to any breach of the warranty and covenants contained in this paragraph, Lessor acknowledges that Lessee shall be substantially harmed and Lessee will seek to recover from Lessor any damages Lessee may sustain.

19. Occurrence of Lessor Default. The covenants, representations and conditions in this Lease are mutual and dependent. Upon the occurrence of any breach or nonperformance of any representation, warranty, covenant, agreement or undertaking made by Lessor in this Lease ("Default"), Lessee shall have the option to pursue any one or more of the following remedies without notice or demand: (a) Lessee, may, at its sole election, terminate the Lease; (b) Lessee, may, without being obligated and without waiving the Default, cure the Default, whereupon Lessor shall pay to Lessee, upon demand, all costs expenses, and disbursements incurred by Lessee to cure the Default. Lessee shall be permitted to offset said costs, expenses and disbursements incurred by Lessee against Rent or any other amounts due or becoming due by Lessee to Lessor under this Lease; or (c) Lessee shall be entitled to pursue any and all other rights or remedies available at law or equity, including specific performance of this Lease, with respect to Lessor's default.

20. Assignment. Upon written notice to Lessee, Lessor is permitted to transfer this Lease only in connection with the sale of the Parent Parcel and only on the following conditions: (a) the acquiring party must and will assume in writing all of the rights and obligations of Lessor under this Lease on and after the date of purchase of the Parent Parcel and (b) Lessor must retain no rights or obligations under the Lease after the date of sale of the Parent Parcel (a "Lessor Permitted Assignment"). Other than a Lessor Permitted Assignment, Lessor is prohibited from assigning, selling or otherwise transferring the Lease in whole or in part and Lessor is prohibited from granting any third party an easement or other real property interest in the Premises. Lessee may assign this Lease without the consent of or notice to Lessor. From and after the date this Lease has been sold, assigned, or transferred by Lessee to a third party agreeing to be subject to the terms hereof, Lessee shall immediately be released from any and all liability under this Lease, including the payment of any rental or other sums due, without any further action. Additionally, Lessee may mortgage or grant a security interest in this Lease and the Improvements and may assign this Lease and the Improvements to any such mortgagees or holders of security interests including their successors and assigns (hereinafter collectively referred to as "Secured Parties"). If requested, Lessor shall execute such consent to leasehold financing as may reasonably be required by Secured Parties. Lessor agrees to notify Lessee and Lessee's Secured Parties simultaneously of any default by Lessee and to give Secured Parties the same right to cure any default as Lessee except that the cure period for any Secured Party shall not be less than ten (10) days after the receipt of the default notice. If a termination, disaffirmance or rejection of the Lease pursuant to any laws (including any bankruptcy or insolvency laws) by Lessee shall occur, or if Lessor shall terminate this Lease for any reason, Lessor will give to the Secured Parties prompt notice thereof and Lessor will give the Secured Parties the right to enter upon the Premises during a thirty (30)-day period commencing upon the Secured Party's receipt of such notice for the purpose of removing any Improvements. Lessor acknowledges that the Secured Parties shall be third-party beneficiaries of this Lease.

21. Successors and Assigns. This Lease shall run with the Premises and shall be binding upon and inure to the benefit of the parties, their respective heirs, successors, personal representatives, and assigns.



22. Waiver of Lessor's Lien. Lessor hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Improvements or any portion thereof, regardless of whether or not same is deemed real or personal property under applicable laws.

23. Waiver of Incidental and Consequential Damages. Lessor will not assert any claim whatsoever against Lessee for loss of anticipatory profits or any other indirect, special, incidental or consequential damages incurred by Lessor as a result of the construction, maintenance, operation or use of the Premises by Lessee or its agents, licensees' or sublessees'.

24. Liability and Indemnity. Lessee shall indemnify and hold Lessor harmless from all claims (including reasonable attorneys' fees, costs, and expenses of defending against such claims) arising from the negligence or willful misconduct of Lessee or Lessee's agents or employees in or about the Premises. Lessor shall indemnify and hold Lessee harmless from all claims (including reasonable attorneys' fees, costs, and expenses of defending against such claims) arising from the negligence or willful misconduct of Lessor or Lessor's agents, employees, lessees, invitees, contractors or other tenants occurring in or about the Parent Parcel. The duties described herein survive termination of this Lease.

25. Right of First Refusal; Sale of the Premises. If Lessor elects (i) to sell or otherwise transfer to a third party all or any portion of the Premises, whether separately or as part of a larger parcel of which the Premises is a part, or (ii) to grant to a third party by easement, or other legal instrument, an interest, in and to any portion of the Premises for any purpose relating to operating and maintaining communications facilities or the management thereof, with or without an assignment of this agreement to such third party (including but not limited to assignments of rental streams associated with this agreement), Lessee shall have the right of first refusal to meet any bona fide offer of sale, assignment, or any other transfer on the same terms and conditions as such offer. Lessor shall immediately provide the Lessee with a copy of the bona fide offer together with a notice describing the offer in sufficient detail. If Lessee fails to accept such bona fide offer within thirty (30) days after receipt of the foregoing, Lessor may sell or grant the easement or interest in the Premises in accordance with the terms of such bona fide offer.

26. Miscellaneous.

(a) The substantially prevailing party in any litigation arising hereunder shall be entitled to its reasonable attorney's fees and court costs, including appeals, if any.

(b) Each party agrees to furnish to the other, within ten (10) days after request, such truthful estoppel information as the other may reasonably request.

(c) This Lease constitutes the entire agreement and understanding of the parties with respect to the subject matter of this Lease, and supersedes all offers, negotiations, and other agreements. There are no representations or understandings of any kind not set forth herein. Any amendments to said Lease must be in writing and executed by the parties.

(d) If either party is represented by a real estate broker in this transaction, that party shall be fully responsible for any fees due such broker and shall hold the other party harmless from any claims for commission by such broker.

(e) Lessor agrees to cooperate with Lessee in executing any documents necessary to protect Lessee's rights under this Lease or Lessee's use of the Premises, including but not limited to affidavits relating to title curative measures and subordination and non-disturbance agreements and to take any further action which Lessee may reasonably require as to effect the intent of this Lease.

(f) This Lease shall be construed in accordance with the laws of the state in which the Premises is situated.

(g) If any term of this Lease is found to be void or invalid, such invalidity shall not affect the remaining terms of this Lease, which shall continue in full force and effect.

(h) Upon request of Lessee, Lessor shall promptly execute and deliver to Lessee such documents as Lessee requests to evidence Lessee's rights in the Premises, including a memorandum of option and a memorandum of lease and/or amendments thereto. Lessee may file such documents of record in the property records in the county in which the Premises are located.

(i) Lessee may obtain title insurance on its interest in the Premises and Easements, and Lessor shall cooperate by executing documentation required by the title insurance company. In the event the Premises is encumbered by a mortgage or deed of trust, Lessor agrees to obtain and furnish, within thirty (30) days written request by Lessee, a non-disturbance agreement to the effect that Lessee and Lessee's sublessees or licensees will not be disturbed in the occupancy of the Premises by any foreclosure; provided that the rights and interests of Lessee under this Lease shall be subject and subordinate to such mortgage or deed of trust.

(j) Lessor hereby irrevocably appoints Lessee or Lessee's agent as Lessor's agent to file applications on behalf of Lessor with federal, state, and local governmental authorities which applications relate to Lessee's Intended Use of the Premises including but not limited to land use and zoning applications.

(k) This Lease may be executed in two or more counterparts, all of which shall be considered one and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties, it being understood that all parties need not sign the same counterpart and that scanned, or electronically reproduced copies of this Lease shall have the same force and effect as originals.

(l) Lessor will not, during the term of this Lease together with any extensions thereof, enter into any other lease, license, or other agreement for a similar purpose as set forth herein, on or adjacent to the Premises.

(m) In any case where the approval or consent of one party hereto is required, requested or otherwise to be given under this Lease, such party shall not unreasonably condition, delay or withhold its approval or consent.

27. Confidentiality. Lessor shall not disclose to any third party the Rent payable by Lessee under this Lease and shall treat such information as confidential, except that Lessor may disclose such information to prospective buyers, prospective or existing lenders, to Lessor's affiliates and attorneys, or as may be required by law or as may be necessary for the enforcement of Lessor's rights under this Lease. Lessor acknowledges that the disclosure of such information to any other parties may cause Lessee irreparable harm, and in the event of such disclosure, as an additional remedy, Lessee shall have the right to terminate this Lease upon giving thirty (30) days written notice thereof to Lessor.

**[SIGNATURES BEGIN ON NEXT PAGE]**

IN WITNESS WHEREOF, Lessor and Lessee have executed this Lease as of the date affixed to their signatures below.

**LESSOR:**

**DAVID YODER and BRENDA GAIL YODER**, husband and wife

By: David L. Yoder  
Name: David Yoder  
Title: Owner  
Date: \_\_\_\_\_

By: Brenda Gail Yoder  
Name: Brenda Gail Yoder  
Title: Owner  
Date: 8-10-23

**LESSOR ACKNOWLEDGEMENT:**

STATE OF KENTUCKY )  
COUNTY OF Logan )

Before me, Pat Jenkins the undersigned, a Notary Public for the State, personally appeared David Yoder, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument.

WITNESS my hand and official seal, this 10<sup>th</sup> day of August, 2023.

Pat Jenkins  
Notary Public  
Print Name PAT JENKINS  
Title (and Rank): Notary  
My commission expires: 7-2-2027

(seal)

STATE OF KENTUCKY )  
COUNTY OF Logan )

Before me, Pat Jenkins the undersigned, a Notary Public for the State, personally appeared Brenda Gail Yoder, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument.

WITNESS my hand and official seal, this 10<sup>th</sup> day of August, 2023.


Pat Jenkins  
Notary Public  
Print Name PAT JENKINS  
Title (and Rank): Notary  
My commission expires: 7-2-2027

(seal)



**LESSEE:**

**TOWERCO 2013 LLC**, a Delaware limited liability company


By:   
Name: Mike Smith  
Title: CFO  
Date: 8/15/23

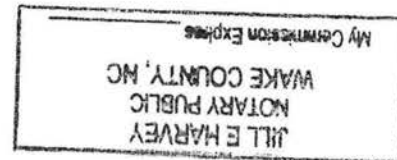
**LESSEE ACKNOWLEDGEMENT:**

STATE OF NORTH CAROLINA     )  
   )  
COUNTY OF WAKE                     )

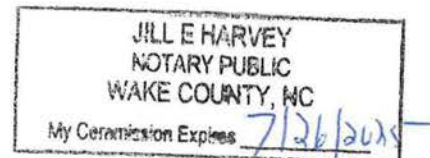
Before me, Jill E Harvey the undersigned, a Notary Public for the State, personally appeared Mike Smith who is the CFO of TowerCo 2013 LLC, a Delaware limited liability company, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the entity upon behalf of which he acted, executed the instrument.

WITNESS my hand and official seal, this 15<sup>th</sup> day of August, 2023.

  
Notary Public  
Print Name Jill E Harvey  
Title (and Rank): Paralegal / Notary Public  
My commission expires: 7/26/2025



(seal)



**EXHIBIT A**  
**DESCRIPTION OF PARENT PARCEL**

The Parent Parcel is described and/or depicted as follows:

**PARCEL ONE**

**Tract One:**

Unless stated otherwise, any monument referred to herein as a "set iron pin" is a 5/8" diameter steel reinforcing bar, eighteen inches in length with a plastic cap stamped "J.L. Harris P.L.S. 3148". All bearings stated herein are referred to found monumentation as described in Rosedale Farms boundary retracement performed by DDI Engineering dated November 06, 2013.

Beginning at a set iron pin at the Southwest right of way terminus of the Mud River church Road, corner to Morgan (Deed Book 342, Page 566-Tract #2); thence leaving said right of way with the line of Morgan and then Wright (Deed Book 409, Page 781) S 49 degrees 00' 36" W 215.79 feet to a set iron pin; thence turning left S 42 degrees 21' 39" E 622.50 feet to a found axle; thence turning left N 36 degrees 31' 48" E 214.11 feet to a found iron pin (#2474); thence N 35 degrees 42' 13" E 20.52 feet to a found iron pin (#2474), corner to Wright (Deed Book 357, Page 805-Tract #3); thence turning right with the line of Wright S 43 degrees 10' 33" E 528.39 feet to a point in the line of Wright, corner of Rosedale Farms, LLC (deed Book 412, Page 372), said point located N 63 degrees 13' 59" E 1.93 feet from a found reference iron pin (#2474); thence turning right with the line of Rosedale Farms S 63 degrees 14' 18" W 52.12 feet to a set iron pin, a new corner; thence turning right on a new division line N 43 degrees 10' 33" W 398.80 feet to a set iron pin; thence turning left S 53 degrees 50' 46" W 233.18 feet to a set iron pin; thence turning right N 42 degrees 21' 39" W 683.56 feet to a set iron pin; thence turning right N 49 degrees 00' 36" E 266.34 feet to a set iron pin in said right of way terminus; thence turning right with said right of way 43 degrees 31' 48" E 15.01 feet to the point of beginning. Described parcel containing 1.78 acres as shown by survey performed by Jeffrey L. Harris, P.L.S. #3148 with Benchmark Land Surveying, dated February 13, 2017.

**TRACT TWO**

**Tract A**

A certain parcel of land lying in Logan County, Kentucky and more particularly described and bounded as follows:

Beginning at stake in John Dawson's line; thence N 80 E 85 poles to a stake; thence N 31 E 13 poles to a rock; thence S 88 W 87 poles to a stake; thence S 18 W 20 poles to the beginning, containing 6 acres.

**Tract B**

A certain parcel of land lying in Logan County, Kentucky, about 5 miles Southeast of Russellville, and more particularly described and bounded as follows:

Bounded on the North by the lands of the grantors, on the east by Thelma Stevenson, John Watlington and Ross Turner Townsend, and on the West by John Dockins, John Henry Morgan, Marvin Pillor and E.C. Price, Jr., same being a triangular tract of real estate and containing 64 acres, more or less.

## Tract C

A certain parcel of land lying in Logan County, Kentucky about 4 miles easterly from Russellville on the waters of Muddy River and more particularly described as follows:

Beginning at a pile of rocks corner to Dawson; thence S 44 E 13 1/4 poles to a walnut corner to the same; thence S 18 W 9 poles to a stake; thence N 88 E 74 poles to a rock; thence N 59 W 85 poles to a stake in Maxwell's line; thence S 53 1/2 W 18 1/4 poles to two hickories; thence S 21 W 16 poles to the beginning, containing 11 acres more or less.

SUBJECT TO AN EASEMENT FROM MARVIN MILLER AND WIFE, SARAH MILLER TO JOHN MORGAN, DATED MARCH 9, 2017, AND RECORDED IN DEED BOOK 436, PAGE 25, OFFICE OF THE LOGAN COUNTY CLERK.

THERE IS EXCEPTED FROM THE ABOVE-DESCRIBED PROPERTY A 0.230 TRACT WITH A 20 FOOT ACCESS AND UTILITY EASEMENT THAT IS LEASED TO BLUEGRASS CELLUAR; RECORDED IN MISCELLANEOUS BOOK 118, PAGE 773, AND RETAINED BY THE GRANTOR.

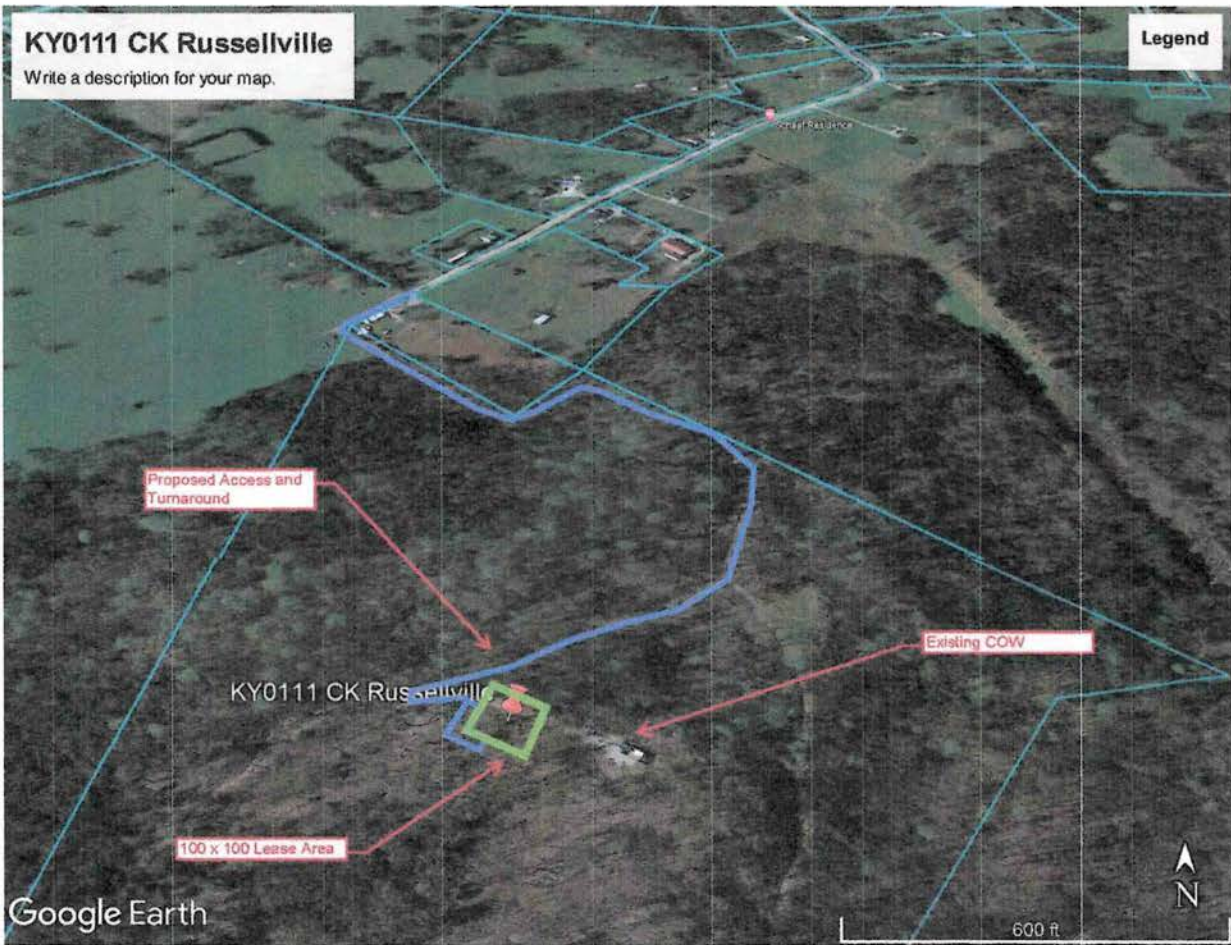
**EXHIBIT B**  
**DESCRIPTION OR DEPICTION OF PREMISES**

An approximately 100' x 100' (10,000) square foot tract of land, together with easements for ingress, egress and utilities described or depicted as follows:

(see attached)


**Note:** At Lessee's option, Lessee may replace this Exhibit with an exhibit setting forth the legal description of the Premises, or an as-built drawing depicting the site. Any visual or textual representation of the Improvements and facilities is illustrative only, and does not limit the rights of Lessee as provided for in the Lease. Without limiting the generality of the foregoing:

1. The Premises may be setback from the boundaries of Lessor's property as required by the applicable governmental authorities.
2. The access road's width may be modified as required by governmental authorities, including police and fire departments.
3. The locations of any access and utility easements are illustrative only. Actual locations may be determined by Lessee and/or the servicing utility company in compliance with local laws and regulations.










Subject  
PID: 097-00-00-026-01

David & Brend Yoder  
3941 Middleton Rd  
Auburn KY 42206

 Logan County, KY PVA

Elizabeth Williams ▾ Search

Layers ▾ Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator More ▾



Summary

Parcel Number	097-00-00-026-01
Account Number	72419
Location Address	MUD RIVER CHURCH RD
Description	MUD RIVER CHURCH RD 83 AC
	(Note: Not to be used on legal documents)
Class	Farm
Tax District	01 County
Rate Per Thousand	0.8740

[View Map](#)  
[Link to Sheriff Tax Bill Info](#)


Owner

Primary Owner

[YODER DAVID & BRENDA](#)  
3941 MIDDLETON RD  
AUBURN, KY 42206








PID: 097-00-00-026-00

John H & Elizabeth Morgan  
130 Lost City Rd  
Russellville KY 42276

 Logan County, KY PVA

Elizabeth Williams ▾ Search

Layers ▾ Map Search Results **Report** Sales Search Sales List Sales Results Tax Estimator More ▾



Summary

Parcel Number	097-00-00-026-00
Account Number	51853
Location Address	MUD RIVER CHURCH RD
Description	OFF MUD RIVER CH RD 82 AC TRACT
	(Note: Not to be used on legal documents)
Class	Farm
Tax District	01 County
Rate Per Thousand	0.8740

[View Map](#)  
[Link to Sheriff Tax Bill Info](#)

Owner

Primary Owner

[MORGAN JOHN H & ELIZABETH](#)  
130 LOST CITY RD  
RUSSELLVILLE, KY 42276



PID: 097-00-00-027-02  
John H & Elizabeth Morgan  
130 Lost City Rd  
Russellville KY 42276



Logan County, KY PVA

Elizabeth Williams

Search

search...

Layers

Map

Search

Results

Report

Sales Search

Sales List

Sales Results

Tax Estimator

More



Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

097-00-00-027-02

51853

OFF FRANKLIN RD 0

KNOBS OFF FRANKLIN RD

(Note: Not to be used on legal documents)

Farm

01 County

0.8740

[View Map](#)

[Link to Sheriff Tax Bill Info](#)

PID: 097-00-00-019-02  
David Lynn & Brenda Gail Yoder  
3914 Middleton Rd  
Auburn KY 42206



Logan County, KY PVA

Elizabeth Williams

Search

search...

Layers

Map

Search

Results

Report

Sales Search

Sales List

Sales Results

Tax Estimator

More



Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

111-00-00-019-02

74812

DENNIS CORINTH RD

DENNIS CORINTH RD 116.04 AC

(Note: Not to be used on legal documents)

Farm

01 County

0.8740

[View Map](#)

[Link to Sheriff Tax Bill Info](#)

Owner

Primary Owner

YODER DAVID LYNN & BRENDA GAIL

3941 MIDDLETON RD

AUBURN, KY 42206

PID: 097-00-00-003-07  
David Yoder & Cody Eash  
1999 Flat Rock Rd  
Woodburn KY 42170



Logan County, KY PVA

Elizabeth Williams

Search

search...

LayersMapSearchResultsReportSales SearchSales ListSales ResultsTax EstimatorMore



Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

111-00-00-003-07

71571

MUD RIVER CHURCH RD 248

248 MUD RIVER CHURCH RD

(Note: Not to be used on legal documents)

Farm

01 County

0.8740

View Map

Link to Sheriff Tax Bill Info

PID: 097-00-00-010-02  
Joey Wright  
PO Box 1392  
Russellville KY 42276



Logan County, KY PVA

Elizabeth Williams

Search

search...

LayersMapSearchResultsReportSales SearchSales ListSales ResultsTax EstimatorMore



Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

097-00-00-010-02

68222

MUD RIVER CHURCH RD 626

626 MUD RIVER CHURCH RD MH & 2.89

AC

(Note: Not to be used on legal documents)

Residential

01 County

0.8740

View Map

Link to Sheriff Tax Bill Info



Owner

Primary Owner

WRIGHT JOEY

P.O. BOX 1392

RUSSELLVILLE, KY 42276

PID: 097-00-00-010-04  
Nathaniel Irvin & Page Zoe  
5893 Scottsville Rd, Apt 15  
Bowling Green KY 42104

Logan County, KY PVA

Elizabeth Williams

Search

search...

LayersMapSearchResultsReportSales SearchSales ListSales ResultsTax EstimatorMore

Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

097-00-00-010-04

78520

MUD RIVER CHURCH RD

MUD RIVER CHURCH RD 4.02 AC

(Note: Not to be used on legal documents)

Residential

01 County

0.8740

View Map

Link to Sheriff Tax Bill Info



PID: 097-00-00-010-00  
Virginia Morgan Johnson  
1312 Concord Rd  
Russellville KY 42276

Logan County, KY PVA

Elizabeth Williams

Search

search...

LayersMapSearchResultsReportSales SearchSales ListSales ResultsTax EstimatorMore

Summary

Parcel Number

Account Number

Location Address

Description

Class

Tax District

Rate Per Thousand

097-00-00-010-00

49569

MUD RIVER CHURCH RD

MUD RIVER CHURCH RD 28 AC TRACT

(Note: Not to be used on legal documents)

Farm

01 County

0.8740

View Map

Link to Sheriff Tax Bill Info

Owner

Primary Owner

JOHNSON VIRGINIA MORGAN

1312 CONCORD RD

RUSSELLVILLE, KY 42276

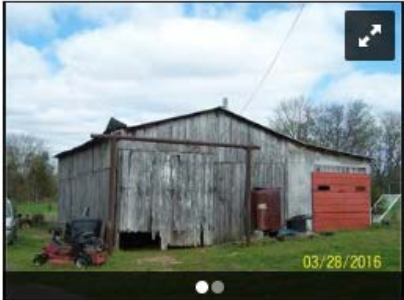
PID: 097-00-00-010-01  
Rodger Dale & Darlene Wright  
3060 Stuart Chapel RD  
Lewisburg KY 42256



Summary

Parcel Number	097-00-00-010-01
Account Number	70181
Location Address	MUD RIVER CHURCH RD
Description	MUD RIVER CHURCH RD BARN & .84 AC
	(Note: Not to be used on legal documents)
Class	Residential
Tax District	01 County
Rate Per Thousand	0.8740

[View Map](#)  
[Link to Sheriff Tax Bill Info](#)



Owner

Primary Owner  
WRIGHT RODGER DALE AND DARLENE  
3060 STUART CHAPEL RD  
LEWISBURG, KY 42256



www.clarkquinnlaw.com

Russell L. Brown  
Attorney at Law  
rbrown@clarkquinnlaw.com

320 N. Meridian St., Ste. 1100  
Indianapolis, IN 46204  
(317) 637-1321 main  
(317) 687-2344 fax

March 25, 2025

**Notice of Proposed Construction of  
Wireless Communications Facility  
Site Name: Russellville SE**

TowerCo 2013, LLC and Cellco Partnership, d/b/a Verizon Wireless propose to construct a wireless communications facility on a site located on the south side of Mud River Church Road, approximately 0.6 miles south of US Hwy 68; Russellville KY 42276 (North Latitude: (36° 49' 24.40"), West Longitude (86° 48' 30.30"). The proposed facility will include a 195-foot-tall self-supporting tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area. It should be noted that there is an existing temporary tower on this site. Once the new tower is constructed and on air, the existing temporary tower will be decommissioned and removed.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, PO Box 615, Frankfort Kentucky 40602. Please refer to docket number 2025-00068 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Co-Applicant's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us at 317-637-1321 if you have any comments or questions about this proposal.

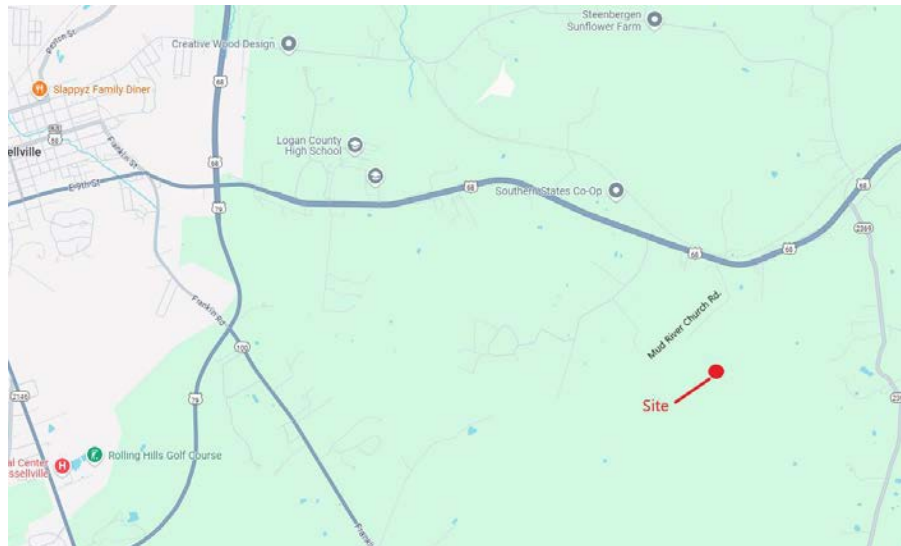
Sincerely,

A handwritten signature in black ink, appearing to read 'RLB', written over a horizontal line.

Russell L. Brown  
Attorney for Applicant

RLB/jmc  
Enclosure

## Location Map







**ClarkQuinn**  
Clark, Quinn, Moses, Scott & Grahn, LLP

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US POSTAGE<sup>®</sup> PITNEY BOWES



ZIP 46204 \$ 009.64<sup>0</sup>  
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David & Brenda Yoder  
3941 Middleton Rd  
Auburn, KY 42206

**CERTIFIED MAIL**



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Clark, Quinn, Moses, Scott & Grahn, LLP



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John H & Elizabeth Morgan  
130 Lost City Rd.  
Russellville, KY 42276

**CERTIFIED MAIL**



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David Lynn & Brenda Gail Yoder  
3941 Middleton Rd  
Auburn, KY 42206



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David Yoder & Cody Eash  
1999 Flat Rock Rd.  
Woodburn, KY 42170



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Joey Wright  
PO Box 1392  
Russellville, KY 42276



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Nathaniel Irvin & Page Zoe  
5893 Scottsville Rd., Apt 15  
Bowling Green, KY 42104



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0006035028 MAR 25 2025

Virginia Morgan Johnson  
1312 Concord Rd.  
Russellville, KY 42276

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Clark, Quinn, Moses, Scott & Grahn, LLP



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02 7H  
0006035028 MAR 25 2025

Rodger Dale & Darlene Wright  
3060 Stuart Chapel Rd.  
Lewisburg, KY 42256



SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>David Lynn &amp; Brenda Gail Yoder 3941 Middleton Rd Auburn, KY 42206</p>  <p>9590 9402 9230 4295 7519 99</p>		<p>A. Signature  <input checked="" type="checkbox"/> <i>Charlotte Yoder</i>  <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p>C. Date of Delivery  4/1/25</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1687 9007 27</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>	
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Delivery Restricted Delivery</p>		<p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	

## SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

David Yoder & Cody Eash  
1999 Flat Rock Rd.  
Woodburn, KY 42170



9590 9402 9230 4295 7519 82

## 2. Article Number (Transfer from service label)

9589 0710 5270 1687 9007 34

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *Cody Eash*

☐ Agent☒ Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

3/21/05

## D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☒ No

## 3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Restricted Delivery

(over \$500)



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1. Article Addressed to:

Nathaniel Irvin & Page Zoe  
5893 Scottsville Rd., Apt 15  
Bowling Green, KY 42104



9590 9402 9230 4295 7519 68

2. Article Number (Transfer from service label)

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PS Form 3811, July 2020 PSN 7530-02-000-9053

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☐ Addressee

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If YES, enter delivery address below: ☐ No

3. Service Type

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| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input checked="" type="checkbox"/> Certified Mail®              | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery |   |
| <input type="checkbox"/> Insured Mail                            |   |
| <input type="checkbox"/> Restricted Delivery                     |   |

Domestic Return Receipt



**ClarkQuinn**  
Clark, Quinn, Moses, Scott & Grahn, LLP

**CERTIFIED MAIL®**



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25 MAR 2025PM 2 L

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US POSTAGE<sup>IMP</sup> PITNEY BOWES



ZIP 46204

02 7H

0006035028

**\$ 009.64<sup>0</sup>**

MAR 25 2025

~~NY 3/26/25~~

Joey Wright  
PO Box 1392  
Russellville, IN 46776



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372 EE 1

7204/05/25

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NOT DELIVERABLE AS ADDRESSED  
UNABLE TO FORWARD

MANUAL PROC REQ

\*1812-06315-26-39

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UTF

42276-9326020004500067

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

320 North Meridian Street, Suite 1100 • Indianapolis, Indiana 46204-1729

**SENDER: COMPLETE THIS SECTION**

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Rodger Dale & Darlene Wright  
3060 Stuart Chapel Rd.  
Lewisburg, KY 42256



9590 9402 9230 4295 7519 44

Article Number (Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

72

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☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt



ClarkQuinn

www.clarkquinnlaw.com

Russell L. Brown  
Attorney at Law  
rbrown@clarkquinnlaw.com

320 N. Meridian St., Ste. 1100  
Indianapolis, IN 46204  
(317) 637-1321 main  
(317) 687-2344 fax

May 13, 2025

**Notice of Proposed Construction of  
Wireless Communications Facility  
Site Name: Russellville SE**

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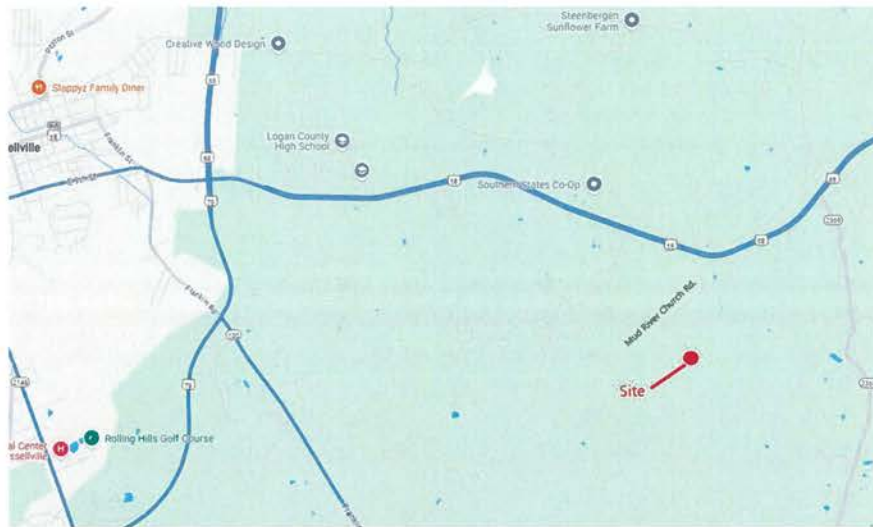
Sincerely,

Russell L. Brown  
Attorney for Applicant

RLB/mnw  
Enclosure



## Location Map



ClarkQuinn  
Clark, Quinn, Moses, Scott & Grahn, LLP

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

**CERTIFIED MAIL®**



9589 0710 5270 1450 3499 75

FIRST-CLASS



US POSTAGE<sup>IMPITNEY BOWES</sup>

ZIP 46204  
02 7H  
0006035028

**\$ 009.64<sup>0</sup>**  
MAY 13 2025

David & Brenda Yoder  
3941 Middleton Rd  
Auburn, KY 42206

9589 0710 5270 1450 3499 75

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com).

OFFICIAL USE

Certified Mail Fee

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Extra Services & Fees (check box, add fee as appropriate)

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|--|----|--|
| <input type="checkbox"/> Return Receipt (hardcopy)           | \$ |  |
| <input type="checkbox"/> Return Receipt (electronic)         | \$ |  |
| <input type="checkbox"/> Certified Mail Restricted Delivery  | \$ |  |
| <input type="checkbox"/> Adult Signature Required            | \$ |  |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |  |

Postmark  
Here

Postage

\$

Total Postage

\$

Sent To

Street and Ap

City, State, Zi

David & Brenda Yoder  
3941 Middleton Rd  
Auburn, KY 42206

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

David & Brenda Yoder  
3941 Middleton Rd  
Auburn, KY 42206



9590 9402 9230 4295 7507 70

## 2. Article Number (Transfer from service label)

9589 0710 5270 1450 3499 75

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X Brenda Yoder

- ☐ Agent  
☒ Addressee

## B. Received by (Printed Name)

Brenda Yoder

## C. Date of Delivery

5-20-25

## D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Mail  
Restricted Delivery  
(90)

Domestic Return Receipt





[www.clarkquinnlaw.com](http://www.clarkquinnlaw.com)

Russell L. Brown  
Attorney at Law  
[rbrown@clarkquinnlaw.com](mailto:rbrown@clarkquinnlaw.com)

320 N. Meridian St., Ste. 1100  
Indianapolis, IN 46204  
(317) 637-1321 main  
(317) 687-2344 fax

March 25, 2025

**Via Certified Mail, Return Receipt Requested**  
**9589 0710 5270 1687 9006 97**

Hon. Phillip Baker  
Logan County Judge Executive  
200 West 4<sup>th</sup> Street  
Russellville KY 42276

RE: Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2025-00068  
Site Name: Russellville SE


Dear Judge Baker:

TowerCo 2013, LLC and Cellco Partnership, d/b/a Verizon Wireless propose to construct a wireless communications facility on a site located on the south side of Mud River Church Road, approximately 0.6 miles south of US Hwy 68; Russellville KY 42276 (North Latitude: (36° 49' 24.40"), West Longitude (86° 48' 30.30"). The proposed facility will include a 195-foot-tall self-supporting tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area. It should be noted that there is an existing temporary tower on this site. Once the new tower is constructed and on air, the existing temporary tower will be decommissioned and removed.

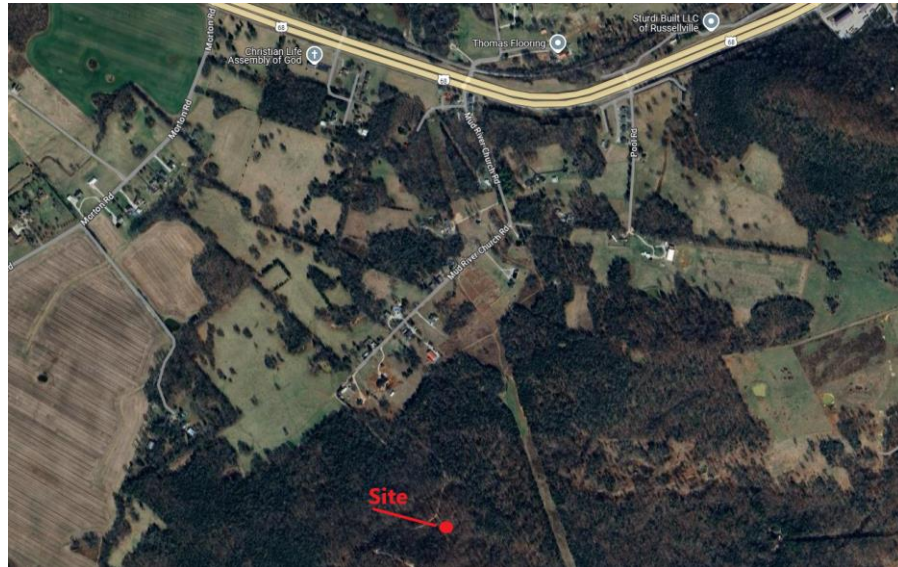
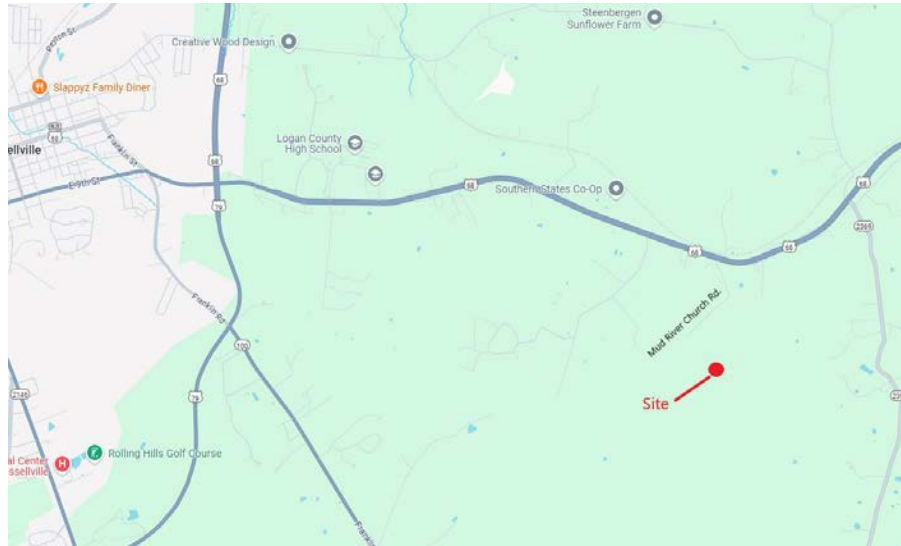
You have a right to submit comments to the PSC or request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00068 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. Verizon Wireless' radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to the wireless customers in the area. Please feel free to contact us with any comments or questions you may have.

Sincerely,

  
Russell L. Brown  
Attorney for Applicant

## Location Map



**CERTIFIED MAIL®**



**ClarkQuinn**  
Clark, Quinn, Moses, Scott & Grahn, LLP



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US POSTAGE<sup>TM</sup> PITNEY BOWES



ZIP 46204  
02 7H  
0006035028 \$ 009.64<sup>0</sup>  
MAR 25 2025

Honorable Phillip Baker  
Logan County Judge Executive  
200 West 4th Street  
Russellville, KY 42276

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Honorable Philip Baker  
Logan County Judge Executive  
200 West 4th Street  
Russellville, KY 42276



9590 9402 9230 4295 7520 26

2. Article Number (Transfer from service label)

9589 0710 5270 1687 9006 97

PS Form 3811, July 2020 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Olivia Epley*

- ☐ Agent  
☐ Addressee

B. Received by (Printed Name)

*Olivia Epley*

C. Date of Delivery

*3/3/25*

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Insured Mail Restricted Delivery

- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

## SITE NAME: RUSSELLVILLE SE NOTICE SIGNS

The signs are at least (2) feet by four (4) feet in size, of durable material, with the text printed in black letters at least one (1) inch in height against a white background, except for the word "**tower**," which is at least four (4) inches in height.

TowerCo 2013, LLC and Celco Partnership, d/b/a Verizon Wireless propose to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahm, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00068 in any correspondence sent in connection with this matter.

TowerCo 2013, LLC and Celco Partnership, d/b/a Verizon Wireless propose to construct a telecommunications **tower** on this site. If you have questions, please contact Clark, Quinn, Moses, Scott & Grahm, LLP, 320 N. Meridian Street, Indianapolis, IN 46204; 317-637-1321, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00068 in any correspondence sent in connection with this matter.



Robert B. Scott  
Charles R. Grahn  
Frank D. Otte\*  
John "Bart" Herriman  
William W. Gooden\*\*  
Michael P. Maxwell  
Russell L. Brown\*\*†  
Jennifer F. Perry  
Keith L. Beall  
N. Davey Neal  
Travis W. Cohron  
Maggie L. Sadler  
Kristin A. McIlwain  
Olivia A. Hess

VIA EMAIL: [classifieds@messenger-inquirer.com](mailto:classifieds@messenger-inquirer.com)

---

Land Use Consultant  
Elizabeth Bentz Williams, AICP

---

News-Democrat & Leader  
250 N. Main St.  
Russellville, KY 42276

\*Also admitted in Montana  
†Also admitted in Kentucky  
\*\*

Registered Civil Mediator

RE: Legal Notice Advertisement  
Site Name: Russellville SE

To Whom It May Concern,

Please publish the following legal notice advertisement in the next available edition of the Logan County/Russellville Publication:

#### NOTICE

**TowerCo 2013, LLC and Celco Partnership, d/b/a Verizon Wireless propose to construct a wireless communications facility on a site located on the south side of Mud River Church Road, approximately 0.6 miles south of US Hwy 68; Russellville KY 42276 (North Latitude: (36° 49' 24.40"), West Longitude (86° 48' 30.30"). The proposed facility will include a 195-foot-tall self-supporting tower, plus a 4-foot lightning arrestor and related ground facilities. It should be noted that there is an existing temporary tower on this site. Once the new tower is constructed and on air, the existing temporary tower will be decommissioned and removed. You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2025-00068 in any correspondence sent in connection with this matter.**

After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Clark, Quinn, Moses, Scott & Grahn, LLC, 320 N. Meridian Street, Indianapolis, IN 46204 or by email to [ebw@clarkquinnlaw.com](mailto:ebw@clarkquinnlaw.com). Please call me on my cell with any questions at 317-902-2187. Thank you for your assistance.

Sincerely,

Elizabeth Bentz Williams, AICP



*Name*

*Re:*

July 8, 2025

Page **2** of **2**

Design Search Area Map





January 30, 2024

RE: Proposed Cellco Partnership d/b/a Verizon Wireless Communications

Facility Site Name: CK Russellville SE II

Type of Tower: 199 ft. Monopole

Location: Mud River Church Rd, Russellville, KY 42276

To Whom It May Concern:

As a radio frequency engineer for Verizon Wireless, I am providing this letter to state the need for a Verizon Wireless site called, CK Russellville SE II.

The CK Russellville SE II site is proposed with the below objectives:

1. To improve cellular service to the residents and business South East of Russellville and the nearby area.
2. To improve service along HWY 68.
3. To offload existing traffic of existing Verizon sites in this area.

Currently the area is experiencing poor service along HWY 68 and outside of the city of Russellville. There is a high demand for wireless high-speed data and phone service in this area. This tower is needed to provide all Verizon customers in the area with the best experience on their wireless devices.

Raw Land – Design plans for a new tower would provide overall tower height of 199' with a Verizon Wireless Centerline of 190'. The new structure height was decided upon to best cover the residents and business South East of Russellville, HWY 68, and to offload traffic from the nearby existing Verizon sites. If we are limited to building a structure less than the proposed height, another tower would be needed in the vicinity in the near future. In addition, building a structure that is too short can cause existing taller sites to cover over the proposed site and building a site that is too tall can cause the proposed site to shoot over existing sites. Both situations create a poor experience from a user perspective. The new structure is proposed to be placed near the center of the problem area. The new tower design solves the stated objectives.

Verizon Wireless cares about the communities as well as the environment and prefers to collocate on existing structures when available. Verizon Wireless is currently collocated on some existing structures in the area. We prefer collocation due to reduced construction costs, faster deployment, and environment protection. However, Verizon Wireless was unable to find a suitable structure within the center of demand area to collocate the proposed site.



Verizon Wireless design engineers establish search area criteria in order to effectively meet coverage objectives as well as offload existing Verizon cell sites. When met, the criterion also reduces the need for a new site to cover the area in the immediate future. Each cellular site covers a limited area, depending on site configuration and the surrounding terrain. Cell sites are built in an interconnected network; which means each cell site must be located so that their respective coverage areas are contiguous. This provides uninterrupted communications throughout the coverage area.

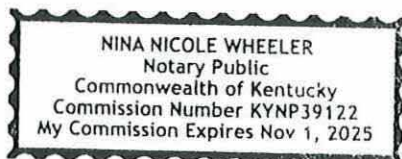
Since collocation is generally the most cost-effective means for prompt deployment of new facilities, Verizon Wireless makes every effort to investigate the feasibility for using existing towers or other tall structures for collocation when designing a new site or system expansion. However, collocation on an existing tower or tall structure is not always feasible due to location of existing cell sites. Cell sites are placed in a way so they provide smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources and raise a system capacity overload concern. This cell site has been designed, and shall be constructed and operated in a manner that satisfies regulations and requirements of all applicable governmental agencies that have been charged with regulating tower specifications, operation, construction, and placement, including the FAA and FCC.

Sincerely,

Steven Belcher  
Sr RF Engineer  
Verizon Wireless

1/30/24

Nina Nicole Wheeler  
Notary Public





January 30, 2024

RE: Zoning Plots

Site Name: CK Russellville SE II

To Whom It May Concern:

This map is not a guarantee of coverage and may contain areas with no service. This map reflects a depiction of predicted and approximate wireless coverage of the network and is intended to provide a relative comparison of coverage. The depictions of coverage do not guarantee service availability as there are many factors that can influence coverage and service availability. These factors vary from location to location and change over time. The coverage areas may include locations with limited or no coverage. Even within a coverage area shown, there are many factors, including but not limited to, usage volumes, outages, customer's equipment, terrain, proximity to buildings, foliage, and weather that may impact service.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Belcher", written over a horizontal line.

Steven Belcher

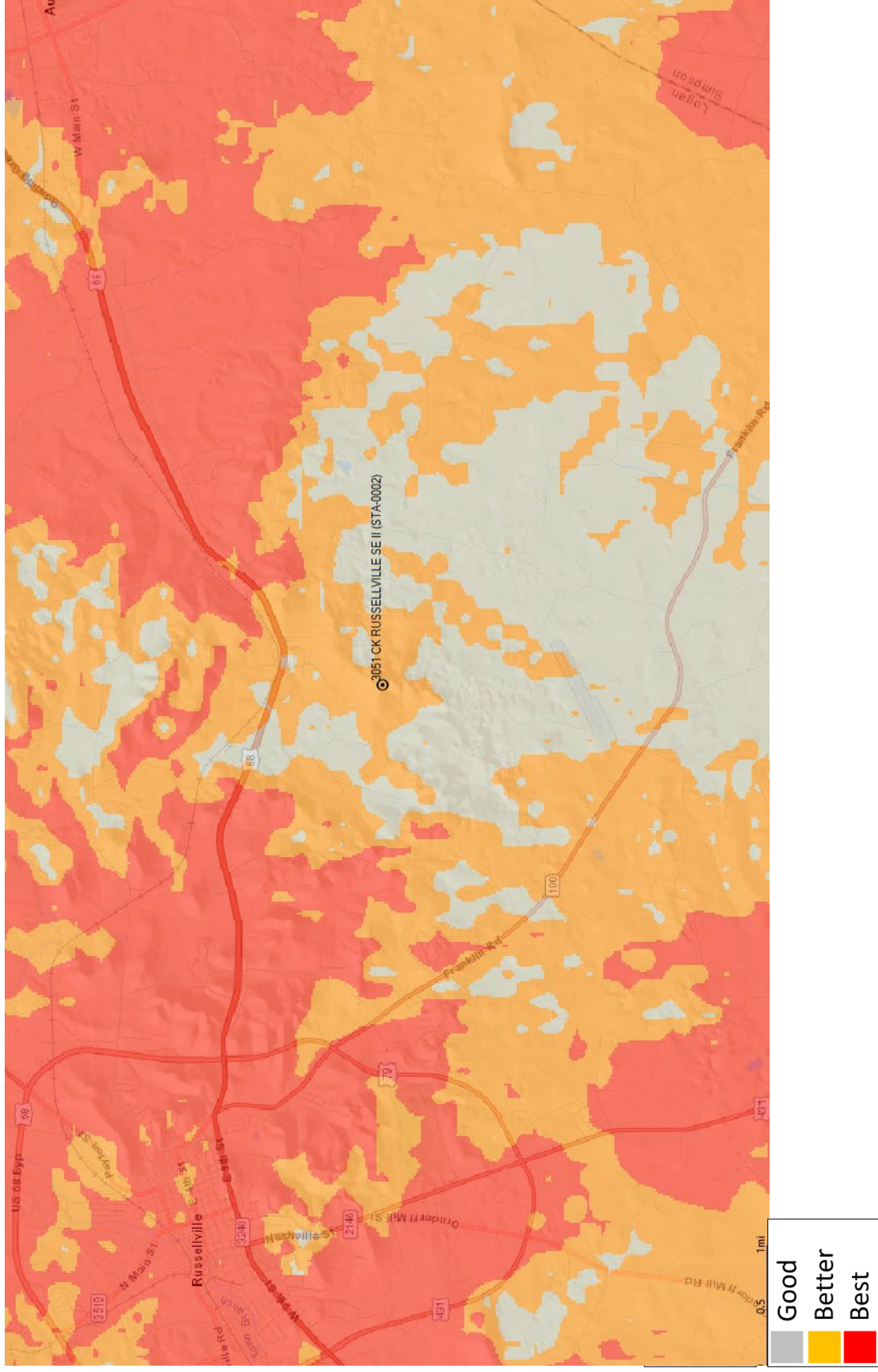
Sr RF Engineer

**Verizon Wireless**





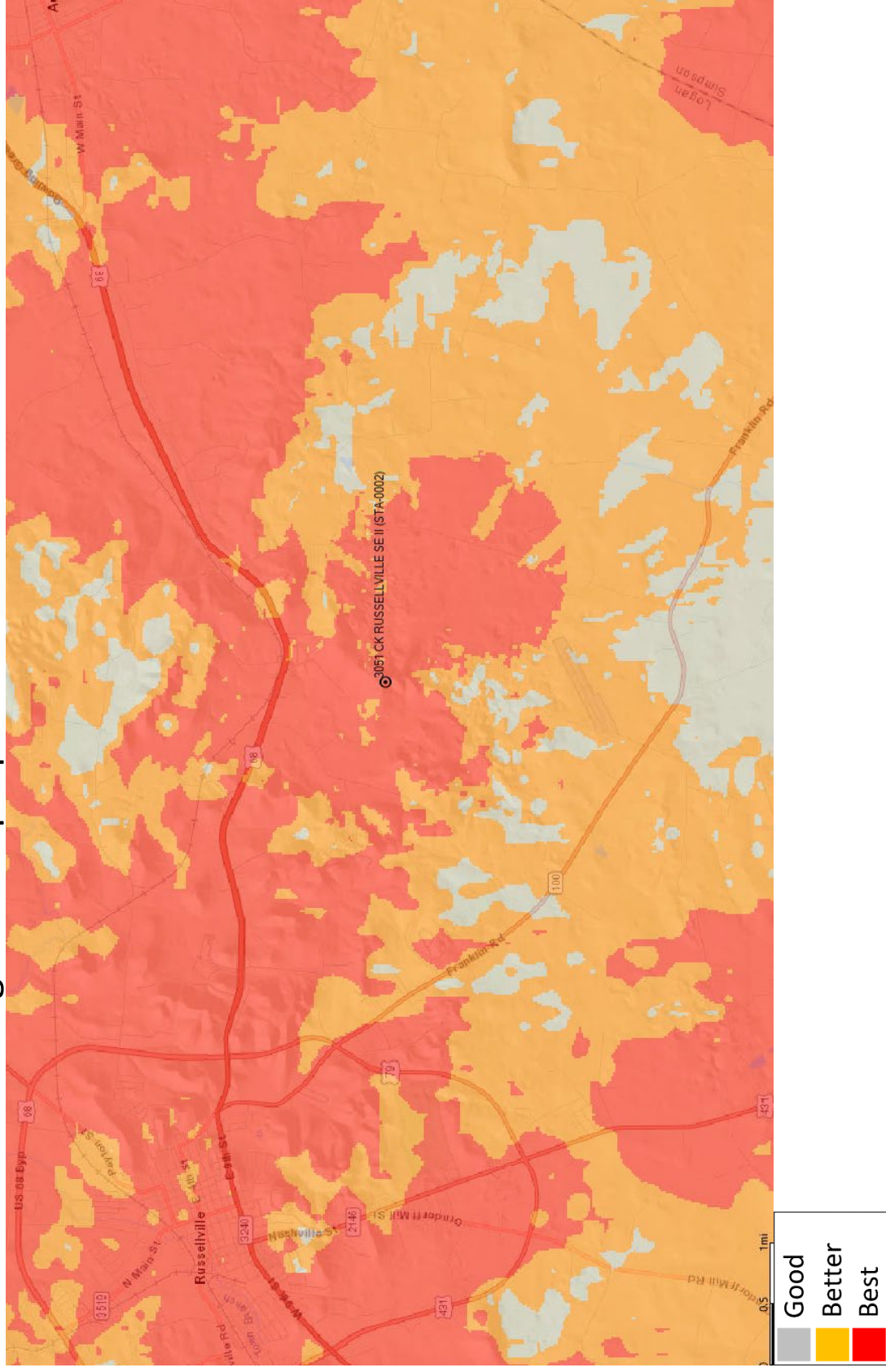
## Current Coverage - Without proposed site CK Russellville SE II







## Coverage - With proposed site CK Russellville SE II



**Exhibit 3**  
**List and Identity and Qualifications of Professionals**

Stephen E. Hunt  
Professional Engineer  
Kentucky License 25003  
TeleCad Communications  
1961 Northpoint Blvd. Suite 130  
Hixson, TX, 37343

Travis L. Shields  
Professional Land Surveyor  
Kentucky License 4246  
The Land Consultants, LLC  
5449 Highway 41  
Jasper, TN 37347

Robert E. Beacom.  
Professional Engineer  
Kentucky License 28165  
Sabre Industries  
7101 Southbridge Drive  
P.O. Box 658  
Sioux City, IA 51102-0658

Raphael Mohamed  
Professional Engineer  
Kentucky License 24429  
1600 King St N #9,  
St. Jacobs, ON N0B 2N0, Canada

F. Geoff Bost  
Professional Engineer  
Kentucky License 28817  
Engineered Tower Solutions, PLLC  
3227 Wellington Ct.  
Raleigh, NC 27615

Caleb McVey  
Director of Construction  
TowerCo  
5000 Valleystone Dr.  
Cary, NC 27519

Steven Belcher  
Sr. RF Engineer  
Verizon Wireless  
2421 Holloway Road  
Louisville, KY 40299

STATE OF INDIANA )  
 ) SS:  
COUNTY OF MARION )

**AFFIDAVIT OF CERTIFICATION  
COMMONWEALTH OF KENTUCKY  
PUBLIC SERVICE COMMISSION**

I Russell L. Brown, attorney for Cellco Partnership, d/b/a Verizon Wireless and TowerCo 2013, LLC hereby certify that as the person supervising the preparation of this application and all statements and information contained herein are true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry for all information within this application.



Russell L. Brown  
Attorney, for Cellco Partnership, d/b/a Verizon Wireless  
And TowerCom VI-B, LLC

STATE OF INDIANA,  
COUNTY OF MARION, SS:

Subscribed and sworn to before me this 8<sup>th</sup> day of July, 2025.



Notary Public

Printed Name of Notary: Elizabeth Bentz Williams

My commission expires: November 18, 2028

My County of Residence: Marion

Commission #: 0639620

