

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

In the Matter of:

THE APPLICATION OF	)
NEW CINGULAR WIRELESS PCS, LLC,	)
A DELAWARE LIMITED LIABILITY COMPANY,	)
D/B/A AT&T MOBILITY	)
AND VB 500 II, LLC, A DELAWARE	)
LIMITED LIABILITY COMPANY	)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)
CONVENIENCE AND NECESSITY TO CONSTRUCT	)
A WIRELESS COMMUNICATIONS FACILITY	)
IN THE COMMONWEALTH OF KENTUCKY	)
IN THE COUNTY OF GARRARD	)

CASE NO.: 2023-00317

SITE NAME: HYATTSVILLE

\* \* \* \* \*

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

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility and VB 500 II, LLC, a Delaware limited liability company (“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 submits 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 AT&T Mobility with wireless communications services.

In support of this Application, Applicants respectfully provides and states the following information:

1. The complete name and address of the Applicants are: New Cingular

Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility, having an address of Meidinger Tower, 462 S. 4th Street, Suite 2400, Louisville, Kentucky 40202 and VB 500 II, LLC, a Delaware limited liability company having an address of 750 Park of Commerce Drive, Suite 200, Boca Raton, Florida 33487.

2. 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 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.

3. AT&T Mobility is a limited liability company organized in the State of Delaware on October 20, 1994. AT&T Mobility's Certificate of Good standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference.

4. VB 500 II, LLC is a limited liability company organized in the State of Delaware on June 13, 2022. VB 500 II, LLC's Certificate of Good standing issued by the State of Delaware is attached as part of **Exhibit A** and hereby incorporated by reference.

5. Both Applicants attest that they are in good standing in the state in which they are organized and further state that they are authorized to transact business in Kentucky. Copies of Applicants' Certificate of Authorization issued by the Kentucky Secretary of State are attached as part of **Exhibit A** and are hereby incorporated by reference.

6. AT&T Mobility operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of AT&T Mobility's FCC applications and licenses to provide wireless services are attached to this Application or described as part of **Exhibit A**, and the facility will be constructed and

operated in accordance with applicable FCC regulations.

7. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve AT&T Mobility's services to an area currently not served or not adequately served by AT&T Mobility by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. The WCF will provide a necessary link in AT&T Mobility's communications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications service area. The WCF is an integral link in AT&T Mobility's network design that must be in place to provide adequate coverage to the service area.

8. To address the above-described service needs, Applicants propose to construct a WCF in a lease area located at 265 Gooch Pike, Paint Lick, KY 40461 (37° 35' 17.63" North latitude, 84° 29' 39.61" West longitude), 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 Wanda Sparks Allen pursuant to a Deed recorded at Deed Book 238, Page 115 in the office of the County Clerk. The proposed WCF will consist of a 250-foot tall tower, with an approximately 20-foot tall lightning arrestor attached at the top, for a total height of 270-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of AT&T Mobility's radio electronics equipment and appurtenant equipment. AT&T Mobility'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 B and Exhibit C.**

9. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete is attached as **Exhibit D**.

10. 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 AT&T Mobility has also been included as part of **Exhibit B**.

11. 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 C**.

12. Applicants have considered the likely effects of the installation of the proposed WCF on nearby land uses and values and have 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 AT&T Mobility's antennas on an existing structure. When suitable towers or structures exist, AT&T Mobility attempt to co-locate on existing structures such as communications towers or other structures capable of supporting AT&T Mobility's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.

13. A copy of the application to the Federal Aviation Administration ("FAA") for the proposed tower is attached as **Exhibit E**.

14. A copy of the application to the Kentucky Airport Zoning Commission ("KAZC") for the proposed tower is attached as **Exhibit F**.

15. A geotechnical engineering firm has performed soil boring(s) and subsequent

geotechnical engineering studies at the WCF site. A copy of the geotechnical engineering report, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky, is attached as **Exhibit G**. The name and address of the geotechnical engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included as part of this exhibit.

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

17. Applicants, pursuant to a written agreement, have 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 I**.

18. 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 C** 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.

19. The Construction Manager for the proposed facility is Adam Johnson and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibits B & C**.

20. As noted on the Survey attached as part of **Exhibit B**, the surveyor has determined that the site is not within any flood hazard area.

21. **Exhibit B** 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 (according to the records maintained by the County Property Valuation Administrator). 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 is illustrated in **Exhibit B**.

22. Applicants have notified 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 has been informed of his or her right to request intervention. A list of the notified property owners and a copy of the form of the notice sent by certified mail to each landowner are attached as **Exhibit J** and **Exhibit K**, respectively. Copies of the certified green card receipts for each of the landowners who were provided notice are also included as part of **Exhibit J**.

23. 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 is attached as **Exhibit L**.

24. 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 M**. 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 part of **Exhibit M**.

25. The general area where the proposed facility is to be located is rural in character.

26. The process that was used by AT&T Mobility'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. 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 Applicants when searching for sites for its antennas that would provide the coverage deemed necessary by AT&T Mobility's Radio Frequency Engineers. 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 N**.

27. The tower must be located at the proposed location and proposed height to

provide necessary service to wireless communications users in the subject area.

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:

David A. Pike  
Pike Legal Group, PLLC  
1578 Highway 44 East, Suite 6  
P. O. Box 369  
Shepherdsville, KY 40165-0369  
Telephone: (502) 955-4400  
Telefax: (502) 543-4410  
Email: [dpike@pikelegal.com](mailto:dpike@pikelegal.com)



**WHEREFORE**, 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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David A. Pike  
Pike Legal Group, PLLC  
1578 Highway 44 East, Suite 6  
P. O. Box 369  
Shepherdsville, KY 40165-0369  
Telephone: (502) 955-4400  
Telefax: (502) 543-4410  
Email: dpike@pikelegal.com  
Attorney for Applicants

## LIST OF EXHIBITS

- A - Corporate Documentation & FCC License Documentation
- B - Site Development Plan:
  - 500' Vicinity Map
  - Legal Descriptions
  - Flood Plain Certification
  - Site Plan
  - Vertical Tower Profile
- C - Tower and Foundation Design
  - Construction Manager Letter
  - List of Qualified Professionals
  - Tower and Foundation Drawings
- D - Competing Utilities, Corporations, or Persons List
- E - FAA
- F - Kentucky Airport Zoning Commission
- G - Geotechnical Report
- H - Directions to WCF Site
- I - Copy of Real Estate Agreement
- J - Notification Listing & Certified Green Receipts
- K - Copy of Property Owner Notification
- L - Copy of County Judge/Executive Notice
- M - Copy of Posted Notices and Newspaper Notice Advertisement
- N - Copy of Radio Frequency Design Search Area

**EXHIBIT A**  
**CORPORATE DOCUMENTATION & FCC LICENSE**  
**DOCUMENTATION**

# Delaware

Page 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "NEW CINGULAR WIRELESS PCS, 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 MARCH, A.D. 2023.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "NEW CINGULAR WIRELESS PCS, LLC" WAS FORMED ON THE TWENTIETH DAY OF OCTOBER, A.D. 1994.



1445544 8300

SR# 20231163146

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

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.

Jeffrey W. Bullock, Secretary of State

Authentication: 203015265

Date: 03-27-23

**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: 288316

Visit <https://web.sos.ky.gov/ftshow/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,

**NEW CINGULAR WIRELESS PCS, 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 October 14, 1999.

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 27<sup>th</sup> day of March, 2023, in the 231<sup>st</sup> year of the Commonwealth.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
288316/0481848

# Delaware

Page 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "VB 500 II, 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 MARCH, A.D. 2023.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "VB 500 II, LLC" WAS FORMED ON THE THIRTEENTH DAY OF JUNE, A.D. 2022.



6853359 8300

SR# 20231162749

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

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.

Authentication: 203015144

Date: 03-27-23

**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: 288314  
Visit <https://web.sos.ky.gov/ftshow/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,

**VB 500 II, 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 March 24, 2023.

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 27<sup>th</sup> day of March, 2023, in the 231<sup>st</sup> year of the Commonwealth.



*Michael G. Adams*

Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
288314/1270129

**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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: FCC GROUP  
NEW CINGULAR WIRELESS PCS, LLC  
208 S. AKARD ST. 20F  
DALLAS, TX 75202

**Call Sign**  
KNKN964

**File Number**

**Radio Service**  
CL - Cellular

**Market Numer**  
CMA448

**Channel Block**  
B

**Sub-Market Designator**  
0

**FCC Registration Number (FRN):** 0003291192

**Market Name**  
Kentucky 6 - Madison

<b>Grant Date</b> 09-01-2020	<b>Effective Date</b> 01-14-2023	<b>Expiration Date</b> 10-01-2030	<b>Five Yr Build-Out Date</b>	<b>Print Date</b>
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**Site Information:**

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Ground Elevation (meters)</b>	<b>Structure Hgt to Tip (meters)</b>	<b>Antenna Structure Registration No.</b>
5	37-18-37.2 N	084-55-40.2 W	325.8	69.2	1043347

**Address:** 604 HATFIELD ROAD (76208)

**City:** Liberty **County:** CASEY **State:** KY **Construction Deadline:**

**Antenna: 1**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	<b>0</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>180</b>	<b>225</b>	<b>270</b>	<b>315</b>
<b>Antenna Height AAT (meters)</b>	59.800	102.600	65.700	61.100	108.000	120.600	100.900	65.400
<b>Transmitting ERP (watts)</b>	192.800	103.500	11.600	0.400	0.600	0.500	8.800	94.400

**Antenna: 2**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	<b>0</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>180</b>	<b>225</b>	<b>270</b>	<b>315</b>
<b>Antenna Height AAT (meters)</b>	59.800	102.600	65.700	61.100	108.000	120.600	100.900	65.400
<b>Transmitting ERP (watts)</b>	1.400	22.100	142.900	188.400	56.900	3.700	0.400	0.400

**Antenna: 3**

<b>Maximum Transmitting ERP in Watts:</b> 140.820								
Azimuth(from true north)	<b>0</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>180</b>	<b>225</b>	<b>270</b>	<b>315</b>
<b>Antenna Height AAT (meters)</b>	59.800	102.600	65.700	61.100	108.000	120.600	100.900	65.400
<b>Transmitting ERP (watts)</b>	1.300	0.400	0.400	3.300	49.500	179.900	153.100	27.200

**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: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	37-32-40.8 N	084-17-40.6 W	398.7	128.0	1228453

Address: 521 FENTRESS LANE (76213)

City: Berea County: MADISON State: KY Construction Deadline: 05-19-2015

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)	172.500	170.300	101.700	65.000	99.300	140.700	147.900	171.700
Transmitting ERP (watts)	94.100	66.200	8.600	0.400	0.200	0.200	2.100	27.300

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)	172.500	170.300	101.700	65.000	99.300	140.700	147.900	171.700
Transmitting ERP (watts)	0.600	9.400	67.500	94.400	25.000	1.500	0.200	0.200

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)	172.500	170.300	101.700	65.000	99.300	140.700	147.900	171.700
Transmitting ERP (watts)	21.200	0.800	1.200	1.100	17.200	192.100	389.900	205.800

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	37-45-36.3 N	084-38-06.5 W	291.1	86.9	1043357

Address: 363 JESSE BRIM ROAD (76207)

City: DANVILLE County: GARRARD State: KY Construction Deadline: 05-19-2015

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)	112.000	109.800	147.300	118.900	97.300	106.100	107.500	134.700
Transmitting ERP (watts)	82.600	298.200	252.300	44.100	1.700	0.600	0.600	4.900

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)	112.000	109.800	147.300	118.900	97.300	106.100	107.500	134.700
Transmitting ERP (watts)	0.600	2.500	47.700	266.800	295.300	74.600	3.600	0.600

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)	112.000	109.800	147.300	118.900	97.300	106.100	107.500	134.700
Transmitting ERP (watts)	1.800	0.200	0.200	0.300	5.900	48.600	81.200	26.400

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	37-24-08.4 N	084-52-12.5 W	344.4	123.1	1244845

Address: 1064 GEORGE BRANCH ROAD (79474)

City: HUSTONVILLE County: CASEY State: KY Construction Deadline: 05-19-2015

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)	113.900	150.700	149.300	146.000	168.200	167.200	124.000	147.600
Transmitting ERP (watts)	141.900	76.200	8.600	0.300	0.500	0.400	6.500	69.500

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)	113.900	150.700	149.300	146.000	168.200	167.200	124.000	147.600
Transmitting ERP (watts)	1.600	30.200	198.200	256.700	74.500	4.200	0.513	0.600

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)	113.900	150.700	149.300	146.000	168.200	167.200	124.000	147.600
Transmitting ERP (watts)	1.600	0.600	0.600	4.700	79.800	288.100	238.200	43.600

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	37-52-28.6 N	084-20-20.7 W	285.0	121.9	1002236

Address: 3600 LEXINGTON ROAD (76202)

City: RICHMOND County: MADISON State: KY Construction Deadline: 05-19-2015

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)	91.600	113.700	133.000	106.200	85.800	112.000	92.600	86.400
Transmitting ERP (watts)	261.200	136.300	13.900	0.600	0.800	0.700	11.000	124.300

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)	91.600	113.700	133.000	106.200	85.800	112.000	92.600	86.400
Transmitting ERP (watts)	2.000	37.500	246.600	319.500	92.700	5.200	0.639	0.800

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)	91.600	113.700	133.000	106.200	85.800	112.000	92.600	86.400
Transmitting ERP (watts)	1.800	0.610	0.610	5.000	84.500	305.100	258.200	45.100

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	37-35-26.1 N	084-50-43.3 W	406.9	59.1	

Address: 4213 PERSIMMON KNOB ROAD (101147)

City: JUNCTION CITY County: BOYLE State: KY Construction Deadline: 05-19-2015

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)	168.700	171.100	158.800	149.200	115.800	133.900	101.600	177.600
Transmitting ERP (watts)	1.600	2.100	2.300	0.900	0.100	0.100	0.100	0.300

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)	168.700	171.100	158.800	149.200	115.800	133.900	101.600	177.600
Transmitting ERP (watts)	0.107	0.200	3.400	28.000	53.500	25.000	2.700	0.200

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)	168.700	171.100	158.800	149.200	115.800	133.900	101.600	177.600
Transmitting ERP (watts)	34.000	3.100	0.400	0.500	2.400	24.100	129.000	161.700

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	37-21-10.9 N	084-39-33.8 W	396.2	87.2	1257886

Address: 12900 US HWY 27 S (106194)

City: Waynesburg County: LINCOLN State: KY Construction Deadline: 05-19-2015

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)	107.700	134.700	131.900	154.400	120.400	118.300	145.400	145.200
Transmitting ERP (watts)	397.200	162.700	9.900	1.400	0.800	1.000	27.800	210.100

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)	107.700	134.700	131.900	154.400	120.400	118.300	145.400	145.200
Transmitting ERP (watts)	3.900	62.100	309.500	354.700	76.400	3.600	0.709	1.000

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)	107.700	134.700	131.900	154.400	120.400	118.300	145.400	145.200
Transmitting ERP (watts)	2.000	0.742	0.742	11.100	124.000	371.400	269.600	30.500

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-13-22.2 N	084-57-39.5 W	295.0	78.9	1263764

Address: 309 Antioch Church Rd (110472)

City: Liberty County: CASEY State: KY Construction Deadline: 05-19-2015

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)	90.900	41.300	39.900	47.800	59.300	71.200	92.000	74.100
Transmitting ERP (watts)	365.600	148.900	7.800	1.500	0.731	1.300	23.600	196.200

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.900	41.300	39.900	47.800	59.300	71.200	92.000	74.100
Transmitting ERP (watts)	2.900	29.300	156.900	196.700	41.400	3.800	0.500	0.700

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	90.900	41.300	39.900	47.800	59.300	71.200	92.000	74.100
Transmitting ERP (watts)	0.300	0.100	0.100	0.900	8.500	23.800	21.000	3.900

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	37-32-51.0 N	084-19-59.0 W	378.0	91.1	1018906

Address: 850 S. Dogwood Drive (112852)

City: BEREA County: MADISON State: KY Construction Deadline: 05-19-2015

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)	168.900	159.200	126.200	70.300	118.900	123.900	150.200	185.600
Transmitting ERP (watts)	3.900	32.100	61.200	28.600	3.100	0.200	0.122	0.200

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	168.900	159.200	126.200	70.300	118.900	123.900	150.200	185.600
Transmitting ERP (watts)	0.300	0.400	1.600	18.000	92.500	111.200	26.100	2.500

Antenna: 6

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	168.900	159.200	126.200	70.300	118.900	123.900	150.200	185.600
Transmitting ERP (watts)	19.800	3.700	0.300	0.100	0.100	0.800	8.000	22.400

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	37-17-09.6 N	084-39-48.6 W	369.1	97.5	1047763

Address: 933 Ellison Pulaski County Line Road (87875)

City: EUBANKS County: LINCOLN State: KY Construction Deadline: 05-19-2015

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)	61.000	89.700	113.300	109.400	116.000	113.900	103.800	96.300
Transmitting ERP (watts)	207.000	86.900	7.100	0.900	0.414	0.500	13.500	104.300

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)	61.000	89.700	113.300	109.400	116.000	113.900	103.800	96.300
Transmitting ERP (watts)	2.800	28.800	154.300	193.500	40.700	3.700	0.500	0.700

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)	61.000	89.700	113.300	109.400	116.000	113.900	103.800	96.300
Transmitting ERP (watts)	1.900	0.400	0.400	6.900	57.500	193.500	147.100	15.900

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
20	37-38-56.8 N	084-57-46.0 W	289.0	48.2	

Address: 710 COX STREET (88217)

City: PERRYVILLE County: BOYLE State: KY Construction Deadline: 05-19-2015

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)	85.200	61.400	39.400	30.000	30.000	37.500	68.300	61.100
Transmitting ERP (watts)	68.700	32.100	3.400	0.200	0.137	0.200	4.400	36.000

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)	85.200	61.400	39.400	30.000	30.000	37.500	68.300	61.100
Transmitting ERP (watts)	0.700	10.100	52.900	63.100	17.400	1.300	0.200	0.200

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)	85.200	61.400	39.400	30.000	30.000	37.500	68.300	61.100
Transmitting ERP (watts)	0.400	0.126	0.126	1.900	20.000	63.100	50.600	7.800

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN964

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	37-35-48.9 N	084-19-23.5 W	276.5	84.1	1217686

Address: 1322 Walnut Meadow Road (37723)

City: Berea County: MADISON State: KY Construction Deadline: 05-19-2015

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)	69.600	67.700	85.700	30.000	36.000	34.900	73.800	71.000
Transmitting ERP (watts)	359.700	189.900	19.500	0.800	1.100	1.000	15.900	177.200

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)	69.600	67.700	85.700	30.000	36.000	34.900	73.800	71.000
Transmitting ERP (watts)	2.200	41.100	269.800	349.500	101.400	5.700	0.700	0.800

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)	69.600	67.700	85.700	30.000	36.000	34.900	73.800	71.000
Transmitting ERP (watts)	1.900	0.700	0.700	5.500	92.500	333.800	282.500	49.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	37-44-57.3 N	084-10-08.8 W	274.9	82.3	1230519

Address: 176 Kennedy Lane (39220)

City: Richmond County: MADISON State: KY Construction Deadline: 05-19-2015

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)	120.300	124.900	128.100	96.900	65.900	60.500	72.000	90.300
Transmitting ERP (watts)	95.500	46.000	4.500	0.200	0.200	0.200	3.600	41.000

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)	120.300	124.900	128.100	96.900	65.900	60.500	72.000	90.300
Transmitting ERP (watts)	0.700	8.600	43.500	49.700	13.500	0.900	0.100	0.100

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)	120.300	124.900	128.100	96.900	65.900	60.500	72.000	90.300
Transmitting ERP (watts)	5.900	0.722	0.900	2.300	42.400	278.600	361.000	104.700

Control Points:

Control Pt. No. 1

Address: 2601 Palumbo Drive

City: Lexington County: State: KY Telephone Number:

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** KNKN964

**File Number:**

**Print Date:**

**Waivers/Conditions:**

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 08:55:27  
File Number: 0010359178

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for  
public burden estimate

1) Radio Service Code: **CL**  
1a) Existing Radio Service Code:

### General Information

2) (Select only one) ( **AU** )

<b>NE</b> - New	<b>RO</b> - Renewal Only	<b>AU</b> - Administrative Update	<b>NT</b> - Required Notifications
<b>MD</b> - Modification	<b>RM</b> - Renewal/Modification	<b>WD</b> - Withdrawal of Application	<b>EX</b> - Requests for Extension of Time
<b>AM</b> - Amendment	<b>CA</b> - Cancellation of License	<b>RL</b> - Registered Location/Link	

- 3a) If this application is for a Demonstration License or a Special Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter 'N/A' (Not Applicable). ( **N** ) **M S N/A**
- 3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency. ( ) **Yes No**
- 4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC. File Number
- 5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. Call Sign  
If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license. **KNKN964**
- 6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional). MM / DD
- 6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers (**C**), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs (**P**)? ( ) **C P**
- 7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929). ( ) **Yes No**
- 8) Are attachments (other than associated schedules) being filed with this application? ( ) **Yes No**

### Fees, Waivers, and Exemptions

- 9) Is the Applicant exempt from FCC application fees? ( **N** ) **Yes No**
- 10) Is the Applicant exempt from FCC regulatory fees? ( **N** ) **Yes No**
- 11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances. ( **N** ) **Yes No**
- 12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station? ( ) **Yes No**



**Applicant Information**

13) FCC Registration Number (FRN):

**0003291192**

14) Applicant/Licensee Legal Entity Type: (Select One)

( ) Individual ( ) Unincorporated Association ( ) Government Entity ( ) Corporation (  ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership ( ) Consortium

( ) Other:

15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided? ( ) Yes  No

16) First Name (if individual): MI: Last Name: Suffix:

17) Legal Entity Name (if other than individual):

**NEW CINGULAR WIRELESS PCS, LLC**

18) Attention To:

**Cecil J Mathew**

19) P.O. Box: And/Or 20) Street Address:

**208 S. Akard St. 20F**

21) City: 22) State: 23) Zip Code:

**Dallas**

**TX**

**75202**

24) Telephone Number: 25) Fax:

**(855)699-7073**

**(214)746-6410**

26) E-Mail Address:  
**FCCMW@att.com**

**27) Demographics (Optional)**

Race: Ethnicity: Gender:  
( ) American Indian or Alaska Native ( ) Hispanic or Latino ( ) Male  
( ) Asian ( ) Not Hispanic or Latino ( ) Female  
( ) Black or African-American  
( ) Native Hawaiian or Other Pacific Islander  
( ) White

**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant): 29) FCC Registration Number (FRN) of Real Party in Interest:

**Contact Information (If different from the Applicant)**

( ) **Check here if same as Applicant.**

30) First Name: MI: Last Name: Suffix:  
**Cecil J Mathew**

31) Company Name:  
**AT&T Services, LLC**

32) Attention To:  
**Michael P. Goggin**

33) P.O. Box: And /Or 34) Street Address:  
**208 S. Akard St. 20F**

35) City: 36) State: 37) Zip Code:  
**Dallas TX 75202**

38) Telephone Number: 39) Fax:  
**(855)699-7073 (214)746-6410**

40) E-Mail Address:  
**FCCMW@att.com**

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):

(  )Common Carrier (  )Non-Common Carrier (  )Private, internal communications (  )Broadcast Services (  )Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):

(  )Fixed (  )Mobile (  )Satellite (sound) (  )Broadcast Services

43) Does the Applicant propose to provide service interconnected to the public telephone network? (  )Yes (  )No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  )Yes (  )No

45) Is the Applicant an alien or the representative of an alien? (  )Yes (  )No

46) Is the Applicant a corporation organized under the laws of any foreign government? (  )Yes (  )No

47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  )Yes (  )No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) Yes No is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*It is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

- 49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? ( ) Yes No
- 50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court? ( ) Yes No
- 51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition? ( ) Yes No

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

- 52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

- 53a) Will the requested facilities be used to provide multichannel video programming service? ) Yes No
- 53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities? ( ) Yes No

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

- 54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203? ) Yes No

**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

- 55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221? ) Yes No

**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

- 56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership? ( ) Yes No

**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

- 57) Operation/Performance Requirement Certification
- [For a site-based license]:** Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required). ( ) Yes No
- [For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:** Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. ( ) Yes No
- [For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:** Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.] ( ) Yes No
- [For a geographic license, commercial service - licensee in any subsequent term]:** Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms. ( ) Yes No
- [For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:** Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. ( ) Yes No
- [For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:** Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.] ( ) Yes No

**[For a geographic license, private systems - licensee in any subsequent term]:** Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms. ( ) Yes No

**[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:** Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules. ( ) Yes No

**[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:** Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs. ( ) Yes No

#### Discontinuance of Service Certification

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term. ( ) Yes No

**Note: If the response to either item 57 or item 58 is 'N',** attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.

#### Regulatory Compliance Certification [same for all]

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended. ( ) Yes No

**Note: If the response to item 59 is 'N',** attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.

#### General Certification Statements

- 1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
- 2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.\*  
\*If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
- 3) 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.
- 4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
- 5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
- 6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
- 7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
- 8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
- 9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name:

**Cecil**

MI: Last Name:

**J**

**Mathew**

Suffix:

61) Title:

**Assistant Secretary - Compliance**

Signature:

**Cecil J Mathew**

62) Date:

**01/13/2023**

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).**

**Cellular Unserved Area Information**

1) Identify whether this is a New or Modification application for Unserved Area.

( ) Yes  
( ) No

If claiming Unserved Area, complete Items 2 through 5, as applicable.

2)  
Market Designator

3)  
Market Name

4)  
Sub-Market Designator

5)  
Channel Block

**Control Points**

6)  
Action  
A/M/D

7)  
Control Point  
Number

8)  
Location  
Street Address, City or Town, County/Borough/Parish, State

9)  
Telephone  
Number

**Commercial Air-ground Technical Parameters (Antenna Data)**

10)  
Action  
A/M/D

11)  
Channel Block

12)  
Location  
Number

13)  
Antenna  
Number

14)  
Height to Tip of Antenna AGL  
(meters)

15)  
Maximum ERP  
(watts)

# Cellular Radial Data

16) Action: ( ) Add    **Modify**    **Delete**                      17) Location Number:

18) Identify whether this is a New or Modification application using the non-PSD methodology (in accordance with 47 CFR § 22.911(a) or (b)), or using the PSD methodology (in accordance with 47 CFR § 22.911(c)). ( ) Non-PSD  
( ) PSD

19) Sector Number:

20) Provide the Maximum ERP in watts/MHz (per sector) if the PSD option for determining the CGSA was selected under Item 18 of this Schedule F.

21) If this location/PSD sector contributes to the CGSA, and you are requesting that the CGSA boundary be determined using the PSD methodology (in accordance with 47 CFR § 22.911(c)), have you attached the required exhibit? Watts/MHz  
( ) Yes  
( ) No  
( ) N/A – Not applicable  
If 'N/A', attach an exhibit explaining the circumstances.

22) Antenna Number:

23) Provide the Maximum ERP in watts (per emission) if the Non-PSD option for determining the CGSA was selected under Item 18 of this Schedule F.

Watts

24) If this location/Non-PSD antenna contributes to the CGSA, are you requesting that the CGSA boundary be determined using an alternative methodology under 47 CFR § 22.911(b) (non-PSD)? ( ) Yes    **No**  
If 'Yes', attach an exhibit explaining the circumstances.

25-27) If this location contributes to the CGSA and you are requesting that the CGSA boundary be determined using the Non-PSD methodology (in accordance with 47 CFR § 22.911(a) or (b)), please provide the following information:

Azimuth (degrees from true north)	25) Antenna Height AAT (meters)	26) Transmitting ERP (watts)	27) Distance to CGSA (kilometers)
0°			
45°			
90°			
135°			
180°			
225°			
270°			
315°			

I certify that the proposed Cellular base or repeater stations comply with the ERP limits and all other applicable requirements in the Commission's rules, including 47 CFR § 22.913.



Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
File Number: 0010367907

FCC 601

Main Form

FCC Application for Radio Service Authorization:  
Wireless Telecommunications Bureau  
Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for  
public burden estimate

1) Radio Service Code:

CL

1a) Existing Radio Service Code:

General Information

2) (Select only one) ( AU )

- NE - New                      RO - Renewal Only                      AU - Administrative Update                      NT - Required Notifications
- MD - Modification                      RM - Renewal/Modification                      WD - Withdrawal of Application                      EX - Requests for Extension of Time
- AM - Amendment                      CA - Cancellation of License                      RL - Registered Location/Link

3a) If this application is for a Demonstration License or a Special Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter 'N/A' (Not Applicable). ( N ) M S N/A

3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency. ( ) Yes No

4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC. File Number

5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. Call Sign  
If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license. KNKN964

6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional). MM / DD

6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers (C), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs (P)? ( ) C P

7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929). ( ) Yes No

8) Are attachments (other than associated schedules) being filed with this application? ( ) Yes No

Fees, Waivers, and Exemptions

9) Is the Applicant exempt from FCC application fees? ( N ) Yes No

10) Is the Applicant exempt from FCC regulatory fees? ( N ) Yes No

11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances. ( N ) Yes No

12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station? ( ) Yes No

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax: <b>(214)746-6410</b>	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
--	--	---

**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
--	--

**Contact Information (If different from the Applicant)** Check here if same as Applicant.

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To: <b>Michael P. Goggin</b>			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax: <b>(214)746-6410</b>	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) Yes No is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

57) Operation/Performance Requirement Certification	
<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

Technical Data Schedule for the  
Cellular and Air-ground (Commercial Aviation)  
Radiotelephone Services (Part 22)

**Cellular Unserved Area Information**

1) Identify whether this is a New or Modification application for Unserved Area. <span style="float: right;">( ) Yes ( ) No</span>			
If claiming Unserved Area, complete Items 2 through 5, as applicable.			
2) Market Designator	3) Market Name	4) Sub-Market Designator	5) Channel Block

**Control Points**

6) Action A/M/D	7) Control Point Number	8) Location Street Address, City or Town, County/Borough/Parish, State	9) Telephone Number

**Commercial Air-ground Technical Parameters (Antenna Data)**

10) Action A/M/D	11) Channel Block	12) Location Number	13) Antenna Number	14) Height to Tip of Antenna AGL (meters)	15) Maximum ERP (watts)



# Cellular Radial Data

16) Action: (    ) <u>A</u> dd <u>M</u> odify <u>D</u> elete	17) Location Number:		
18) Identify whether this is a New or Modification application using the non-PSD methodology (in accordance with 47 CFR § 22.911(a) or (b)), or using the PSD methodology (in accordance with 47 CFR § 22.911(c)).			
<input type="checkbox"/> Non-PSD <input type="checkbox"/> PSD			
19) Sector Number:			
20) Provide the Maximum ERP in watts/MHz (per sector) if the PSD option for determining the CGSA was selected under Item 18 of this Schedule F.			
Watts/MHz			
21) If this location/PSD sector contributes to the CGSA, and you are requesting that the CGSA boundary be determined using the PSD methodology (in accordance with 47 CFR § 22.911(c)), have you attached the required exhibit? If 'N/A', attach an exhibit explaining the circumstances.			
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A – Not applicable			
22) Antenna Number:			
23) Provide the Maximum ERP in watts (per emission) if the Non-PSD option for determining the CGSA was selected under Item 18 of this Schedule F.			
Watts			
24) If this location/Non-PSD antenna contributes to the CGSA, are you requesting that the CGSA boundary be determined using an alternative methodology under 47 CFR § 22.911(b) (non-PSD)? If 'Yes', attach an exhibit explaining the circumstances.			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
25-27) If this location contributes to the CGSA and you are requesting that the CGSA boundary be determined using the Non-PSD methodology (in accordance with 47 CFR § 22.911(a) or (b)), please provide the following information:			
Azimuth (degrees from true north)	25) Antenna Height AAT (meters)	26) Transmitting ERP (watts)	27) Distance to CGSA (kilometers)
0°			
45°			
90°			
135°			
180°			
225°			
270°			
315°			

I certify that the proposed Cellular base or repeater stations comply with the ERP limits and all other applicable requirements in the Commission's rules, including 47 CFR § 22.913.

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: FCC GROUP
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD ST. 20F
DALLAS, TX 75202

Table with Call Sign (KNLF251), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

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.

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).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** KNLF251

**File Number:**

**Print Date:**

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Spectrum Lease Associated with this License. See Spectrum Leasing Arrangement Letter dated 12/06/2004 and File # 0001918512.

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** KNLF251

**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

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
 File Number: 0010374919

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB  
 3060 - 0798  
 See instructions for  
 public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>CW</b></p>	1a) Existing Radio Service Code:
--	----------------------------------

**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>KNLF251</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM      DD _____ / _____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) ( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( <input checked="" type="checkbox"/> ) Corporation ( ) Limited Liability Company ( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership ( ) Consortium ( ) Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			( ) <u>Yes</u> <u>No</u>
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax: <b>(214)746-6410</b>	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: ( ) American Indian or Alaska Native ( ) Asian ( ) Black or African-American ( ) Native Hawaiian or Other Pacific Islander ( ) White	Ethnicity: ( ) Hispanic or Latino ( ) Not Hispanic or Latino	Gender: ( ) Male ( ) Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)****( ) Check here if same as Applicant.**

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To: <b>FCC Group</b>			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax: <b>(214)757-3706</b>	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) Yes No is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*



**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants****57) Operation/Performance Requirement Certification**

<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

**FCC Form 608 FCC Application or Notification for Spectrum Leasing Arrangement/  
Main Form Notification of a Private Commons Arrangement**

3060-1058

Submitted: 01/23/2023 at  
18:42:37  
File Number: 0010338098

**Wireless Telecommunications Bureau  
Public Safety and Homeland Security Bureau**

See 608 Main Form Instructions  
For public burden estimate

**General Information**

**Application/Notification Purpose**

1a) Purpose of Filing (Select only one):	
<input checked="" type="checkbox"/> <b>LN</b> – New	<input type="checkbox"/> <b>LM</b> – Modification
<input type="checkbox"/> <b>LT</b> – Transfer of Control	<input type="checkbox"/> <b>LE</b> – Extend the Term
<input type="checkbox"/> <b>LI</b> – Light Touch Leasing Certification	<input type="checkbox"/> <b>AM</b> – Amendment
	<input type="checkbox"/> <b>LU</b> – Administrative Update
	<input type="checkbox"/> <b>LC</b> – Cancel
	<input type="checkbox"/> <b>WD</b> – Withdraw
1b) If this filing is for an Amendment (AM) or Withdrawal (WD), enter the File Number of the pending Application/Notification currently on file with the FCC.	File Number: _____

**Classification of Filing**

**For Leases/Subleases Only**

2a) Classification of Filing (Select only one):	2b) Type of Filing
<input type="checkbox"/> <b>ML</b> – Spectrum Manager Lease	<input checked="" type="checkbox"/> <b>L</b> – Lease
<input checked="" type="checkbox"/> <b>TL</b> – <i>De Facto</i> Transfer Lease	<input type="checkbox"/> <b>S</b> – Sublease (Must be filed manually)

**For Private Commons Arrangements Only (Must be filed Manually)**

2c) This filing will be a Private Commons Arrangement pursuant to a (Select only one):	2d) If a Private Commons Arrangement pursuant to a Lease or Sublease, choose the legal type (Select only one):
<input type="checkbox"/> <b>N</b> – License	<input type="checkbox"/> <b>M</b> – Spectrum Manager
<input type="checkbox"/> <b>L</b> – Lease	<input type="checkbox"/> <b>T</b> – <i>De Facto</i> Transfer
<input type="checkbox"/> <b>S</b> – Sublease	

**Term of Lease/Sublease**

3) Indicate whether the existing Lease/Sublease is:	<input checked="" type="checkbox"/> Long-Term	or	<input type="checkbox"/> Short-Term
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**Other Wireless Licenses**

4a) Is this filing part of a series of filings involving other wireless license(s) or lease(s) held by the Applicant, affiliates of the Licensee (e.g., parents, subsidiaries, or commonly-controlled entities), or third parties that are not included on this filing and for which Commission approval or notification is required?	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
4b) If the answer to 4a is 'Y', is this filing the lead Application/Notification?	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
4c) If the answer to 4a is 'Y' and the answer to 4b is 'N', provide the File Number of the lead Application/Notification.	File Number: _____

**Attachments**

5) Are attachments (other than associated schedules) being filed with this Application/Notification?	( <input checked="" type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Fees and Waivers****Exemption from Application Fees**

6) Is the Applicant exempt from FCC application fees? If the answer to 6 is 'Y', attach an exhibit demonstrating how the applicant is exempt from FCC application fees.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Waiver/Deferral of Fees**

7) Is a waiver/deferral of the FCC application fees being requested? If the answer to 7 is 'Y', attach a date-stamped copy of the request for waiver/deferral of the FCC application fees.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Waiver of Commission Rules**

8) Does this filing include a request for waiver of the Commission's Rules (other than a request for application fee waivers)? If the answer to 8 is 'Y', attach an exhibit specifying the rule section(s) for which a waiver is being requested and including a justification for the waiver request.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Regulatory Status and Offerings****Radio Service Offerings**

9) The Applicant will provide the following type(s) of radio service offerings (select all that apply): ( <input type="checkbox"/> ) Common Carrier      ( <input type="checkbox"/> ) Non-common Carrier      ( <input type="checkbox"/> ) Private, internal communications      ( <input type="checkbox"/> ) Broadcast Services All entities that are planning to use the leased spectrum for telecommunications services should select common carrier in this item. The term 'telecommunications service' means the offering of telecommunications (i.e., the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received) for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used. Non-common carriers do not hold themselves out indiscriminately for hire as carriers of communications provided by the customer. A person engaged in radio broadcasting shall not, insofar as such person is so engaged, be deemed a common carrier. Thus, those entities meeting this definition would select non- common carrier for this item. Private internal users are those entities that utilize telecommunications services purely for internal business purposes or public safety communications and not on a for-hire or for-profit basis. Such entities should select 'Private' for this item. The term 'Broadcast Services' shall have the same meaning as that for "broadcasting" in § 3(6) of the Communications Act of 1934, i.e., the dissemination of radio communications intended to be received by the public, directly or by the intermediary of relay stations." 47 U.S.C. § 153(6). If the Applicant is modifying the type of radio service offerings it provides, please provide an exhibit explaining the modification.
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**Radio Service**

10) The Applicant will provide the following type(s) of radio service (select all that apply): ( <input type="checkbox"/> ) Fixed      ( <input type="checkbox"/> ) Mobile      ( <input type="checkbox"/> ) Radiolocation      ( <input type="checkbox"/> ) Satellite (sound)      ( <input type="checkbox"/> ) Broadcast Services	
11) Does the Applicant propose to provide service interconnected to the public telephone network?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

## Designated Entity Information (If the answer to 12a, 12b or 12c is 'Y', Schedule A must be completed.)

### Bidding Credits

12a) Does this filing involve any spectrum associated with any licenses that were awarded with bidding credits within the last five years?  If the response to this item is 'Y', the licenses may be subject to the FCC's unjust enrichment rules, and the Applicant should answer relevant bidding credit questions.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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### Closed Bidding

12b) Does this filing involve any spectrum associated with any licenses that were originally granted pursuant to closed bidding within the last five years?  If the response to this item is 'Y', the Applicant should answer relevant closed bidding questions.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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## Competition-Related Information

13) Does this filing involve a license authorization or Spectrum Lease/Sublease that may be used to provide interconnected mobile voice and/or data services that would create a geographic overlap with another license authorization(s) or spectrum leasing arrangement(s), that also could be used to provide interconnected mobile voice and/or data services, in which the Applicant already holds attributable interests, as defined in Section 20.22(b) of the Commission's Rules, either as a licensee or spectrum lessee/sublessee?  If 'Y', specify in an exhibit all geographic areas/markets (e.g., BTA, CMA, county, etc.) where there are spectrum overlaps and the total amount of spectrum that the Assignee/Transferee will hold and/or lease in each geographic area/market.	( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
14) If the answer to Item 13 is 'Y', would/does this application for a spectrum leasing or subleasing arrangement reduce the number of entities providing service in the affected market(s)?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>

## Broadband Radio Service and Educational Broadband Service Information

15a) Will the requested facilities be used to provide multichannel video programming service?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
15b) If the answer to 15a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?  If 'Y', provide an exhibit explaining how the Applicant (Lessee/Sublessee) complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission's Rule(s) is being requested, 8a must be answered 'Y'.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
16) Does the Applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?  If 'N', provide an exhibit explaining how the Applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission's Rule(s) is being requested, 8a must be answered 'Y'.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>

## Part 90 Public Safety Services

### Eligibility

17) Is the Applicant a public safety entity or otherwise an entity that will use the leased spectrum to provide communications in support of public safety operations pursuant to Section 90.523 of the Commission's Rules?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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## 600 MHz Band Information

<p>18) Is the spectrum leasing/subleasing arrangement for a term of one year or more (either initially or cumulatively) and involves any licenses in the 600 MHz Band initially granted in the last six years that would, if leased, create a geographic overlap with another licenses(s) in which the Lessee/Sublessee already holds attributable interests, as defined in Section 20.22(b) of the Commission's Rules, either as a licensee or spectrum Lessee/Sublessee, and that would result in the Lessee/Sublessee holding an attributable interest, as defined in Section 20.22(b) of the Commission's Rules, in one-third or more of the total suitable and available below-1-GHz spectrum as calculated on a county-by-county population-weighted basis in the relevant license area, utilizing 2010 U.S. Census data?</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If 'Y', provide an exhibit detailing the proposed spectrum leasing/subleasing exchange of 600 MHz band spectrum in the same market(s), including a list of all file numbers for applications associated with the proposed spectrum leasing arrangement exchange, or describing the <i>pro forma</i> nature of the spectrum leasing arrangement, as appropriate.</p>	<p>( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u></p>
<p>19) Is the spectrum leasing/subleasing arrangement for a term of one year or more (either initially or cumulatively) and involves any licenses that were initially granted as reserved spectrum licenses in the 600 MHz Band in the last six years? Otherwise, enter 'N'.</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If 'Y', provide an exhibit demonstrating how the Lessee/Sublessee would have qualified to bid on that reserved spectrum license(s) in Auction 1002 as of the FCC Form 175 filing deadline (February 10, 2016) for Auction 1002, the forward auction of the Broadcast Incentive Auction.</p>	<p>( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u></p>

## Licensee Information

### FRN

20) FCC Registration Number: **0003291192**

### Entity

21) Licensee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation (  ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Licensee Name

22) Licensee Name (if entity): **New Cingular Wireless PCS, LLC**

23) Licensee Name (if individual): First: MI: Last: Suffix:

24) Attention To: **Cecil J. Mathew**

### Address

25) P.O. Box: **And /Or** 26) Street Address: **208 S. Akard Street, RM 1016**

27) City: **Dallas** 28) State: **TX** 29) Zip Code: **75202**

30) Telephone Number: **(855)699-7073** 31) FAX Number: **(214)746-6410**

32) E-Mail Address: **FCCMW@att.com**

### 33) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native  
( ) Asian  
( ) Black or African-American  
( ) Native Hawaiian or Other Pacific Islander  
( ) White

#### Ethnicity:

( ) Hispanic or Latino  
( ) Not Hispanic or Latino

#### Gender:

( ) Male  
( ) Female

## Licensee Contact Information

Contact Name (if other than Licensee)

( ) Check here if same as Licensee Information

34) Name: First: MI: Last: Suffix:

35) Company Name: **AT&T Mobility LLC**

36) Attention To: **Michael P. Goggin**

### Address

37) P.O. Box: **And /Or** 38) Street Address: **1120 20th Street NW, Suite 1000**

39) City: **Washington** 40) State: **DC** 41) Zip Code: **20036**

42) Telephone Number: **(202)457-2055** 43) FAX Number:

44) E-Mail Address: **michael.p.goggin@att.com**



## Lessee Information

### FRN

45) FCC Registration Number: **0030856223**

### Entity

46) Lessee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation (  ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Lessee Name

47) If the Lessee name is being updated, is the update a result of a change in ownership, corporate structure, or entity for which proper Commission approval has not been received or proper notification not provided? ( ) Yes **No**

48) Lessee Name (if entity): **Trace-Tek**

49) Lessee Name (if individual): First: MI: Last: Suffix:

50) Attention To: **licenses@trace-tek.com**

### Name of Real Party in Interest

51) Name of Real Party in Interest: **Trace-Tek**

52) FCC Registration Number (FRN): **0030856223**

### Address

53) P.O. Box: **And /Or** 54) Street Address: **2625 Commons Boulevard**

55) City: **Beavercreek** 56) State: **OH** 57) Zip Code: **45341**

58) Telephone Number: **(972)672-0477** 59) FAX Number:

60) E-Mail Address: **licenses@trace-tek.com**

### 61) Demographics (Optional):

Race:	Ethnicity:	Gender:
( ) American Indian or Alaska Native	( ) Hispanic or Latino	( ) Male
( ) Asian	( ) Not Hispanic or Latino	( ) Female
( ) Black or African-American		
( ) Native Hawaiian or Other Pacific Islander		
( ) White		

## Lessee Contact Information

Contact Name (if other than Lessee)

( ) Check here if same as Lessee Information

62) Name: First: **Dan** MI: Last: **Burgess** Suffix:

63) Company Name: **Trace-Tek**

64) Attention To: **licenses@trace-tek.com**

### Address

65) P.O. Box: **And /Or** 66) Street Address: **2625 Commons Boulevard**

67) City: **Beavercreek** 68) State: **OH** 69) Zip Code: **45341**

70) Telephone Number: **(972)672-0477** 71) FAX Number:

72) E-Mail Address: **licenses@trace-tek.com**

## Sublessee Information

### FRN

73) FCC Registration Number:

### Entity

74) Sublessee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Sublessee Name

75) If the Sublessee name is being updated, is the update a result of a change in ownership, corporate structure, or entity for which proper Commission approval has not been received or proper notification not provided?

( ) Yes **No**

76) Sublessee Name (if entity):

77) Sublessee Name (if individual):

First:

MI:

Last:

Suffix:

78) Attention To:

### Name of Real Party in Interest

79) Name of Real Party in Interest:

80) FCC Registration Number (FRN):

### Address

81) P.O. Box:

**And  
/Or**

82) Street Address:

83) City:

84) State:

85) Zip Code:

86) Telephone Number:

87) FAX Number:

88) E-Mail Address:

### 89) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Sublessee Contact Information

Contact Name (if other than Sublessee)

( ) **Check here if same as Sublessee Information**

90) Name:

First:

MI:

Last:

Suffix:

91) Company Name:

92) Attention To:

### Address

93) P.O. Box:

**And  
/Or**

94) Street Address:

95) City:

96) State:

97) Zip Code:

98) Telephone Number:

99) FAX Number:

100) E-Mail Address:

## Transferee Information

### FRN

101) FCC Registration Number:

### Entity

102) Transferee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Transferee Name

103) Transferee Name (if entity):

104) Transferee Name (if individual):

First:

MI:

Last:

Suffix:

105) Attention To:

### Name of Real Party in Interest

106) Name of Real Party in Interest:

107) FCC Registration Number (FRN):

### Address

108) P.O. Box:

And  
/Or

109) Street Address:

110) City:

111) State:

112) Zip Code:

113) Telephone Number:

114) FAX Number:

115) E-Mail Address:

### 116) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Transferee Contact Information

Contact Name (if other than Transferee)

( ) Check here if same as Transferee Information

117) Name:

First:

MI:

Last:

Suffix:

118) Company Name:

119) Attention To:

### Address

120) P.O. Box:

And  
/Or

121) Street Address:

122) City:

123) State:

124) Zip Code:

125) Telephone Number:

126) FAX Number:

127) E-Mail Address:

## Transferor Information

### FRN

128) FCC Registration Number:

### Entity

129) Transferor is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Transferor Name

130) Transferor Name (if entity):

131) Transferor Name (if individual):

First:

MI:

Last:

Suffix:

132) Attention To:

### Address

133) P.O. Box:

And  
/Or

134) Street Address:

135) City:

136) State:

137) Zip Code:

138) Telephone Number:

139) FAX Number:

140) E-Mail Address:

### 139) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Transferor Contact Information

Contact Name (if other than Transferor)

( ) Check here if same as Transferor Information

140) Name:

First:

MI:

Last:

Suffix:

141) Company Name:

142) Attention To:

### Address

143) P.O. Box:

And  
/Or

144) Street Address:

145) City:

146) State:

147) Zip Code:

148) Telephone Number:

149) FAX Number:

150) E-Mail Address:

## Ownership Disclosure Information

### FCC Form 602

153a) Is the Applicant required to file FCC Form 602, Ownership Disclosure Information for the Wireless Telecommunications Services?	( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
153b) If the answer to 151a is 'Y', provide the File Number of FCC Form 602 that has been filed in conjunction with application or is already on file with the FCC.	File Number: <u>0009774970</u>

## Alien Ownership Questions

**Alien Ownership (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

154) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a foreign government or the representative of any foreign government?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
155) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee an alien or the representative of an alien?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
156) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a corporation organized under the laws of a foreign government?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
157) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
158a) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>

158b) If the answer to 155 or 156a is 'Y' select one of the choices below.

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee is exempt from the provisions of Section 310(b).

*It is not necessary to file a petition for declaratory ruling if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee includes in the attachment required by Item 155 or Item 156a a showing that the subject Lease(s) is exempt from the provisions of Section 310(b).*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee has received a declaratory ruling(s) approving its foreign ownership, and the application/notification involves only the acquisition/use of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Lessee/Sublessee or Post-Transfer Lessee/Sublessee has been previously authorized.

*If checked, include in the attachment required by Item 155 or Item 156a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Lessee/Sublessee or Post-Transfer Lessee/Sublessee since the issuance of its ruling.*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/SubLessee that received a declaratory ruling(s) under Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a), and is relying on the affiliate's ruling for purposes of filing this application/notification as permitted under the affiliate's ruling and Section 1.994(b) of the Rules, 47 CFR § 1.994(b).

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 155 or Item 156a the citation(s) of the Lessee/Sublessee or Post-Transfer Lessee/Sublessee's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 156a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Lessee/Sublessee or Post-Transfer Lessee/Sublessee's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application/notification. Alternatively, the Lessee/Sublessee or Post-Transfer Lessee/Sublessee may request a new declaratory ruling pursuant to Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is relying on an affiliate's ruling for purposes of filing this application/notification, include in the attachment required by Item 155 or Item 156a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Lessee/Sublessee or Post-Transfer Lessee/Sublessee must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in Section 1.994(b) of the Rules, 47 CFR § 1.994(b). See Main Form Instructions for Items 155 or 156a, as applicable.*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a), in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 155 or 156a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

## Basic Qualification Information

**Basic Qualification Questions** (If any answer is 'Y', provide an attachment explaining the circumstances)

159) Has the Applicant or any party to this application had any FCC station authorization, license, or construction permit revoked or had any application for an initial, modification, or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( N ) <u>Yes</u> <b>No</b>
160) Has the Applicant or any party to this filing, or any party directly or indirectly controlling the Applicant or any party to this filing ever been convicted of a felony by any state or federal court?	( N ) <u>Yes</u> <b>No</b>
161) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( N ) <u>Yes</u> <b>No</b>

**Spectrum Aggregation Limit Certification(s)**

<p>162) The Licensee/Lessor/Sublessor certifies that grant of this application would not cause the Licensee/Lessor/Sublessor to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 96.31 of the Commission's rules for 3.5 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Licensee/Lessor/Sublessor has sought a waiver of section 96.31 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>163) The Licensee/Lessor/Sublessor certifies that grant of this application would not cause the Licensee/Lessor/Sublessor to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 27.1606 of the Commission's rules for 3.45 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Licensee/Lessor/Sublessor has sought a waiver of section 27.1606 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>164) The Lessee/Sublessee/Transferee certifies that grant of this application would not cause the Lessee/Sublessee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 96.31 of the Commission's rules for 3.5 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Lessee/Sublessee/Transferee has sought a waiver of section 96.31 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>165) The Lessee/Sublessee/Transferee certifies that grant of this application would not cause the Lessee/Sublessee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 27.1606 of the Commission's rules for 3.45 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Lessee/Sublessee/Transferee has sought a waiver of section 27.1606 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>

**Licensee Certification Statements**

- |    |   |
|----|---|
| 1) | The Licensee agrees that the Lease is not a sale or transfer of the license itself.   |
| 2) | The Licensee certifies that it will not consent to assignment of the Lease except to the extent such assignment complies with the Commission's Rules and Regulations. |
| 3) | The Licensee certifies that it holds exclusive use rights to use the licensed spectrum.   |
| 4) | The Licensee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency. |

The Licensee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.

**Type or Printed Name of Party Authorized to Sign**

166) First Name: <b>Jessica</b>	MI: <b>B</b>	Last Name: <b>Lyons</b>	Suffix:
167) Title: <b>Asst. Secretary of Manager</b>			
168) Signature: <b>Jessica B Lyons</b>		165) Date: <b>01/23/2023</b>	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**



## Lessee Certification Statements

1)	The Lessee agrees that the Lease is not a sale or transfer of the license itself.
2)	The Lessee acknowledges that it is required to comply with the Commission's Rules and Regulations and other applicable law at all times, and if the Lessee fails to so comply, the Lease/Sublease may be revoked, cancelled, or terminated by either the Licensee or the Commission.
3)	The Lessee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.
4)	The Lessee hereby accepts Commission oversight and enforcement consistent with the license and lease authorization. The Lessee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the Licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with applicable Commission policies.
5)	The Lessee acknowledges that in the event an authorization held by a Licensee that has associated with it a spectrum leasing arrangement that is the subject of this filing is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Lessee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Lessee agrees the Lease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and Regulations.
7)	The Lessee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Lessee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Lessee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<p><b>The Lessee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b></p>	

## Type or Printed Name of Party Authorized to Sign

168) First Name: <b>Dan</b>	MI:	Last Name: <b>Burgess</b>	Suffix:
169) Title: <b>Manager</b>			
170) Signature: <b>Dan Burgess</b>		171) Date: <b>01/23/2023</b>	
<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b></p> <p><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b></p>			

**Sublessee Certification Statements**

1)	The Sublessee agrees that the Lease is not a sale or transfer of the license itself.
2)	The Sublessee acknowledges that it is required to comply with the Commission's Rules and regulations and other applicable law at all times, and if the Sublessee fails to so comply, the Lease may be revoked, cancelled, or terminated by either the licensee or the Commission.
3)	The Sublessee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.
4)	The Sublessee hereby accepts Commission oversight and enforcement consistent with the license authorization. The Sublessee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with the applicable Commission policies.
5)	The Sublessee acknowledges that in the event an authorization held by a Licensee that has entered into a spectrum leasing arrangement is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Sublessee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Sublessee agrees the Lease/Sublease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and regulations.
7)	The Sublessee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Sublessee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Sublessee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Sublessee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

172) First Name:	MI:	Last Name:	Suffix:
173) Title:			
174) Signature:		175) Date:	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

### Transferee Certification Statements

1)	The Transferee agrees that the Lease/Sublease is not a sale or transfer of the license itself.
2)	The Transferee acknowledges that it is required to comply with the Commission's Rules and Regulations and other applicable law at all times, and if the Transferee fails to so comply, the Lease/Sublease may be revoked, cancelled, or terminated by either the licensee or the Commission.
3)	The Transferee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.)
4)	The Transferee hereby accepts Commission oversight and enforcement consistent with the license authorization. The Transferee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with the applicable Commission policies.
5)	The Transferee acknowledges that in the event an authorization held by a Licensee that has entered into a spectrum leasing arrangement is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Transferee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Transferee agrees the Lease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and Regulations.
7)	The Transferee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Transferee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Transferee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Transferee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

### Type or Printed Name of Party Authorized to Sign

176) First Name:	MI:	Last Name:	Suffix:
177) Title:			
178) Signature:		179) Date:	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

**Transferor Certification Statements**

1)	The Transferor certifies either (1) that control of the Lessee/Sublessee will not be transferred until consent of the Federal Communications Commission has been given, or (2) that prior Commission consent is not required because the Lease/Sublease is subject to streamlined notification procedures for <i>pro forma</i> transfers of control. See <i>Federal Communications Bar Association's Petition for Forbearance from Section 310(d) of the Communications Act Regarding Non-Substantial Assignments of Wireless Licenses and Transfers of Control Involving Telecommunications Carriers and Personal Communications Industry Association's Broadband Personal Communications Services Alliance's Petition for Forbearance For Broadband Personal Communications Services</i> , Memorandum Opinion and Order, 13 FCC Rcd 6293 (1998)
2)	The Transferor certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
<b>The Transferor certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

180) First Name:	MI:	Last Name:	Suffix:
181) Title:			
182) Signature:		183) Date:	
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>			

**Private Commons Manager Certification Statements**

1)	The Licensee/Lessee/Sublessee manager of the Private Commons certifies that it will retain <i>de facto</i> control of the use of the spectrum under the Private Commons arrangement, including that it will maintain reasonable oversight over the users' use of the spectrum under the arrangement so as to ensure that the use of the spectrum, and communications equipment employed, comply with all technical and service rules applicable under the license authorization.
2)	The Licensee/Lessee/Sublessee manager of the Private Commons arrangement certifies that it will maintain the ability to ensure that users under the arrangement comply with all the technical and service rules applicable under the license authorization.
3)	The Licensee/Lessee/Sublessee manager of the Private Commons certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Licensee/Lessee/Sublessee manager of the Private Commons arrangement certifies that all of its statements made in this Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

184) First Name:	MI:	Last Name:	Suffix:
185) Title:			
186) Signature:		187) Date:	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

**License Authorization(s) or Identifiers (pertaining to Lease(s)/Sublease(s)/Private Commons) Associated with the Spectrum To Be Included in the Filing**

188) Call Sign(s) or Lease/Sublease/ Private Commons Identifier(s)	189) Radio Service Code	190) Location Number	191) Path Number (Microwave only)	192) Frequency Number	193) Lower Frequency (MHz)	194) Upper Frequency (MHz)
KNLF235	CW - PCS Broadband					
KNLF237	CW - PCS Broadband					
KNLF251	CW - PCS Broadband					
KNLF256	CW - PCS Broadband					
KNLF367	CW - PCS Broadband					
KNLF367	CW - PCS Broadband					
KNLF391	CW - PCS Broadband					
KNLF467	CW - PCS Broadband					
KNLF882	CW - PCS Broadband					
KNLF928	CW - PCS Broadband					
KNLF948	CW - PCS Broadband					
KNLF948	CW - PCS Broadband					
KNLG485	CW - PCS Broadband					
KNLG502	CW - PCS Broadband					
KNLG518	CW - PCS Broadband					

\* Note: Items 190 – 194 are for New Leases involving spectrum associated with site-based authorizations when only a portion of the licensed locations, paths and/or frequencies will be leased.

**Schedule for Licensees that Received Bidding Credits  
or  
Involving Licenses Won in Closed Bidding**

**Designated Entity Information  
Bidding Credits**

1) Has the full amount of the bidding credits awarded with regard to each of the subject license(s) been paid as part of unjust enrichment payment(s) in previous transaction(s)?	( ) <u>Yes</u> <u>No</u>
If the response to Item 1 is 'Y', Items 2 and 3 are not required to be completed.	

**Bidding Credits - (Spectrum Manager Leases Only)**

2a) Does the Applicant have a general partnership interest or have a direct or indirect ownership interests of ten percent or greater in the Licensee?	( ) <u>Yes</u> <u>No</u>
2b) Is the Applicant a "controlling interest holder" or "affiliate" of the current Licensee?  For purposes of determining whether the Licensee has retained the requisite degree of ownership and control over the leased spectrum in order to remain eligible for the license or for bidding credits, the <i>de jure</i> control standard in 47 CFR § 1.2110 and the <i>de facto</i> control standard in 47 CFR § 1.9010 will be applied (pursuant to the conditions set forth in 47 CFR § 1.9020).	( ) <u>Yes</u> <u>No</u>
2c) Does the Applicant share office space, equipment, or other facilities with any party controlling the entity from which spectrum is being leased/subleased?	( ) <u>Yes</u> <u>No</u>
2d) Is the Applicant a disclosable interest holder that holds a ten percent or greater interest of any kind in the Licensee and is the Lease/Sublease for more than 25% of the spectrum capacity of the subject license(s)?	( ) <u>Yes</u> <u>No</u>
2e) Does the Licensee certify that the Lease/Sublease does not affect its continuing eligibility to retain bidding credit(s)?	( ) <u>Yes</u> <u>No</u>

**Bidding Credits – (Long-Term De Facto Transfer Leases Only)  
Eligibility**

3a) With respect to each of the subject licenses, the Applicant:  ( ) qualifies for the same designated entity benefit as the current Licensee ( ) qualifies for a different designated entity benefit than the current Licensee ( ) does not qualify for any designated entity status
--

3b) If the Applicant states in Item 3a that it qualifies for the same designated entity benefit as the current Licensee or qualifies for a different designated entity status than the current Licensee, the Applicant qualifies for a (select one):  ( ) small business bidding credit ( ___% ) ( ) rural service provider bidding credit	
3c) Is the Applicant a disclosable interest holder that holds a ten percent or greater interest of any kind in the Licensee and is the Lease/Sublease for more than 25% of the spectrum capacity of the subject license(s)?	( ) <u>Yes</u> <u>No</u>

**Closed Bidding Licenses**

4) Have construction notifications been submitted as required by the Commission's Rules for each of the subject licenses?  If the response to Item 4 is 'Y', Items 5 and 6 are not required to be completed.	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Closed Bidding Licenses – (Spectrum Manager Leases Only)**

5a) Does the Applicant have a general partnership interest or have a direct or indirect ownership interest of ten percent or greater in the Licensee?	( ) <u>Yes</u> <u>No</u>
5b) Is the Applicant a "controlling interest holder" or "affiliate" of the current Licensee?	( ) <u>Yes</u> <u>No</u>
5c) Does the Applicant share office space, equipment or other facilities with any party controlling the entity from which spectrum is being leased?	( ) <u>Yes</u> <u>No</u>
5d) Does the Licensee certify that the Lease/Sublease does not affect its continuing eligibility to retain closed bidding licenses?	( ) <u>Yes</u> <u>No</u>

**Closed Bidding Licenses – (Long-Term *De Facto* Transfer Leases Only)****Eligibility**

6) With respect to each of the subject licenses, the Applicant: ( ) a) qualifies for closed bidding  ( ) b) does not qualify for closed bidding
--



**7) Revenue and Asset Information for the Applicant**

**Purpose** (Check Modify if filing an Amendment application and changing the Revenue and Asset Information from what was provided on the original filing)

Modify

**Gross Revenue Disclosure Most Recent Reportable Year**

8a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
8b) Gross Revenues	\$ _____ (Format: 99,999.99)
8c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**One Year Prior to Most Recent Reportable Year**

9a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
9b) Gross Revenues	\$ _____ (Format: 99,999.99)
9c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Two Years Prior to Most Recent Reportable Year**

10a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
10b) Gross Revenues	\$ _____ (Format: 99,999.99)
10c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Three Years Prior to Most Recent Reportable Year**

11a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
11b) Gross Revenues	\$ _____ (Format: 99,999.99)
11c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Four Years Prior to Most Recent Reportable Year**

12a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
12b) Gross Revenues	\$ _____ (Format: 99,999.99)
12c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Average Gross Revenue**

13) Average Gross Revenue of Reported Years: \$ \_\_\_\_\_ (Format: 99,999.99)

**Asset Disclosure**

14) Total Assets as of Application Filing Date: \$ \_\_\_\_\_

**Financial Statements**

15) Audited or Unaudited (Check One)

The Applicant used audited financial statements.

The Applicant used unaudited financial statements prepared in accordance with Generally Accepted Accounting Principles (GAAP) and certified by the Applicant's chief financial officer or the equivalent.

Reference Copy

Reference Copy

**Closed Bidding/Designated Entity Eligibility**

**Total Gross Revenues for Most Recent Reportable Year**

36a) Gross Revenues:	\$ _____	(Format: 99,999.99)
36b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for One Year Prior to Most Recent Reportable Year**

37a) Gross Revenues:	\$ _____	(Format: 99,999.99)
37b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for Two Years Prior to Most Recent Reportable Year**

38a) Gross Revenues:	\$ _____	(Format: 99,999.99)
38b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for Three Years Prior to the Most Recent Reportable Year**

39a) Gross Revenues:	\$ _____	(Format: _____)
39b) Year-end Date:	_____	(Date Format: _____)

**Total Gross Revenues for Four Years Prior to the Most Recent Reportable Year**

40a) Gross Revenues:	\$ _____	(Format: 99,999.99)
40b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Aggregate Average Gross Revenues for Designated Entity (License(s) Requiring Disclosure of Three Years of Gross Revenue Data)**

41) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Aggregate Average Gross Revenues for Designated Entity (License(s) Requiring Disclosure of Five Years of Gross Revenue Data)**

41) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Aggregate Average Gross Revenues for Closed Bidding**

42) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Assets Disclosure for Closed Bidding**

43) Total Assets:	\$ _____	(Format: 99,999.99)
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**Rural Service Provider Bidding Credit**

36) Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	( ) <u>Yes</u> <b>No</b>
---	--------------------------

If the Applicant (the Lessee/Sublessee/Transferee) is seeking a rural service provider (RSP) bidding credit, provide in an exhibit the following information requested in a-e.

a) for the Applicant, submit the combined number of commercial communications service subscribers to wireless, wireline, broadband, and cable services that the Applicant serves and provide a list of the name(s) and the Federal Information Processing Standard (FIPS) number(s) for each county in which the Applicant has at least one commercial wireless, wireline, broadband, or cable subscriber;

b) for each of the Applicant's Affiliates, Controlling Interests, and the Affiliates of its Controlling Interests, submit the individual or entity's name, its FCC Registration Number (FRN), its relationship to the Applicant, and its combined number of commercial communications service subscribers to wireless, wireline, broadband, and cable services. For each of the Applicant's Affiliates, Controlling Interests, and the Affiliates of its Controlling Interests, also provide a list of the name(s) and the FIPS number(s) for each county in which it has at least one commercial wireless, wireline, broadband, or cable subscriber;

c) if neither the Applicant, nor any of its Affiliates, its Controlling Interests, or the Affiliates of its Controlling Interests have at least one wireless, wireline, broadband, or cable subscriber in a market for which the Applicant is applying for a license, list the market(s) in which the Applicant, its Affiliates, its Controlling Interests, and the Affiliates of its Controlling Interests have no such subscribers;

d) a detailed explanation demonstrating that: (i) the Applicant is in the business of providing commercial communications services; (ii) the Applicant serves predominantly rural areas; and (iii) the primary focus of the Applicant's business activity is the provision of services to rural areas (defined as counties with a population density of 100 or fewer persons per square mile); and

e) If the Applicant is an existing rural partnership that was providing service as of July 16, 2015, provide a detailed explanation demonstrating that each member of the partnership is independently eligible for the RSP bidding credit by providing, with respect to each member of the partnership, the same information as is required in a-d above.



**Schedule for Supplemental Information Pertaining to a New Lease, New Sublease,  
Revision to Extend the Term of an Existing Lease or Sublease, or  
Revision to Cancel an Existing Lease or Sublease**

License Authorizations/Lease Identifiers/Sublease Identifiers (Complete as many Schedule E's as necessary)

1) Call Sign(s) or Lease/Sublease Identifier(s)	2) Radio Service Code	3) Commencement Date  (MM/DD/YYYY) OR Check box for FCC Grant Date	4) Expiration Date  (MM/DD/YYYY)	5) Revised Expiration Date  (MM/DD/YYYY)	6) Cancellation Date  (MM/DD/YYYY) OR Check box if Lease/Sublease Never Commenced
KNLF235	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
KNLF237	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
KNLF251	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
KNLF256	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
KNLF367	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLF391	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLF467	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLF882	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLF928	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLF948	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG485	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG502	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>



1) Call Sign(s) or Lease/Sublease Identifier(s)	2) Radio Service Code	3) Commencement Date  (MM/DD/YYYY) OR Check box for FCC Grant Date	4) Expiration Date  (MM/DD/YYYY)	5) Revised Expiration Date  (MM/DD/YYYY)	6) Cancellation Date  (MM/DD/YYYY) OR Check box if Lease/Sublease Never Commenced
KNLG518	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF235</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:1	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth
001850.00000000	001860.00000000
001930.00000000	001940.00000000

Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: <u>KNLF237</u>
------------------------------

Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:2	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: KNLF251

Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:3	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: KNLF256

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:4	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: <u>KNLF367</u>
------------------------------

Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:5	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF367</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:6	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF391</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:7	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth



**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF467</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:8	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF882</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:9	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF928</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:10	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: KNLF948

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:11	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

**Spectrum Leased**

Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLF948</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:12	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG485</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:13	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG502</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:14	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG518</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:15	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth



Number: 1

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	<b>Latitude (DD-MM-SS.S-D)</b>	<b>Longitude (DDD-MM-SS.S-D)</b>
1	38-26-13.5 N	082-42-26.7 W
2	38-26-12.8 N	082-42-08.2 W
3	38-26-05.8 N	082-42-06.6 W
4	38-26-00.5 N	082-42-13.5 W
5	38-26-00.7 N	082-42-25.2 W
6	38-26-13.5 N	082-42-26.7 W

Number: 2

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	38-52-15.4 N	089-24-33.8 W
2	38-52-15.4 N	089-24-23.5 W
3	38-51-59.9 N	089-24-19.2 W
4	38-51-51.5 N	089-24-26.0 W
5	38-51-51.5 N	089-24-43.2 W
6	38-52-00.8 N	089-24-43.2 W
7	38-52-15.4 N	089-24-33.8 W

Number: 3

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	37-10-52.2 N	083-47-34.4 W
2	37-10-55.7 N	083-47-29.6 W
3	37-10-50.5 N	083-47-15.2 W
4	37-10-44.4 N	083-47-12.3 W
5	37-10-38.8 N	083-47-16.8 W
6	37-10-37.7 N	083-47-24.1 W
7	37-10-41.2 N	083-47-28.2 W
8	37-10-52.2 N	083-47-34.4 W

Number: 4

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	32-53-41.3 N	090-27-04.6 W
2	32-53-44.5 N	090-25-39.4 W
3	32-52-45.6 N	090-25-38.1 W
4	32-52-47.0 N	090-27-01.3 W
5	32-53-41.3 N	090-27-04.6 W

Number: 5

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

Latitude (DD-MM-SS.S-D)

Longitude (DDD-MM-SS.S-D)

1	32-43-31.6 N	081-15-29.8 W
2	32-43-28.5 N	081-14-56.8 W
3	32-43-01.5 N	081-14-59.6 W
4	32-43-04.3 N	081-15-33.8 W
5	32-43-31.6 N	081-15-29.8 W

Number: 6

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	31-33-55.8 N	081-54-19.2 W
2	31-33-56.7 N	081-54-11.4 W
3	31-33-52.0 N	081-53-55.9 W
4	31-33-45.5 N	081-53-55.0 W
5	31-33-43.7 N	081-54-18.2 W
6	31-33-55.8 N	081-54-19.2 W

Number: 7

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	31-28-20.6 N	092-27-03.8 W
2	31-28-20.4 N	092-25-59.5 W
3	31-27-39.4 N	092-26-05.1 W
4	31-27-41.9 N	092-27-06.3 W
5	31-28-20.6 N	092-27-03.8 W

Number: 8

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	34-59-04.6 N	090-48-28.4 W
2	34-59-03.1 N	090-47-26.3 W
3	34-58-23.7 N	090-47-26.6 W
4	34-58-25.8 N	090-48-30.6 W
5	34-59-04.6 N	090-48-28.4 W



Number: 9

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	34-40-11.1 N	079-43-15.3 W
2	34-40-30.9 N	079-43-11.2 W
3	34-40-28.8 N	079-42-56.7 W
4	34-40-08.9 N	079-43-01.1 W
5	34-40-11.1 N	079-43-15.3 W

Number: 10

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	31-28-20.6 N	092-27-03.8 W
2	31-28-20.4 N	092-25-59.5 W
3	31-27-39.4 N	092-26-05.1 W
4	31-27-41.9 N	092-27-06.3 W
5	31-28-20.6 N	092-27-03.8 W

Number: 11

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	32-43-31.6 N	081-15-29.8 W
2	32-43-28.5 N	081-14-56.8 W
3	32-43-01.5 N	081-14-59.6 W
4	32-43-04.3 N	081-15-33.8 W
5	32-43-31.6 N	081-15-29.8 W

Number: 12

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	31-33-55.8 N	081-54-19.2 W
2	31-33-56.7 N	081-54-11.4 W
3	31-33-52.0 N	081-53-55.9 W
4	31-33-45.5 N	081-53-55.0 W
5	31-33-43.7 N	081-54-18.2 W
6	31-33-55.8 N	081-54-19.2 W

Number: 13

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	25-37-06.5 N	080-24-48.7 W
2	25-37-14.5 N	080-24-41.2 W
3	25-37-07.9 N	080-24-28.2 W
4	25-36-59.4 N	080-24-27.9 W
5	25-36-58.9 N	080-24-39.8 W
6	25-37-06.5 N	080-24-48.7 W

Number: 14

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	41-26-18.6 N	073-28-18.5 W
2	41-26-19.8 N	073-27-51.5 W
3	41-26-02.2 N	073-27-50.9 W
4	41-26-00.4 N	073-28-06.5 W
5	41-26-18.6 N	073-28-18.5 W

Number: 15

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	45-05-13.0 N	123-23-26.1 W
2	45-05-12.7 N	123-22-40.1 W
3	45-04-55.2 N	123-22-38.7 W
4	45-04-55.6 N	123-23-28.0 W
5	45-05-13.0 N	123-23-26.1 W

Attachment(s):

Type	Description	Date Entered
O	<a href="#">Exhibit 3 - Site Information</a>	01/04/2023
O	<a href="#">Exhibit 2 - Description of Licenses</a>	01/04/2023
O	<a href="#">Exhibit 1 - Description of Transaction</a>	01/04/2023



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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: FCC GROUP
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD ST. 20F
DALLAS, TX 75202

Table with Call Sign (KNLH398), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

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).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** KNLH398

**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

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 08:55:27  
 File Number: 0010359082

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB  
 3060 - 0798  
 See instructions for  
 public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>CW</b></p>	1a) Existing Radio Service Code:
--	----------------------------------

**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>KNLH398</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM    DD _____ / _____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) ( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( <input checked="" type="checkbox"/> ) Limited Liability Company ( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership ( ) Consortium ( ) Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			( ) <u>Yes</u> <u>No</u>
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>Cecil J Mathew</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax: <b>(214)746-6410</b>	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: ( ) American Indian or Alaska Native ( ) Asian ( ) Black or African-American ( ) Native Hawaiian or Other Pacific Islander ( ) White	Ethnicity: ( ) Hispanic or Latino ( ) Not Hispanic or Latino	Gender: ( ) Male ( ) Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)****( ) Check here if same as Applicant.**

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, LLC</b>			
32) Attention To: <b>FCC Group</b>			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax: <b>(214)746-6410</b>	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock (  Yes  No ) is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants****57) Operation/Performance Requirement Certification**

<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
--	---

**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
--	---

**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).



**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
 File Number: 0010367813

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB  
 3060 - 0798  
 See instructions for  
 public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>CW</b></p>	1a) Existing Radio Service Code:
--	----------------------------------

**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>KNLH398</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM    DD _____ / _____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax: <b>(214)746-6410</b>	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
--	--

**Contact Information (If different from the Applicant)** Check here if same as Applicant.

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To: <b>FCC Group</b>			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax: <b>(214)746-6410</b>	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) **Yes** **No** is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

57) Operation/Performance Requirement Certification	
<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			



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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: FCC GROUP
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD ST. 20F
DALLAS, TX 75202

Table with Call Sign (WPOI255), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

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.

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).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** WPO1255

**File Number:**

**Print Date:**

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Spectrum Lease Associated with this License. See Spectrum Leasing Arrangement Letter dated 12/06/2004 and File # 0001918558.

The Spectrum Leasing Arrangement, which became effective upon approval of application file number 0001918558, was terminated on 04/14/2005. See file number 0002135370.

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** WPOI255

**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

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
 File Number: 0010371981

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB  
 3060 - 0798  
 See instructions for  
 public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>CW</b></p>	1a) Existing Radio Service Code:
--	----------------------------------

**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a Special Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <u>N/A</u> ' (Not Applicable).	( <b>N</b> ) <u>M</u> <u>S</u> <u>N/A</u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u>Y</u> es <b>N</b> o
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>WPOI255</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM      DD _____ / _____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u>C</u> <b>P</b>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u>Y</u> es <b>N</b> o
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u>Y</u> es <b>N</b> o

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u>Y</u> es <b>N</b> o
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u>Y</u> es <b>N</b> o
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u>Y</u> es <b>N</b> o
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u>Y</u> es <b>N</b> o

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax:	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)** Check here if same as Applicant.

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To: <b>FCC Group</b>			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax:	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock (  Yes  No ) is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
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**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

57) Operation/Performance Requirement Certification	
<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>



<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

**FCC Form 608 FCC Application or Notification for Spectrum Leasing Arrangement/  
Main Form Notification of a Private Commons Arrangement**

3060-1058

Submitted: 01/23/2023 at  
18:56:21  
File Number: 0010338141

**Wireless Telecommunications Bureau  
Public Safety and Homeland Security Bureau**

See 608 Main Form Instructions  
For public burden estimate

**General Information**
**Application/Notification Purpose**

1a) Purpose of Filing (Select only one):	
<input checked="" type="checkbox"/> <b>LN</b> – New	<input type="checkbox"/> <b>LM</b> – Modification
<input type="checkbox"/> <b>LT</b> – Transfer of Control	<input type="checkbox"/> <b>LE</b> – Extend the Term
<input type="checkbox"/> <b>LI</b> – Light Touch Leasing Certification	<input type="checkbox"/> <b>AM</b> – Amendment
	<input type="checkbox"/> <b>LU</b> – Administrative Update
	<input type="checkbox"/> <b>LC</b> – Cancel
	<input type="checkbox"/> <b>WD</b> – Withdraw
1b) If this filing is for an Amendment (AM) or Withdrawal (WD), enter the File Number of the pending Application/Notification currently on file with the FCC.	File Number: _____

**Classification of Filing**
**For Leases/Subleases Only**

2a) Classification of Filing (Select only one):	2b) Type of Filing
<input type="checkbox"/> <b>ML</b> – Spectrum Manager Lease	<input checked="" type="checkbox"/> <b>L</b> – Lease
<input checked="" type="checkbox"/> <b>TL</b> – <i>De Facto</i> Transfer Lease	<input type="checkbox"/> <b>S</b> – Sublease (Must be filed manually)

**For Private Commons Arrangements Only (Must be filed Manually)**

2c) This filing will be a Private Commons Arrangement pursuant to a (Select only one):	2d) If a Private Commons Arrangement pursuant to a Lease or Sublease, choose the legal type (Select only one):
<input type="checkbox"/> <b>N</b> – License	<input type="checkbox"/> <b>M</b> – Spectrum Manager
<input type="checkbox"/> <b>L</b> – Lease	<input type="checkbox"/> <b>T</b> – <i>De Facto</i> Transfer
<input type="checkbox"/> <b>S</b> – Sublease	

**Term of Lease/Sublease**

3) Indicate whether the existing Lease/Sublease is:	<input checked="" type="checkbox"/> Long-Term	or	<input type="checkbox"/> Short-Term
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**Other Wireless Licenses**

4a) Is this filing part of a series of filings involving other wireless license(s) or lease(s) held by the Applicant, affiliates of the Licensee (e.g., parents, subsidiaries, or commonly-controlled entities), or third parties that are not included on this filing and for which Commission approval or notification is required?	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
4b) If the answer to 4a is 'Y', is this filing the lead Application/Notification?	<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
4c) If the answer to 4a is 'Y' and the answer to 4b is 'N', provide the File Number of the lead Application/Notification.	File Number: _____

**Attachments**

5) Are attachments (other than associated schedules) being filed with this Application/Notification?	( <input checked="" type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Fees and Waivers****Exemption from Application Fees**

6) Is the Applicant exempt from FCC application fees? If the answer to 6 is 'Y', attach an exhibit demonstrating how the applicant is exempt from FCC application fees.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Waiver/Deferral of Fees**

7) Is a waiver/deferral of the FCC application fees being requested? If the answer to 7 is 'Y', attach a date-stamped copy of the request for waiver/deferral of the FCC application fees.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Waiver of Commission Rules**

8) Does this filing include a request for waiver of the Commission's Rules (other than a request for application fee waivers)? If the answer to 8 is 'Y', attach an exhibit specifying the rule section(s) for which a waiver is being requested and including a justification for the waiver request.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Regulatory Status and Offerings****Radio Service Offerings**

9) The Applicant will provide the following type(s) of radio service offerings (select all that apply): ( <input type="checkbox"/> ) Common Carrier      ( <input type="checkbox"/> ) Non-common Carrier      ( <input type="checkbox"/> ) Private, internal communications      ( <input type="checkbox"/> ) Broadcast Services All entities that are planning to use the leased spectrum for telecommunications services should select common carrier in this item. The term 'telecommunications service' means the offering of telecommunications (i.e., the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received) for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used. Non-common carriers do not hold themselves out indiscriminately for hire as carriers of communications provided by the customer. A person engaged in radio broadcasting shall not, insofar as such person is so engaged, be deemed a common carrier. Thus, those entities meeting this definition would select non- common carrier for this item. Private internal users are those entities that utilize telecommunications services purely for internal business purposes or public safety communications and not on a for-hire or for-profit basis. Such entities should select 'Private' for this item. The term 'Broadcast Services' shall have the same meaning as that for "broadcasting" in § 3(6) of the Communications Act of 1934, i.e., the dissemination of radio communications intended to be received by the public, directly or by the intermediary of relay stations." 47 U.S.C. § 153(6). If the Applicant is modifying the type of radio service offerings it provides, please provide an exhibit explaining the modification.
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**Radio Service**

10) The Applicant will provide the following type(s) of radio service (select all that apply): ( <input type="checkbox"/> ) Fixed      ( <input type="checkbox"/> ) Mobile      ( <input type="checkbox"/> ) Radiolocation      ( <input type="checkbox"/> ) Satellite (sound)      ( <input type="checkbox"/> ) Broadcast Services	
11) Does the Applicant propose to provide service interconnected to the public telephone network?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

## Designated Entity Information (If the answer to 12a, 12b or 12c is 'Y', Schedule A must be completed.)

### Bidding Credits

12a) Does this filing involve any spectrum associated with any licenses that were awarded with bidding credits within the last five years?  If the response to this item is 'Y', the licenses may be subject to the FCC's unjust enrichment rules, and the Applicant should answer relevant bidding credit questions.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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### Closed Bidding

12b) Does this filing involve any spectrum associated with any licenses that were originally granted pursuant to closed bidding within the last five years?  If the response to this item is 'Y', the Applicant should answer relevant closed bidding questions.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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## Competition-Related Information

13) Does this filing involve a license authorization or Spectrum Lease/Sublease that may be used to provide interconnected mobile voice and/or data services that would create a geographic overlap with another license authorization(s) or spectrum leasing arrangement(s), that also could be used to provide interconnected mobile voice and/or data services, in which the Applicant already holds attributable interests, as defined in Section 20.22(b) of the Commission's Rules, either as a licensee or spectrum lessee/sublessee?  If 'Y', specify in an exhibit all geographic areas/markets (e.g., BTA, CMA, county, etc.) where there are spectrum overlaps and the total amount of spectrum that the Assignee/Transferee will hold and/or lease in each geographic area/market.	( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
14) If the answer to Item 13 is 'Y', would/does this application for a spectrum leasing or subleasing arrangement reduce the number of entities providing service in the affected market(s)?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>

## Broadband Radio Service and Educational Broadband Service Information

15a) Will the requested facilities be used to provide multichannel video programming service?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
15b) If the answer to 15a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?  If 'Y', provide an exhibit explaining how the Applicant (Lessee/Sublessee) complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission's Rule(s) is being requested, 8a must be answered 'Y'.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
16) Does the Applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?  If 'N', provide an exhibit explaining how the Applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission's Rule(s) is being requested, 8a must be answered 'Y'.	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>

## Part 90 Public Safety Services

### Eligibility

17) Is the Applicant a public safety entity or otherwise an entity that will use the leased spectrum to provide communications in support of public safety operations pursuant to Section 90.523 of the Commission's Rules?	( <input type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
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## 600 MHz Band Information

<p>18) Is the spectrum leasing/subleasing arrangement for a term of one year or more (either initially or cumulatively) and involves any licenses in the 600 MHz Band initially granted in the last six years that would, if leased, create a geographic overlap with another licenses(s) in which the Lessee/Sublessee already holds attributable interests, as defined in Section 20.22(b) of the Commission's Rules, either as a licensee or spectrum Lessee/Sublessee, and that would result in the Lessee/Sublessee holding an attributable interest, as defined in Section 20.22(b) of the Commission's Rules, in one-third or more of the total suitable and available below-1-GHz spectrum as calculated on a county-by-county population-weighted basis in the relevant license area, utilizing 2010 U.S. Census data?</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If 'Y', provide an exhibit detailing the proposed spectrum leasing/subleasing exchange of 600 MHz band spectrum in the same market(s), including a list of all file numbers for applications associated with the proposed spectrum leasing arrangement exchange, or describing the <i>pro forma</i> nature of the spectrum leasing arrangement, as appropriate.</p>	<p>( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u></p>
<p>19) Is the spectrum leasing/subleasing arrangement for a term of one year or more (either initially or cumulatively) and involves any licenses that were initially granted as reserved spectrum licenses in the 600 MHz Band in the last six years? Otherwise, enter 'N'.</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If 'Y', provide an exhibit demonstrating how the Lessee/Sublessee would have qualified to bid on that reserved spectrum license(s) in Auction 1002 as of the FCC Form 175 filing deadline (February 10, 2016) for Auction 1002, the forward auction of the Broadcast Incentive Auction.</p>	<p>( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u></p>

## Licensee Information

### FRN

20) FCC Registration Number: **0003291192**

### Entity

21) Licensee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation (  ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Licensee Name

22) Licensee Name (if entity): **New Cingular Wireless PCS, LLC**

23) Licensee Name (if individual): First: MI: Last: Suffix:

24) Attention To: **Cecil J. Mathew**

### Address

25) P.O. Box: **And /Or** 26) Street Address: **208 S. Akard Street, RM 1016**

27) City: **Dallas** 28) State: **TX** 29) Zip Code: **75202**

30) Telephone Number: **(855)699-7073** 31) FAX Number: **(214)746-6410**

32) E-Mail Address: **FCCMW@att.com**

### 33) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native  
( ) Asian  
( ) Black or African-American  
( ) Native Hawaiian or Other Pacific Islander  
( ) White

#### Ethnicity:

( ) Hispanic or Latino  
( ) Not Hispanic or Latino

#### Gender:

( ) Male  
( ) Female

## Licensee Contact Information

Contact Name (if other than Licensee)

( ) Check here if same as Licensee Information

34) Name: First: MI: Last: Suffix:

35) Company Name: **AT&T Mobility LLC**

36) Attention To: **Michael P. Goggin**

### Address

37) P.O. Box: **And /Or** 38) Street Address: **1120 20th Street NW, Suite 1000**

39) City: **Washington** 40) State: **DC** 41) Zip Code: **20036**

42) Telephone Number: **(202)457-2055** 43) FAX Number:

44) E-Mail Address: **michael.p.goggin@att.com**

## Lessee Information

### FRN

45) FCC Registration Number: **0030856223**

### Entity

46) Lessee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation (  ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Lessee Name

47) If the Lessee name is being updated, is the update a result of a change in ownership, corporate structure, or entity for which proper Commission approval has not been received or proper notification not provided? ( ) Yes **No**

48) Lessee Name (if entity): **Trace-Tek**

49) Lessee Name (if individual): First: MI: Last: Suffix:

50) Attention To: **licenses@trace-tek.com**

### Name of Real Party in Interest

51) Name of Real Party in Interest: **Trace-Tek**

52) FCC Registration Number (FRN): **0030856223**

### Address

53) P.O. Box: **And /Or** 54) Street Address: **2625 Commons Boulevard**

55) City: **Beavercreek** 56) State: **OH** 57) Zip Code: **45341**

58) Telephone Number: **(972)672-0477** 59) FAX Number:

60) E-Mail Address: **licenses@trace-tek.com**

### 61) Demographics (Optional):

Race:	Ethnicity:	Gender:
( ) American Indian or Alaska Native	( ) Hispanic or Latino	( ) Male
( ) Asian	( ) Not Hispanic or Latino	( ) Female
( ) Black or African-American		
( ) Native Hawaiian or Other Pacific Islander		
( ) White		

## Lessee Contact Information

Contact Name (if other than Lessee)

( ) Check here if same as Lessee Information

62) Name: First: **Dan** MI: Last: **Burgess** Suffix:

63) Company Name: **Trace-Tek**

64) Attention To: **licenses@trace-tek.com**

### Address

65) P.O. Box: **And /Or** 66) Street Address: **2625 Commons Boulevard**

67) City: **Beavercreek** 68) State: **OH** 69) Zip Code: **45341**

70) Telephone Number: **(972)672-0477** 71) FAX Number:

72) E-Mail Address: **licenses@trace-tek.com**



## Sublessee Information

### FRN

73) FCC Registration Number:

### Entity

74) Sublessee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Sublessee Name

75) If the Sublessee name is being updated, is the update a result of a change in ownership, corporate structure, or entity for which proper Commission approval has not been received or proper notification not provided?

( ) Yes **No**

76) Sublessee Name (if entity):

77) Sublessee Name (if individual):

First:

MI:

Last:

Suffix:

78) Attention To:

### Name of Real Party in Interest

79) Name of Real Party in Interest:

80) FCC Registration Number (FRN):

### Address

81) P.O. Box:

**And  
/Or**

82) Street Address:

83) City:

84) State:

85) Zip Code:

86) Telephone Number:

87) FAX Number:

88) E-Mail Address:

### 89) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Sublessee Contact Information

Contact Name (if other than Sublessee)

( ) **Check here if same as Sublessee Information**

90) Name:

First:

MI:

Last:

Suffix:

91) Company Name:

92) Attention To:

### Address

93) P.O. Box:

**And  
/Or**

94) Street Address:

95) City:

96) State:

97) Zip Code:

98) Telephone Number:

99) FAX Number:

100) E-Mail Address:

## Transferee Information

### FRN

101) FCC Registration Number:

### Entity

102) Transferee is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Transferee Name

103) Transferee Name (if entity):

104) Transferee Name (if individual):

First:

MI:

Last:

Suffix:

105) Attention To:

### Name of Real Party in Interest

106) Name of Real Party in Interest:

107) FCC Registration Number (FRN):

### Address

108) P.O. Box:

And  
/Or

109) Street Address:

110) City:

111) State:

112) Zip Code:

113) Telephone Number:

114) FAX Number:

115) E-Mail Address:

### 116) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Transferee Contact Information

Contact Name (if other than Transferee)

( ) Check here if same as Transferee Information

117) Name:

First:

MI:

Last:

Suffix:

118) Company Name:

119) Attention To:

### Address

120) P.O. Box:

And  
/Or

121) Street Address:

122) City:

123) State:

124) Zip Code:

125) Telephone Number:

126) FAX Number:

127) E-Mail Address:

## Transferor Information

### FRN

128) FCC Registration Number:

### Entity

129) Transferor is a(n) (Select One):

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( ) Limited Liability Company

( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership

( ) Other: \_\_\_\_\_

### Transferor Name

130) Transferor Name (if entity):

131) Transferor Name (if individual):

First:

MI:

Last:

Suffix:

132) Attention To:

### Address

133) P.O. Box:

And  
/Or

134) Street Address:

135) City:

136) State:

137) Zip Code:

138) Telephone Number:

139) FAX Number:

140) E-Mail Address:

### 139) Demographics (Optional):

#### Race:

( ) American Indian or Alaska Native

( ) Asian

( ) Black or African-American

( ) Native Hawaiian or Other Pacific Islander

( ) White

#### Ethnicity:

( ) Hispanic or Latino

( ) Not Hispanic or Latino

#### Gender:

( ) Male

( ) Female

## Transferor Contact Information

Contact Name (if other than Transferor)

( ) Check here if same as Transferor Information

140) Name:

First:

MI:

Last:

Suffix:

141) Company Name:

142) Attention To:

### Address

143) P.O. Box:

And  
/Or

144) Street Address:

145) City:

146) State:

147) Zip Code:

148) Telephone Number:

149) FAX Number:

150) E-Mail Address:

## Ownership Disclosure Information

### FCC Form 602

153a) Is the Applicant required to file FCC Form 602, Ownership Disclosure Information for the Wireless Telecommunications Services?	( <input checked="" type="radio"/> ) <u>Yes</u> <input type="radio"/> <u>No</u>
153b) If the answer to 151a is 'Y', provide the File Number of FCC Form 602 that has been filed in conjunction with application or is already on file with the FCC.	File Number: <u>0009774970</u>

## Alien Ownership Questions

**Alien Ownership (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

154) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a foreign government or the representative of any foreign government?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
155) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee an alien or the representative of an alien?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
156) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a corporation organized under the laws of a foreign government?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
157) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>
158a) Is the Lessee/Sublessee or Post-Transfer Lessee/Sublessee directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( <input type="radio"/> ) <u>Yes</u> <input checked="" type="radio"/> <u>No</u>

158b) If the answer to 155 or 156a is 'Y' select one of the choices below.

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee is exempt from the provisions of Section 310(b).

*It is not necessary to file a petition for declaratory ruling if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee includes in the attachment required by Item 155 or Item 156a a showing that the subject Lease(s) is exempt from the provisions of Section 310(b).*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee has received a declaratory ruling(s) approving its foreign ownership, and the application/notification involves only the acquisition/use of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Lessee/Sublessee or Post-Transfer Lessee/Sublessee has been previously authorized.

*If checked, include in the attachment required by Item 155 or Item 156a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Lessee/Sublessee or Post-Transfer Lessee/Sublessee since the issuance of its ruling.*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/SubLessee that received a declaratory ruling(s) under Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a), and is relying on the affiliate's ruling for purposes of filing this application/notification as permitted under the affiliate's ruling and Section 1.994(b) of the Rules, 47 CFR § 1.994(b).

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 155 or Item 156a the citation(s) of the Lessee/Sublessee or Post-Transfer Lessee/Sublessee's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 156a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Lessee/Sublessee or Post-Transfer Lessee/Sublessee's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application/notification. Alternatively, the Lessee/Sublessee or Post-Transfer Lessee/Sublessee may request a new declaratory ruling pursuant to Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is relying on an affiliate's ruling for purposes of filing this application/notification, include in the attachment required by Item 155 or Item 156a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Lessee/Sublessee or Post-Transfer Lessee/Sublessee is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Lessee/Sublessee or Post-Transfer Lessee/Sublessee must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in Section 1.994(b) of the Rules, 47 CFR § 1.994(b). See Main Form Instructions for Items 155 or 156a, as applicable.*

The Lessee/Sublessee or Post-Transfer Lessee/Sublessee has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a), in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 155 or 156a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to Section 1.990(a) of the Commission's Rules, 47 CFR § 1.990(a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

## Basic Qualification Information

**Basic Qualification Questions** (If any answer is 'Y', provide an attachment explaining the circumstances)

159) Has the Applicant or any party to this application had any FCC station authorization, license, or construction permit revoked or had any application for an initial, modification, or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( N ) <u>Yes</u> <b>No</b>
160) Has the Applicant or any party to this filing, or any party directly or indirectly controlling the Applicant or any party to this filing ever been convicted of a felony by any state or federal court?	( N ) <u>Yes</u> <b>No</b>
161) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( N ) <u>Yes</u> <b>No</b>

**Spectrum Aggregation Limit Certification(s)**

<p>162) The Licensee/Lessor/Sublessor certifies that grant of this application would not cause the Licensee/Lessor/Sublessor to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 96.31 of the Commission's rules for 3.5 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Licensee/Lessor/Sublessor has sought a waiver of section 96.31 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>163) The Licensee/Lessor/Sublessor certifies that grant of this application would not cause the Licensee/Lessor/Sublessor to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 27.1606 of the Commission's rules for 3.45 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Licensee/Lessor/Sublessor has sought a waiver of section 27.1606 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>164) The Lessee/Sublessee/Transferee certifies that grant of this application would not cause the Lessee/Sublessee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 96.31 of the Commission's rules for 3.5 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Lessee/Sublessee/Transferee has sought a waiver of section 96.31 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>165) The Lessee/Sublessee/Transferee certifies that grant of this application would not cause the Lessee/Sublessee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under section 27.1606 of the Commission's rules for 3.45 GHz licenses, taking into consideration the spectrum attribution rules under section 20.22(b) of the Commission's rules.</p> <p>If the Lessee/Sublessee/Transferee has sought a waiver of section 27.1606 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( ) <u>Yes</u> <u>No</u></p>

**Licensee Certification Statements**

- |    |   |
|----|---|
| 1) | The Licensee agrees that the Lease is not a sale or transfer of the license itself.   |
| 2) | The Licensee certifies that it will not consent to assignment of the Lease except to the extent such assignment complies with the Commission's Rules and Regulations. |
| 3) | The Licensee certifies that it holds exclusive use rights to use the licensed spectrum.   |
| 4) | The Licensee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency. |

The Licensee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.

**Type or Printed Name of Party Authorized to Sign**

166) First Name: <b>Jessica</b>	MI: <b>B</b>	Last Name: <b>Lyons</b>	Suffix:
167) Title: <b>Asst. Secretary of Manager</b>			
168) Signature: <b>Jessica B Lyons</b>		165) Date: <b>01/23/2023</b>	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

## Lessee Certification Statements

1)	The Lessee agrees that the Lease is not a sale or transfer of the license itself.
2)	The Lessee acknowledges that it is required to comply with the Commission's Rules and Regulations and other applicable law at all times, and if the Lessee fails to so comply, the Lease/Sublease may be revoked, cancelled, or terminated by either the Licensee or the Commission.
3)	The Lessee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.
4)	The Lessee hereby accepts Commission oversight and enforcement consistent with the license and lease authorization. The Lessee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the Licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with applicable Commission policies.
5)	The Lessee acknowledges that in the event an authorization held by a Licensee that has associated with it a spectrum leasing arrangement that is the subject of this filing is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Lessee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Lessee agrees the Lease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and Regulations.
7)	The Lessee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Lessee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Lessee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<p><b>The Lessee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b></p>	

## Type or Printed Name of Party Authorized to Sign

168) First Name: <b>Dan</b>	MI:	Last Name: <b>Burgess</b>	Suffix:
169) Title: <b>Manager</b>			
170) Signature: <b>Dan Burgess</b>		171) Date: <b>01/23/2023</b>	
<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b></p> <p><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b></p>			



**Sublessee Certification Statements**

1)	The Sublessee agrees that the Lease is not a, sale or transfer of the license itself.
2)	The Sublessee acknowledges that it is required to comply with the Commission's Rules and regulations and other applicable law at all times, and if the Sublessee fails to so comply, the Lease may be revoked, cancelled, or terminated by either the licensee or the Commission.
3)	The Sublessee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.
4)	The Sublessee hereby accepts Commission oversight and enforcement consistent with the license authorization. The Sublessee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with the applicable Commission policies.
5)	The Sublessee acknowledges that in the event an authorization held by a Licensee that has entered into a spectrum leasing arrangement is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Sublessee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Sublessee agrees the Lease/Sublease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and regulations.
7)	The Sublessee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Sublessee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Sublessee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Sublessee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

172) First Name:	MI:	Last Name:	Suffix:
173) Title:			
174) Signature:		175) Date:	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

### Transferee Certification Statements

1)	The Transferee agrees that the Lease/Sublease is not a sale or transfer of the license itself.
2)	The Transferee acknowledges that it is required to comply with the Commission's Rules and Regulations and other applicable law at all times, and if the Transferee fails to so comply, the Lease/Sublease may be revoked, cancelled, or terminated by either the licensee or the Commission.
3)	The Transferee certifies that neither it nor any other party to the Application/Notification 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.)
4)	The Transferee hereby accepts Commission oversight and enforcement consistent with the license authorization. The Transferee acknowledges that it must cooperate fully with any investigation or inquiry conducted either by the Commission or the Licensee, allow the Commission or the licensee to conduct on-site inspections of transmission facilities, and suspend operations at the direction of the Commission or the Licensee and to the extent that such suspension of operation would be consistent with the applicable Commission policies.
5)	The Transferee acknowledges that in the event an authorization held by a Licensee that has entered into a spectrum leasing arrangement is revoked, cancelled, terminated, or otherwise ceases to be in effect, the Transferee will have no continuing authority to use the leased spectrum and will be required to terminate its operations no later than the date on which the Licensee ceases to have any authority to operate under the license, unless otherwise authorized by the Commission.
6)	The Transferee agrees the Lease shall not be assigned to any entity that is not eligible or qualified to enter into a spectrum leasing arrangement under the Commission's Rules and Regulations.
7)	The Transferee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by spectrum lease or otherwise.
8)	The Transferee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9)	The Transferee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Transferee certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

### Type or Printed Name of Party Authorized to Sign

176) First Name:	MI:	Last Name:	Suffix:
177) Title:			
178) Signature:		179) Date:	

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

**Transferor Certification Statements**

1)	The Transferor certifies either (1) that control of the Lessee/Sublessee will not be transferred until consent of the Federal Communications Commission has been given, or (2) that prior Commission consent is not required because the Lease/Sublease is subject to streamlined notification procedures for <i>pro forma</i> transfers of control. See <i>Federal Communications Bar Association's Petition for Forbearance from Section 310(d) of the Communications Act Regarding Non-Substantial Assignments of Wireless Licenses and Transfers of Control Involving Telecommunications Carriers and Personal Communications Industry Association's Broadband Personal Communications Services Alliance's Petition for Forbearance For Broadband Personal Communications Services</i> , Memorandum Opinion and Order, 13 FCC Rcd 6293 (1998)
2)	The Transferor certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
<b>The Transferor certifies that all of its statements made in this Application/Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Application/Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

180) First Name:	MI:	Last Name:	Suffix:
181) Title:			
182) Signature:		183) Date:	
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>			

**Private Commons Manager Certification Statements**

1)	The Licensee/Lessee/Sublessee manager of the Private Commons certifies that it will retain <i>de facto</i> control of the use of the spectrum under the Private Commons arrangement, including that it will maintain reasonable oversight over the users' use of the spectrum under the arrangement so as to ensure that the use of the spectrum, and communications equipment employed, comply with all technical and service rules applicable under the license authorization.
2)	The Licensee/Lessee/Sublessee manager of the Private Commons arrangement certifies that it will maintain the ability to ensure that users under the arrangement comply with all the technical and service rules applicable under the license authorization.
3)	The Licensee/Lessee/Sublessee manager of the Private Commons certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).
<b>The Licensee/Lessee/Sublessee manager of the Private Commons arrangement certifies that all of its statements made in this Notification and in the schedules, exhibits, attachments, or documents incorporated by reference are material, are part of this Notification, and are true, complete, correct, and made in good faith.</b>	

**Type or Printed Name of Party Authorized to Sign**

184) First Name:	MI:	Last Name:	Suffix:
185) Title:			
186) Signature:		187) Date:	
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>			

**License Authorization(s) or Identifiers (pertaining to Lease(s)/Sublease(s)/Private Commons) Associated with the Spectrum To Be Included in the Filing**

188) Call Sign(s) or Lease/Sublease/ Private Commons Identifier(s)	189) Radio Service Code	190) Location Number	191) Path Number (Microwave only)	192) Frequency Number	193) Lower Frequency (MHz)	194) Upper Frequency (MHz)
KNLG608	CW - PCS Broadband					
KNLG639	CW - PCS Broadband					
KNLG639	CW - PCS Broadband					
KNLG690	CW - PCS Broadband					
KNLG691	CW - PCS Broadband					
KNLG716	CW - PCS Broadband					
KNLG801	CW - PCS Broadband					
KNLH348	CW - PCS Broadband					
KNLH591	CW - PCS Broadband					
KNLH591	CW - PCS Broadband					
WPOI206	CW - PCS Broadband					
WPOI206	CW - PCS Broadband					
WPOI255	CW - PCS Broadband					
WPOI257	CW - PCS Broadband					
WPOI416	CW - PCS Broadband					

\* Note: Items 190 – 194 are for New Leases involving spectrum associated with site-based authorizations when only a portion of the licensed locations, paths and/or frequencies will be leased.

**Schedule for Licensees that Received Bidding Credits  
or  
Involving Licenses Won in Closed Bidding**

**Designated Entity Information  
Bidding Credits**

1) Has the full amount of the bidding credits awarded with regard to each of the subject license(s) been paid as part of unjust enrichment payment(s) in previous transaction(s)?	( ) <u>Yes</u> <u>No</u>
If the response to Item 1 is 'Y', Items 2 and 3 are not required to be completed.	

**Bidding Credits - (Spectrum Manager Leases Only)**

2a) Does the Applicant have a general partnership interest or have a direct or indirect ownership interests of ten percent or greater in the Licensee?	( ) <u>Yes</u> <u>No</u>
2b) Is the Applicant a "controlling interest holder" or "affiliate" of the current Licensee?  For purposes of determining whether the Licensee has retained the requisite degree of ownership and control over the leased spectrum in order to remain eligible for the license or for bidding credits, the <i>de jure</i> control standard in 47 CFR § 1.2110 and the <i>de facto</i> control standard in 47 CFR § 1.9010 will be applied (pursuant to the conditions set forth in 47 CFR § 1.9020).	( ) <u>Yes</u> <u>No</u>
2c) Does the Applicant share office space, equipment, or other facilities with any party controlling the entity from which spectrum is being leased/subleased?	( ) <u>Yes</u> <u>No</u>
2d) Is the Applicant a disclosable interest holder that holds a ten percent or greater interest of any kind in the Licensee and is the Lease/Sublease for more than 25% of the spectrum capacity of the subject license(s)?	( ) <u>Yes</u> <u>No</u>
2e) Does the Licensee certify that the Lease/Sublease does not affect its continuing eligibility to retain bidding credit(s)?	( ) <u>Yes</u> <u>No</u>

**Bidding Credits – (Long-Term De Facto Transfer Leases Only)  
Eligibility**

3a) With respect to each of the subject licenses, the Applicant:  ( ) qualifies for the same designated entity benefit as the current Licensee ( ) qualifies for a different designated entity benefit than the current Licensee ( ) does not qualify for any designated entity status
--

3b) If the Applicant states in Item 3a that it qualifies for the same designated entity benefit as the current Licensee or qualifies for a different designated entity status than the current Licensee, the Applicant qualifies for a (select one):  ( ) small business bidding credit ( ___%) ( ) rural service provider bidding credit	
3c) Is the Applicant a disclosable interest holder that holds a ten percent or greater interest of any kind in the Licensee and is the Lease/Sublease for more than 25% of the spectrum capacity of the subject license(s)?	( ) <u>Yes</u> <u>No</u>

**Closed Bidding Licenses**

4) Have construction notifications been submitted as required by the Commission's Rules for each of the subject licenses?  If the response to Item 4 is 'Y', Items 5 and 6 are not required to be completed.	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Closed Bidding Licenses – (Spectrum Manager Leases Only)**

5a) Does the Applicant have a general partnership interest or have a direct or indirect ownership interest of ten percent or greater in the Licensee?	( ) <u>Yes</u> <u>No</u>
5b) Is the Applicant a "controlling interest holder" or "affiliate" of the current Licensee?	( ) <u>Yes</u> <u>No</u>
5c) Does the Applicant share office space, equipment or other facilities with any party controlling the entity from which spectrum is being leased?	( ) <u>Yes</u> <u>No</u>
5d) Does the Licensee certify that the Lease/Sublease does not affect its continuing eligibility to retain closed bidding licenses?	( ) <u>Yes</u> <u>No</u>

**Closed Bidding Licenses – (Long-Term *De Facto* Transfer Leases Only)****Eligibility**

6) With respect to each of the subject licenses, the Applicant: ( ) a) qualifies for closed bidding  ( ) b) does not qualify for closed bidding
--

**7) Revenue and Asset Information for the Applicant**

**Purpose** (Check Modify if filing an Amendment application and changing the Revenue and Asset Information from what was provided on the original filing)

<input type="checkbox"/> Modify
---------------------------------

**Gross Revenue Disclosure Most Recent Reportable Year**

8a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
8b) Gross Revenues	\$ _____ (Format: 99,999.99)
8c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**One Year Prior to Most Recent Reportable Year**

9a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
9b) Gross Revenues	\$ _____ (Format: 99,999.99)
9c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Two Years Prior to Most Recent Reportable Year**

10a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
10b) Gross Revenues	\$ _____ (Format: 99,999.99)
10c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Three Years Prior to Most Recent Reportable Year**

11a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
11b) Gross Revenues	\$ _____ (Format: 99,999.99)
11c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)

**Four Years Prior to Most Recent Reportable Year**

12a) Were the Applicant and any predecessors-in-interest in existence for a full year of the relevant period? If 'N', explain why in an attachment.	( ) <u>Yes</u> <u>No</u>
If 'Y', provide the following information.	
12b) Gross Revenues	\$ _____ (Format: 99,999.99)
12c) Year-end Date:	_____ (Date Format: MM/DD/YYYY)



**Average Gross Revenue**

13) Average Gross Revenue of Reported Years: \$ \_\_\_\_\_ (Format: 99,999.99)

**Asset Disclosure**

14) Total Assets as of Application Filing Date: \$ \_\_\_\_\_

**Financial Statements**

15) Audited or Unaudited (Check One)

The Applicant used audited financial statements.

The Applicant used unaudited financial statements prepared in accordance with Generally Accepted Accounting Principles (GAAP) and certified by the Applicant's chief financial officer or the equivalent.

Reference Copy

Reference Copy

**Closed Bidding/Designated Entity Eligibility**

**Total Gross Revenues for Most Recent Reportable Year**

36a) Gross Revenues:	\$ _____	(Format: 99,999.99)
36b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for One Year Prior to Most Recent Reportable Year**

37a) Gross Revenues:	\$ _____	(Format: 99,999.99)
37b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for Two Years Prior to Most Recent Reportable Year**

38a) Gross Revenues:	\$ _____	(Format: 99,999.99)
38b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Gross Revenues for Three Years Prior to the Most Recent Reportable Year**

39a) Gross Revenues:	\$ _____	(Format: _____)
39b) Year-end Date:	_____	(Date Format: _____)

**Total Gross Revenues for Four Years Prior to the Most Recent Reportable Year**

40a) Gross Revenues:	\$ _____	(Format: 99,999.99)
40b) Year-end Date:	_____	(Date Format: MM/DD/YYYY)

**Total Aggregate Average Gross Revenues for Designated Entity (License(s) Requiring Disclosure of Three Years of Gross Revenue Data)**

41) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Aggregate Average Gross Revenues for Designated Entity (License(s) Requiring Disclosure of Five Years of Gross Revenue Data)**

41) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Aggregate Average Gross Revenues for Closed Bidding**

42) Aggregate Average Gross Revenue:	\$ _____	(Format: 99,999.99)
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**Total Assets Disclosure for Closed Bidding**

43) Total Assets:	\$ _____	(Format: 99,999.99)
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**Rural Service Provider Bidding Credit**

36) Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	( <input type="checkbox"/> ) <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>
---	---

If the Applicant (the Lessee/Sublessee/Transferee) is seeking a rural service provider (RSP) bidding credit, provide in an exhibit the following information requested in a-e.

a) for the Applicant, submit the combined number of commercial communications service subscribers to wireless, wireline, broadband, and cable services that the Applicant serves and provide a list of the name(s) and the Federal Information Processing Standard (FIPS) number(s) for each county in which the Applicant has at least one commercial wireless, wireline, broadband, or cable subscriber;

b) for each of the Applicant's Affiliates, Controlling Interests, and the Affiliates of its Controlling Interests, submit the individual or entity's name, its FCC Registration Number (FRN), its relationship to the Applicant, and its combined number of commercial communications service subscribers to wireless, wireline, broadband, and cable services. For each of the Applicant's Affiliates, Controlling Interests, and the Affiliates of its Controlling Interests, also provide a list of the name(s) and the FIPS number(s) for each county in which it has at least one commercial wireless, wireline, broadband, or cable subscriber;

c) if neither the Applicant, nor any of its Affiliates, its Controlling Interests, or the Affiliates of its Controlling Interests have at least one wireless, wireline, broadband, or cable subscriber in a market for which the Applicant is applying for a license, list the market(s) in which the Applicant, its Affiliates, its Controlling Interests, and the Affiliates of its Controlling Interests have no such subscribers;

d) a detailed explanation demonstrating that: (i) the Applicant is in the business of providing commercial communications services; (ii) the Applicant serves predominantly rural areas; and (iii) the primary focus of the Applicant's business activity is the provision of services to rural areas (defined as counties with a population density of 100 or fewer persons per square mile); and

e) If the Applicant is an existing rural partnership that was providing service as of July 16, 2015, provide a detailed explanation demonstrating that each member of the partnership is independently eligible for the RSP bidding credit by providing, with respect to each member of the partnership, the same information as is required in a-d above.



**Schedule for Supplemental Information Pertaining to a New Lease, New Sublease,  
Revision to Extend the Term of an Existing Lease or Sublease, or  
Revision to Cancel an Existing Lease or Sublease**

License Authorizations/Lease Identifiers/Sublease Identifiers (Complete as many Schedule E's as necessary)

1) Call Sign(s) or Lease/Sublease Identifier(s)	2) Radio Service Code	3) Commencement Date  (MM/DD/YYYY) OR Check box for FCC Grant Date	4) Expiration Date  (MM/DD/YYYY)	5) Revised Expiration Date  (MM/DD/YYYY)	6) Cancellation Date  (MM/DD/YYYY) OR Check box if Lease/Sublease Never Commenced
KNLG608	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG639	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG690	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG691	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG716	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLG801	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLH348	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
KNLH591	CW	<input checked="" type="checkbox"/>	09/16/2026		<input type="checkbox"/>
WPOI206	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
WPOI255	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
WPOI257	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>
WPOI416	CW	<input checked="" type="checkbox"/>	06/23/2025		<input type="checkbox"/>

Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: <u>KNLG608</u>
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Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:1	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth



Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: KNLG639

Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:2	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased

Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG639</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:3	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG690</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:4	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG691</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:5	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: KNLG716

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:6	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

**Spectrum Leased**

Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLG801</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:7	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLH348</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:8	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLH591</u>
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**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:9	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth



**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>KNLH591</u>
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**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:10	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>WPOI206</u>
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**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:11	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>WPOI206</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:12	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>WPOI255</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:13	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

Schedule for Defined Geographic Area To Be Leased  
(Geographically-Licensed Services)

Call Sign

1) Call Sign: WPOI257

Geographic Area of Spectrum To Be Included in Lease

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:14	

5) Frequencies of Spectrum To Be Included in Lease (MHz)

Spectrum Leased

Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

**Schedule for Defined Geographic Area To Be Leased  
 (Geographically-Licensed Services)**

**Call Sign**

1) Call Sign: <u>WPOI416</u>
------------------------------

**Geographic Area of Spectrum To Be Included in Lease**

2) Defined Area to be Leased	3) Undefined Area to be Leased (Complete Schedule G)	4a) Population of Leased Area
	Schedule G # Attached:15	

**5) Frequencies of Spectrum To Be Included in Lease (MHz)**

Spectrum Leased	
Lower Frequency/Bandwidth	Upper Frequency/Bandwidth

Number: 1

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	<b>Latitude (DD-MM-SS.S-D)</b>	<b>Longitude (DDD-MM-SS.S-D)</b>
1	31-28-20.6 N	092-27-03.8 W
2	31-28-20.4 N	092-25-59.5 W
3	31-27-39.4 N	092-26-05.1 W
4	31-27-41.9 N	092-27-06.3 W
5	31-28-20.6 N	092-27-03.8 W

Number: 2

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	32-43-31.6 N	081-15-29.8 W
2	32-43-28.5 N	081-14-56.8 W
3	32-43-01.5 N	081-14-59.6 W
4	32-43-04.3 N	081-15-33.8 W
5	32-43-31.6 N	081-15-29.8 W



Number: 3

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	31-33-55.8 N	081-54-19.2 W
2	31-33-56.7 N	081-54-11.4 W
3	31-33-52.0 N	081-53-55.9 W
4	31-33-45.5 N	081-53-55.0 W
5	31-33-43.7 N	081-54-18.2 W
6	31-33-55.8 N	081-54-19.2 W

Number: 4

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

Latitude (DD-MM-SS.S-D)

Longitude (DDD-MM-SS.S-D)

1	39-23-07.6 N	075-09-51.9 W
2	39-23-15.7 N	075-09-29.3 W
3	39-22-58.0 N	075-09-18.1 W
4	39-22-55.9 N	075-09-23.1 W
5	39-22-55.1 N	075-09-44.0 W
6	39-23-07.6 N	075-09-51.9 W

Number: 5

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	40-44-09.6 N	076-21-11.0 W
2	40-44-06.8 N	076-20-19.5 W
3	40-43-43.4 N	076-20-17.2 W
4	40-43-41.9 N	076-21-08.8 W
5	40-44-09.6 N	076-21-11.0 W

Number: 6

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	35-32-11.2 N	098-00-32.1 W
2	35-32-11.0 N	098-00-07.9 W
3	35-31-52.8 N	098-00-07.8 W
4	35-31-53.1 N	098-00-29.4 W
5	35-32-11.2 N	098-00-32.1 W

**Number:** 7

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	<b>Latitude (DD-MM-SS.S-D)</b>	<b>Longitude (DDD-MM-SS.S-D)</b>
1	40-46-13.4 N	080-42-25.5 W
2	40-46-19.4 N	080-42-28.9 W
3	40-46-26.9 N	080-42-23.0 W
4	40-46-28.2 N	080-42-17.8 W
5	40-46-24.8 N	080-42-06.9 W
6	40-46-18.7 N	080-42-03.9 W
7	40-46-15.2 N	080-42-13.6 W
8	40-46-14.5 N	080-42-16.6 W
9	40-46-13.4 N	080-42-25.5 W

Number: 8

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	38-52-15.4 N	089-24-33.8 W
2	38-52-15.4 N	089-24-23.5 W
3	38-51-59.9 N	089-24-19.2 W
4	38-51-51.5 N	089-24-26.0 W
5	38-51-51.5 N	089-24-43.2 W
6	38-52-00.8 N	089-24-43.2 W
7	38-52-15.4 N	089-24-33.8 W

Number: 9

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

Latitude (DD-MM-SS.S-D)

Longitude (DDD-MM-SS.S-D)

1	37-17-51.7 N	077-20-56.5 W
2	37-17-59.2 N	077-21-01.2 W
3	37-18-03.8 N	077-20-51.0 W
4	37-18-04.5 N	077-20-39.0 W
5	37-17-58.5 N	077-20-37.3 W
6	37-17-51.7 N	077-20-56.5 W

Number: 10

Schedule for Leases that Involve an Undefined Geographic Area

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	37-18-24.8 N	077-20-56.0 W
2	37-18-25.7 N	077-20-42.1 W
3	37-18-16.5 N	077-20-39.5 W
4	37-18-05.9 N	077-20-40.3 W
5	37-18-05.3 N	077-20-48.4 W
6	37-18-11.7 N	077-20-55.7 W
7	37-18-24.8 N	077-20-56.0 W



Number: 11

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	37-17-51.7 N	077-20-56.5 W
2	37-17-59.2 N	077-21-01.2 W
3	37-18-03.8 N	077-20-51.0 W
4	37-18-04.5 N	077-20-39.0 W
5	37-17-58.5 N	077-20-37.3 W
6	37-17-51.7 N	077-20-56.5 W

Number: 12

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

	Latitude (DD-MM-SS.S-D)	Longitude (DDD-MM-SS.S-D)
1	37-18-24.8 N	077-20-56.0 W
2	37-18-25.7 N	077-20-42.1 W
3	37-18-16.5 N	077-20-39.5 W
4	37-18-05.9 N	077-20-40.3 W
5	37-18-05.3 N	077-20-48.4 W
6	37-18-11.7 N	077-20-55.7 W
7	37-18-24.8 N	077-20-56.0 W

Number: 13

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	37-10-52.2 N	083-47-34.4 W
2	37-10-55.7 N	083-47-29.6 W
3	37-10-50.5 N	083-47-15.2 W
4	37-10-44.4 N	083-47-12.3 W
5	37-10-38.8 N	083-47-16.8 W
6	37-10-37.7 N	083-47-24.1 W
7	37-10-41.2 N	083-47-28.2 W
8	37-10-52.2 N	083-47-34.4 W

Number: 14

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	32-53-41.3 N	090-27-04.6 W
2	32-53-44.5 N	090-25-39.4 W
3	32-52-45.6 N	090-25-38.1 W
4	32-52-47.0 N	090-27-01.3 W
5	32-53-41.3 N	090-27-04.6 W

Number: 15

**Schedule for Leases that Involve an Undefined Geographic Area**

For each undefined geographic area, complete up to 300 Latitude/Longitude combinations for every 3 degrees azimuth, using NAD83 Datum.

**Latitude (DD-MM-SS.S-D)**

**Longitude (DDD-MM-SS.S-D)**

1	39-23-07.6 N	075-09-51.9 W
2	39-23-15.7 N	075-09-29.3 W
3	39-22-58.0 N	075-09-18.1 W
4	39-22-55.9 N	075-09-23.1 W
5	39-22-55.1 N	075-09-44.0 W
6	39-23-07.6 N	075-09-51.9 W

Attachment(s):

Type	Description	Date Entered
O	<a href="#">Exhibit 3 - Site Information</a>	01/04/2023
O	<a href="#">Exhibit 2 - Description of Licenses</a>	01/04/2023
O	<a href="#">Exhibit 1 - Description of Transaction</a>	01/04/2023

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: FCC GROUP
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD ST. 20F
DALLAS, TX 75202

Table with Call Sign (WQGA797), File Number, and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

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.

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).

**Licensee Name:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** WQGA797

**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



# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
File Number: 0010372031

**FCC 601**  
**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB  
3060 - 0798  
See instructions for  
public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>AW</b></p>	1a) Existing Radio Service Code:
--	----------------------------------

**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>WQGA797</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM      DD ____ / ____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) ( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity ( ) Corporation ( <input checked="" type="checkbox"/> ) Limited Liability Company ( ) General Partnership ( ) Limited Partnership ( ) Limited Liability Partnership ( ) Consortium ( ) Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			( ) <u>Yes</u> <u>No</u>
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax:	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: ( ) American Indian or Alaska Native ( ) Asian ( ) Black or African-American ( ) Native Hawaiian or Other Pacific Islander ( ) White	Ethnicity: ( ) Hispanic or Latino ( ) Not Hispanic or Latino	Gender: ( ) Male ( ) Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)****( ) Check here if same as Applicant.**

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To:			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax:	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) Yes No is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( <input type="checkbox"/> ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
---

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
---	---

**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants****57) Operation/Performance Requirement Certification**

<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD ST. 20F
DALLAS, TX 75202

Table with Call Sign (WQGA817), File Number, and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date (11-16-2021), Effective Date (01-14-2023), Expiration Date (11-29-2036), Print Date, Market Number (CMA446), Channel Block (A), Sub-Market Designator (0), Market Name (Kentucky 4 - Spencer), 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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.

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:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** WQGA817

**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

# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 08:55:27  
 File Number: 0010359793

**FCC 601**

**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for  
 public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>AW</b></p>	1a) Existing Radio Service Code:
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**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>WQGA817</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM      DD _____ / _____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>Cecil J Mathew</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax:	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)** Check here if same as Applicant.

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, LLC</b>			
32) Attention To:			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax:	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock ( ) **Yes** **No** is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
--	--------------------------

**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

57) Operation/Performance Requirement Certification	
<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			



# Reference Copy Only. Do Not Mail to the FCC as an Application.

Submitted: 01/13/2023 at 18:08:22  
File Number: 0010368517

**FCC 601**

**Main Form**

## FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for public burden estimate

1) Radio Service Code: <p style="text-align: center;"><b>AW</b></p>	1a) Existing Radio Service Code:
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**General Information**

2) (Select only one) ( <b>AU</b> ) <b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications <b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Requests for Extension of Time <b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>RL</b> - Registered Location/Link	
3a) If this application is for a Demonstration License or a <b>S</b> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <b>N/A</b> ' (Not Applicable).	( <b>N</b> ) <u><b>M</b></u> <u><b>S</b></u> <u><b>N/A</b></u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	(    ) <u><b>Y</b></u> <u><b>N</b></u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, , or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign <b>WQGA817</b>
6a) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM    DD ____ / ____
6b) If this application is for a Renewal Only or Renewal/Modification and the license is a geographic area license, is the license used to provide service to customers ( <b>C</b> ), or is the license used for private business (internal) purposes or to meet the licensee's public interest/public safety communications needs ( <b>P</b> )?	(    ) <u><b>C</b></u> <u><b>P</b></u>
7) Is this application "major" as defined in § 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of § 1.929).	(    ) <u><b>Y</b></u> <u><b>N</b></u>
8) Are attachments (other than associated schedules) being filed with this application?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Fees, Waivers, and Exemptions**

9) Is the Applicant exempt from FCC application fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
10) Is the Applicant exempt from FCC regulatory fees?	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
11) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	( <b>N</b> ) <u><b>Y</b></u> <u><b>N</b></u>
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(    ) <u><b>Y</b></u> <u><b>N</b></u>

**Applicant Information**

13) FCC Registration Number (FRN): <b>0003291192</b>			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to party and for which proper Commission approval has not been received or proper notification not provided?			( ) <u>Yes</u> <u>No</u>
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): <b>NEW CINGULAR WIRELESS PCS, LLC</b>			
18) Attention To: <b>FCC Group</b>			
19) P.O. Box:	And/Or	20) Street Address: <b>208 S. Akard St. 20F</b>	
21) City: <b>Dallas</b>	22) State: <b>TX</b>	23) Zip Code: <b>75202</b>	
24) Telephone Number: <b>(855)699-7073</b>		25) Fax:	
26) E-Mail Address: <b>FCCMW@att.com</b>			

**27) Demographics (Optional)**

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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**Contact Information (If different from the Applicant)****( ) Check here if same as Applicant.**

30) First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
31) Company Name: <b>AT&amp;T Services, Inc.</b>			
32) Attention To:			
33) P.O. Box:	And /Or	34) Street Address: <b>208 S. Akard St. 20F</b>	
35) City: <b>Dallas</b>	36) State: <b>TX</b>	37) Zip Code: <b>75202</b>	
38) Telephone Number: <b>(855)699-7073</b>		39) Fax:	
40) E-Mail Address: <b>FCCMW@att.com</b>			

**Regulatory Status**

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
(  ) Common Carrier (  ) Non-Common Carrier (  ) Private, internal communications (  ) Broadcast Services (  ) Band Manager

**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
(  ) Fixed (  ) Mobile (  ) Radiolocation (  ) Satellite (sound) (  ) Broadcast Services  
43) Does the Applicant propose to provide service interconnected to the public telephone network? (  ) Yes (  ) No

**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

44) Is the Applicant a foreign government or the representative of any foreign government? (  ) Yes (  ) No  
45) Is the Applicant an alien or the representative of an alien? (  ) Yes (  ) No  
46) Is the Applicant a corporation organized under the laws of any foreign government? (  ) Yes (  ) No  
47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (  ) Yes (  ) No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock (  Yes  No ) is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

48b) If the answer to 47 or 48a is 'Y' select one of the choices below.

The Applicant is exempt from the provisions of Section 310(b).

*If checked, it is not necessary to file a petition for declaratory ruling if the Applicant includes in the attachment required by Item 47 or Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b).*

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.

*If checked, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Applicant since the issuance of its ruling.*

The Applicant: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/Sublessee that received a declaratory ruling(s) under 47 CFR § 1.5000(a) and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and 47 CFR § 1.5004(b)

*If checked, and if the Applicant received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 47 or Item 48a the citation(s) of the Applicant's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Applicant received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 48a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Applicant's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Applicant may request a new declaratory ruling pursuant to Section 1.5000(a) of the Commission's Rules, 47 CFR § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Applicant is relying on an affiliate's ruling for purposes of filing this application, include in the attachment required by Item 47 or Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Applicant is in compliance with the terms and conditions of the named affiliate's ruling and with the Commission's Rules. The Applicant must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in 47 CFR § 1.5004(b). See Main Form Instructions for Items 47 or 48a, as applicable.*

The Applicant has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under 47 CFR § 1.5004(b) in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 47 or 48a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to 47 CFR § 1.5004(b). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

**Basic Qualification Questions**

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	( ) <u>Yes</u> <u>No</u>
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	( ) <u>Yes</u> <u>No</u>
51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.**

**Aeronautical Advisory Station (Unicom) Certification**

52) ( ) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.
--

**Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership**

53a) Will the requested facilities be used to provide multichannel video programming service?	( ) <u>Yes</u> <u>No</u>
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	( ) <u>Yes</u> <u>No</u>

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**Broadband Radio Service and Educational Broadband Service (Part 27)**

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**

**For Applicants Who Participated in an Auction**

56) Is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	( ) <u>Yes</u> <u>No</u>
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**Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FRN numbers.**

**For Renewal Applicants**

57) Operation/Performance Requirement Certification	
<b>[For a site-based license]:</b> Applicant certifies that it is continuing to operate consistent with its most recently filed construction notification (or most recent authorization, if no construction notification was required).	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to provide at least the level of service required by its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement and it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, commercial service - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to provide at least the level of service required by its final performance requirement through the end of any subsequent license terms.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with an interim performance requirement]:</b> Applicant certifies that it has met its interim performance requirement, that over the portion of the license term following the interim performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its interim performance requirement, it has met its final performance requirement, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term.	( ) <u>Yes</u> <u>No</u>
<b>[For a geographic license, private systems - licensee in its initial license term with no interim performance requirement]:</b> Applicant certifies that it has met its final performance requirement, it continues to use its facilities to further its private business or public interest/public safety communications needs, and it continues to use its facilities to provide at least the level of operation required by its final performance requirement through the end of the license term. [Note: licensee must provide a showing demonstrating that the final performance requirement has been met, either separately in a timely application for notification of completion of construction, or as part of its renewal application, depending on the radio service.]	( ) <u>Yes</u> <u>No</u>

<b>[For a geographic license, private systems - licensee in any subsequent term]:</b> Applicant certifies that it continues to use its facilities to further its private business or public interest/public safety communications needs at or above the level required to meet its final performance requirement through the end of any subsequent license terms.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for the first renewal application filed after effective date of the rules]:</b> Applicant certifies that the partitioned and/or disaggregated license that is the subject of this renewal application has no separate performance requirement and that this is the first renewal of this license filed subsequent to the effective date of the rules.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
<b>[For a partitioned or disaggregated license without a performance requirement, for any subsequent renewal filings]:</b> Applicant certifies that it continues to use its facilities to provide service or to further the applicant's private business or public interest/public safety needs.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>

**Discontinuance of Service Certification**

58) Applicant certifies that no permanent discontinuance of service or operation, as applicable, occurred during its current license term.  <b>Note: If the response to either item 57 or item 58 is 'N',</b> attach an exhibit that demonstrates that over the course of the license term, the Applicant provided and continues to provide service to the public, or operated and continues to operate the license to meet the Applicant's private business or public interest/public safety communications needs. This exhibit must include a detailed description of the Applicant's provision of service or, when allowed under the relevant service rules or pursuant to waiver, use of the spectrum for private business or public interest/public safety communications needs, during the entire license period and address, as applicable: 1) the level and quality of service provided by the applicant (e.g., the population served, the area served, the number of subscribers, the services offered); (2) the date service commenced, whether service was ever interrupted, and the duration of any interruption or outage; (3) the extent to which service is provided to rural areas; (4) the extent to which service is provided to qualifying tribal land as defined in 47 CFR § 1.2110(e)(3)(i); and (5) any other factors associated with the level of service to the public. The licensee may note in its exhibit: 1) any grant(s) of waiver or extension of a performance deadline or license renewal subject to meeting a performance requirement; or 2) if the final performance deadline and/or expiration date for the license accelerated because the licensee did not meet an interim performance requirement.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**Regulatory Compliance Certification [same for all]**

59) Applicant certifies that it has substantially complied with all applicable FCC rules, policies, and the Communications Act of 1934, as amended.  <b>Note: If the response to item 59 is 'N',</b> attach an exhibit explaining the circumstances and demonstrating why Applicant's license should be renewed.	( <input type="checkbox"/> ) <u>Yes</u> <u>No</u>
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**General Certification Statements**

1) The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3) 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.
4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to § 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. This certification does not apply to applications filed in services exempted under § 1.2002(c) of the rules, 47 CFR § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this certification.
5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s) and is eligible to hold the requested license(s).
8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Signature**

60) Typed or Printed Name of Party Authorized to Sign

First Name: <b>Cecil</b>	MI: <b>J</b>	Last Name: <b>Mathew</b>	Suffix:
61) Title: <b>Assistant Secretary - Compliance</b>			
Signature: <b>Cecil J Mathew</b>			62) Date: <b>01/13/2023</b>
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).			

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: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S. AKARD STREET, RM 1016
DALLAS, TX 75202

Table with Call Sign (WQGA819), File Number, and Radio Service (AW - AWS (1710-1755 MHz and 2110-2155 MHz)).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date (02-13-2022), Effective Date (09-23-2022), Expiration Date (11-29-2036), Print Date (02-16-2023), Market Number (CMA448), Channel Block (A), Sub-Market Designator (0), Market Name (Kentucky 6 - Madison), and 1st-4th Build-out Dates.

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.

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:** NEW CINGULAR WIRELESS PCS, LLC

**Call Sign:** WQGA819

**File Number:**

**Print Date:** 02-16-2023

**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

Submitted: 02/13/2023 at 11:01:24

File Number: 0010415986

FCC Form 603  
Main Form

FCC Application for Assignments of Authorization or Transfers of Control:  
Wireless Telecommunications Bureau  
Public Safety and Homeland Security Bureau

Approved by  
OMB 3060 - 0800  
See instructions for  
public burden estimate

General Information

1) Application Purpose (Select only one) ( NT )	
AA - Assignment of Authorization TC - Transfer of Control	AM - Amendment WD - Withdrawal
NT - Required Notification (For Consummation of an Assignment or Transfer) EX - Request for Extension of Time To Consummate an Assignment or Transfer)	
2) If this application is for an Amendment (AM) or Withdrawal (WD), enter the File Number of the pending or consented to application currently on file with the FCC.	File Number:
3a) Is this application for Assignment of Authorization or Transfer of Control part of a series of applications involving other wireless license(s) held by the Licensee, affiliates of the Licensee (e.g., parents, subsidiaries, or commonly-controlled entities), or third parties that are not included on this application and for which Commission approval or notification is required?	( ) Yes <b>No</b>
3b) If the answer to 3a is 'Y', is this filing the lead application?	( ) Yes <b>No</b>
3c) If the answer to 3b is 'N', provide the File Number of the lead application.	File Number:
3d) Does this transaction for Assignment of Authorization or Transfer of Control involve the assignment or transfer of non-wireless licenses/authorizations for which Commission approval or notification is required?	( ) Yes <b>No</b>
4) Are attachments (other than associated schedules) being filed with this application?	( ) Yes <b>No</b>

Fees and Waivers

5a) Is the Applicant exempt from FCC application fees? If 'Y', attach an exhibit demonstrating how the Applicant is exempt from FCC application fees.	( N ) Yes <b>No</b>
5b) Is a waiver/deferral of the FCC application fees being requested and the application fees are not being submitted in conjunction with this application? If 'Y', attach a date-stamped copy of the request for waiver/deferral of the FCC application fees.	( ) Yes <b>No</b>
6) Does this application include a request for waiver of the Commission's Rules (other than a request for application fee waivers)? If 'Y', attach an exhibit specifying the rule section(s) for which a waiver is being requested and including a justification for the waiver request.	( N ) Yes <b>No</b>

Additional Transaction Information

7a) Has this application for Assignment of Authorization or Transfer of Control already occurred?	( ) Yes <b>No</b>
7b) If the response to Item 7a is 'Y', provide the date the event occurred:	(MM/DD/YYYY)
8) The Assignment of Authorization or Transfer of Control is:	( ) Voluntary ( ) Involuntary
9a) Is this application a <i>pro forma</i> Assignment of Authorization or Transfer of Control?	( ) Yes <b>No</b>
9b) If Item 9a is 'Y', is this a post-consummation notification that is being filed under the Commission's forbearance procedures pursuant to Section 1.948(c)(1) of the Commission's Rules?	( ) Yes <b>No</b>
10a) Does this application involve the partitioning and/or disaggregation of geographic-area licenses? If 'Y', complete Schedule B and, if applicable, Schedule C.	( ) Yes <b>No</b>
10b) If 10a is 'N', does this application involve the partial assignment of site-based licenses?	( ) Yes <b>No</b>

11) How will/has the Assignment of Authorization or Transfer of Control be/been accomplished? Select One: ( )

Sale or other assignment of assets                      Court order                      Reorganization or liquidation

Transfer of stock or other ownership interests

Other (voting trust agreement, management contract, etc.): \_\_\_\_\_

**Designated Entity Information** (If 12a or 12b is 'Y', Schedule A is required to be completed.)

<p>12a) Enter 'Y' if this application for Assignment of Authorization or Transfer of Control involve any licenses that were awarded with bidding credits within the last five years. Otherwise, enter 'N'.</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If the response to this item is 'Y', the licenses may be subject to the FCC's unjust enrichment rules, and the Applicant should answer relevant bidding credit questions. See Section 1.2111 of the Commission's Rules.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>12b) Does this application for Assignment of Authorization or Transfer of Control involve any licenses that were originally granted pursuant to closed bidding within the last five years?</p> <p>If the response to this item is 'Y', the license may be subject to assignment or transfer restrictions, and the Applicant should answer relevant closed bidding questions. See Sections 24.709 and 24.839 of the Commission's Rules.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Competition Related Information**

<p>13) Does this application for Assignment of Authorization or Transfer of Control involve a license(s) that may be used for interconnected mobile voice and/or data services that would, if assigned or transferred, create a geographic overlap with another license(s) in which the Assignee/Transferee already holds attributable interests, as defined in Section 20.22(b) of the Commission's Rules, either as a licensee or spectrum lessee/sublessee, and that also could be used to provide interconnected mobile voice and/or data services?</p> <p>If 'Y', specify in an exhibit all geographic areas/markets (e.g., BTA, CMA, county, etc.) where there are spectrum overlaps and the total amount of spectrum that the Assignee/Transferee will hold and/or lease in each geographic area/market.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>14) If the answer to Item 13 is 'Yes,' would/does this application for Assignment of Authorization or Transfer of Control reduce the number of entities providing service in the affected market(s)?</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Broadband Radio Service and Educational Broadband Service Information**

<p>15a) Will the requested facilities be used to provide multichannel video programming service?</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>15b) If 15a is 'Y', does the Assignee/Transferee operate, control, or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic area of the requested facilities?</p> <p>If 'Y', provide an exhibit explaining how the Assignee/Transferee complies with Section 27.1202 of the Commission's Rules or request a waiver of that rule pursuant to Commission Rules. If a waiver of the Commission's Rule(s) is being requested, 6a must be answered 'Y'.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>16) Does the Assignee/Transferee comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?</p> <p>If 'N', provide an exhibit explaining how the Assignee/Transferee complies with Section 27.1203 of the Commission's Rules or request a waiver of that rule pursuant to Commission Rules. If a waiver of the Commission's Rule(s) is being requested, 6a must be answered 'Y'.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**600 MHz Band Information**

<p>17) Does the Assignment or Transfer involve any licenses in the 600 MHz Band initially granted in the last six years that would, if assigned/transferred, create a geographic overlap with another licenses(s) in which the Assignee/Transferee already holds attributable interests, either as a licensee or Assignee/Transferee, and that would result in the Assignee/Transferee holding an attributable interest in one-third or more of the total suitable and available below-1-GHz spectrum as calculated on a county-by-county population-weighted basis in the relevant license area, utilizing 2010 U.S. Census data?</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If the response to this item is 'Y', this application for Assignment or Transfer application must be part of an exchange of 600 MHz band spectrum in the same market(s) or must be a pro forma Assignment or Transfer. If 'Y', provide an exhibit detailing the proposed exchange of 600 MHz band spectrum in the same market(s), including a list of all file numbers for applications associated with the proposed exchange.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>18) Does the Assignment or Transfer involve any licenses that were initially granted as reserved spectrum licenses in the 600 MHz Band in the last six years? Otherwise, enter 'N'.</p> <p>The initial grant date is the date that the license was originally granted by the Commission after an auction, even if the license was acquired in the secondary market. The initial grant date is not the date on which the Commission granted an assignment or transfer of control of the license.</p> <p>If 'Y', provide an exhibit demonstrating how the Assignee/Transferee would have qualified to bid on that reserved spectrum license(s) in Auction 1002 as of the FCC Form 175 filing deadline (February 10, 2016) for Auction 1002, the forward auction of the Broadcast Incentive Auction.</p>	<p>( ) <u>Yes</u> <u>No</u></p>

**Assignor/Licensee Information**

19) Assignor/Licensee is a(n): (Select One)			
<input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Other: _____			
20) FCC Registration Number (FRN):			
21) First Name (if individual):	MI:	Last Name:	Suffix:
22) Legal Entity Name (if not an individual):			
23) Attention To:			
24) P.O. Box:	And /Or	25) Street Address:	
26) City:	27) State:	28) Zip Code:	
29) Telephone Number:	30) Fax Number:		
31) E-Mail Address:			

**32) Demographics of Assignor/Licensee (Optional):**

<b>Race:</b>	<b>Ethnicity:</b>	<b>Gender:</b>
<input type="checkbox"/> American Indian or Alaska Native	<input type="checkbox"/> Hispanic or Latino	<input type="checkbox"/> Male
<input type="checkbox"/> Asian	<input type="checkbox"/> Not Hispanic or Latino	<input type="checkbox"/> Female
<input type="checkbox"/> Black or African-American		
<input type="checkbox"/> Native Hawaiian or Other Pacific Islander		
<input type="checkbox"/> White		

**Assignor/Licensee Contact Representative**

33) First Name:	MI:	Last Name:	Suffix:
34) Company Name:			
35) Attention To:			
36) P.O. Box:	And /Or	37) Street Address:	
38) City:	39) State:	40) Zip Code:	
41) Telephone Number:	42) Fax Number:		
43) E-Mail Address:			

**Transferor Information** (for Transfers of Control only)

44) Transferor is a(n): (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Other: _____			
45) FCC Registration Number (FRN):			
46) First Name (if individual):	MI:	Last Name:	Suffix:
47) Legal Entity Name (if not an individual):			
48) Attention To:			
49) P.O. Box:	And /Or	50) Street Address:	
51) City:	52) State:	53) Zip Code:	
54) Telephone Number:	55) Fax Number:		
56) E-Mail Address:			

**57) Demographics of Transferor (Optional):**

<b>Race:</b> <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	<b>Ethnicity:</b> <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Transferor Contact Representative**

58) First Name:	MI:	Last Name:	Suffix:
59) Company Name:			
60) Attention To:			
61) P.O. Box:	And /Or	62) Street Address:	
63) City:	64) State:	65) Zip Code:	
66) Telephone Number:	67) Fax Number:		
68) E-Mail Address:			

**Assignee/Transferee Information**

69) Assignee/Transferee is a(n): (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Other: _____			
70) FCC Registration Number (FRN): 0003291192			
71) First Name (if individual):	MI:	Last Name:	Suffix:
72) Legal Entity Name (if not an individual):			
73) Attention To: Cecil J Mathew			
74) Real Party in Interest FCC Registration Number (FRN):			
75) Name of Real Party in Interest:			
76) P.O. Box:	And /Or	77) Street Address: 208 S. Akard Street, RM 1016	
78) City: Dallas	79) State: TX	80) Zip Code: 75202	
81) Telephone Number: (855)699-7073		82) Fax Number: (214)746-6410	
83) E-Mail Address: FCCMW@att.com			

**84) Demographics of Assignee/Transferee (Optional):**

<b>Race:</b> <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	<b>Ethnicity:</b> <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female
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**Assignee/Transferee Contact Representative** (if other than Assignee/Transferee) Check here if same as Assignee/Transferee.

85) First Name:	MI:	Last Name:	Suffix:
86) Company Name: AT&T Mobility LLC			
87) Attention To: Michael P. Goggin			
88) P.O. Box:	And /Or	89) Street Address: 1120 20th Street NW, Suite 1000	
90) City: Washington	91) State: DC	92) Zip Code: 20036	
93) Telephone Number: (202)457-2055		94) Fax Number:	
95) E-Mail Address: michael.p.goggin@att.com			

**Ownership Disclosure Information**

96a) Is the Assignee/Transferee required to file FCC Form 602, Ownership Disclosure Information for the Wireless Telecommunications Services?	( ) <u>Yes</u> <u>No</u>
96b) If 94a is 'Y', provide the File Number of the FCC Form 602 that is required to be submitted in conjunction with this application or is already on file with the FCC.	File Number: _____

**Alien Ownership (If any answer is 'Y', provide an attachment explaining the circumstances. In preparing the attachment, refer to the Main Form Instructions for the "Alien Ownership Questions".)**

97) Is the Assignee/Post-transfer Licensee a foreign government or the representative of any foreign government?	( ) <u>Yes</u> <u>No</u>
98) Is the Assignee/Post-Transfer Licensee an alien or the representative of an alien?	( ) <u>Yes</u> <u>No</u>
99) Is the Assignee/Post-Transfer Licensee a corporation organized under the laws of any foreign government?	( ) <u>Yes</u> <u>No</u>
100) Is the Assignee/Post-Transfer Licensee a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( ) <u>Yes</u> <u>No</u>
101a) Is the Assignee/Post-Transfer Licensee directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens or their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	( ) <u>Yes</u> <u>No</u>

101b) If the answer to 100 or 101a is 'Y' select one of the choices below.

The Assignee or Post-Transfer Licensee is exempt from the provisions of Section 310(b).

*It is not necessary to file a petition for declaratory ruling if the Assignee or Post-Transfer Licensee includes in the attachment required by Item 100 or Item 101a a showing that the subject License(s) is exempt from the provisions of Section 310(b).*

The Assignee or Post-Transfer Licensee has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Assignee or Post-Transfer Licensee has been previously authorized.

*If checked, include in the attachment required by Item 100 or Item 101a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that there has been no change in the foreign ownership of the Assignee or Post-Transfer Licensee since the issuance of its ruling.*

The Assignee or Post-Transfer Licensee: (i) has received a declaratory ruling(s) approving its foreign ownership, but is not able to make the certification specified immediately above; or (ii) is an "affiliate" of a Licensee or Lessee/SubLessee that received a declaratory ruling(s) under Section 1.5000 (a) of the Commission's Rules, 47 C.F.R. § 1.5000 (a), and is relying on the affiliate's ruling for purposes of filing this application as permitted under the affiliate's ruling and Section 1.5004 (b) of the Rules, 47 C.F.R. § 1.5004 (b).

*If checked, and if the Assignee or Post-Transfer Licensee received its declaratory ruling(s) on or after August 9, 2013, include in the attachment required by Item 100 or Item 101a the citation(s) of the Assignee or Post-Transfer Licensee's declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Assignee or Post-Transfer Licensee is in compliance with the terms and conditions of its ruling and with the Commission's Rules.*

*If checked, and if the Assignee or Post-Transfer Licensee received its declaratory ruling(s) prior to August 9, 2013, include in the attachment required by Item 101a a copy of a petition for declaratory ruling filed contemporaneously with the Commission to extend the Assignee or Post-Transfer Licensee's existing ruling(s) to cover the same radio service(s) and geographic coverage area(s) involved in the application. Alternatively, the Assignee or Post-Transfer Licensee may request a new declaratory ruling pursuant to Section 1.5000 (a) of the Commission's Rules, 47 C.F.R. § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*

*If checked, and if the Assignee or Post-Transfer Licensee is relying on an affiliate's ruling for purposes of filing this application/notification, include in the attachment required by Item 100 or Item 101a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number, the FCC Record citation, if available, release date, and a statement that the Assignee or Post-Transfer Licensee is in compliance with the terms and conditions of the named affiliate(s)'s ruling and with the Commission's Rules. The Assignee or Post-Transfer Licensee must also include a certification of compliance signed by the named affiliate or other qualified entity as specified in Section 1.5004 (b) of the Rules, 47 C.F.R. § 1.5004 (b). See Main Form Instructions for Items 100 or 101a, as applicable.*

The Assignee or Post-Transfer Licensee has not received a declaratory ruling approving its foreign ownership and is requesting a declaratory ruling under Section 1.5000 (a) of the Commission's Rules, 47 C.F.R. § 1.5000 (a), in a petition filed contemporaneously with the Commission.

*If checked, include in the attachment required by Item 100 or 101a a copy of the petition for declaratory ruling filed contemporaneously with the Commission pursuant to Section 1.5000(a) of the Commission's Rules, 47 C.F.R. § 1.5000 (a). Petitions for declaratory ruling may be filed electronically on the Internet through the International Bureau Filing System (IBFS) (with a copy attached hereto).*



**Basic Qualification Information**

<p>102) Has the Assignee/Transferee or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification, or renewal of FCC station authorization, license, or construction permit denied by the Commission?</p> <p>If 'Y', attach an exhibit explaining the circumstances.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>103) Has the Assignee/Transferee or any party to this application, or any party directly or indirectly controlling the Assignee/Transferee ever been convicted of a felony by any state or federal court?</p> <p>If 'Y', attach an exhibit explaining the circumstances.</p>	<p>( ) <u>Yes</u> <u>No</u></p>
<p>104) Has any court finally adjudged the Assignee/Transferee, or any party directly or indirectly controlling the Assignee/Transferee guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?</p> <p>If 'Y', attach an exhibit explaining the circumstances.</p>	<p>( ) <u>Yes</u> <u>No</u></p>

**Assignor/Transferor Certification Statements**

<p>1) The Assignor/Transferor certifies either that (1) the authorization will not be assigned or that control of the license(s) will not be transferred until the consent of the Federal Communications Commission has been given, or (2) prior Commission consent is not required because the transaction is subject to streamlined notification procedures for <i>pro forma</i> assignments and transfers by telecommunications carriers. See Section 1.948(c) (1) of the Commission's Rules.</p>
<p>2) The Assignor/Transferor 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.</p>
<p>3) The Assignor/Transferor certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.</p>

**Typed or Printed Name of Party Authorized to Sign**

105) First Name:	MI:	Last Name:	Suffix:
106) Title:			
Signature:			107) Date:

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

**Spectrum Aggregation Limit Certifications**

<p>108) The Assignee/Transferee certifies that grant of this application would not cause the Assignee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under Section 96.31 of the Commission's Rules for 3.5 GHz licenses, taking into consideration the spectrum attribution rules under Section 20.22(b) of the Commission's Rules.</p> <p>*If the Assignee/Transferee has sought a waiver of Section 96.31 in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>	<p>( <input type="checkbox"/> ) <u>Yes</u> <u>No</u></p>
<p>109) The Assignee/Transferee certifies that grant of this application would not cause the Assignee/Transferee to be in violation of the 40 megahertz in-band spectrum aggregation limit set forth under Section 27.1606 of the Commission's Rules for 3.45 GHz licenses, taking into consideration the spectrum attribution rules under Section 20.22(b) of the Commission's Rules.</p> <p>*If the Assignee/Transferee has sought a waiver of Section 27.1606 in connection with this application, it may make this certification subject to the outcome of the waiver request..</p>	<p>( <input type="checkbox"/> ) <u>Yes</u> <u>No</u></p>

**Assignee/Transferee Certification Statements**

<p>1) The Assignee/Transferee certifies either that (1) the authorization(s) will not be assigned or that control of the license(s) will not be transferred until the consent of the Federal Communications Commission has been given, or (2) prior Commission consent is not required because the transaction is subject to streamlined notification procedures for <i>pro forma</i> assignments and transfers by telecommunications carriers. See Section 1.948(c)(1) of the Commission's Rules.</p>
<p>2) The Assignee/Transferee waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.</p>
<p>3) The Assignee/Transferee certifies that grant of this application would not cause the Assignee or Transferee to be in violation of any pertinent cross-ownership or attribution rules.* *If the Assignee/Transferee has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.</p>
<p>4) The Assignee/Transferee agrees to assume all obligations and abide by all conditions imposed on the Assignor/Transferor under the subject authorization(s), unless the Federal Communications Commission pursuant to a request made herein otherwise allows, except for liability for any act done by, or any right accrued by, or any suit or proceeding had or commenced against the Assignor/Transferor prior to this assignment/transfer.</p>
<p>5) The Assignee/Transferee 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.</p>
<p>6) The Assignee/Transferee certifies that neither it 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. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the Commission's Rules. See Section 1.2002(b) of the Commission's Rules for the definition of "party to the application" as used in this certification.</p>

- 7) The Assignee/Transferee certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
- 8) The Assignee/Transferee certifies that it and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

**Typed or Printed Name of Party Authorized to Sign**

110) First Name: Jessica	MI: B	Last Name: Lyons	Suffix:
111) Title: Asst. Secretary of Manager			
Signature: Jessica B Lyons		110) Date: 02/13/2023	
<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>			
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>			

**Authorizations To Be Assigned or Transferred**

112) Call Sign	113) Radio Service Code	114) Location Number	115) Path Number (Microwave only)	116) Frequency Number	117) Lower or Center Frequency (MHz)	118) Upper Frequency (MHz)	119) Constructed Yes / No

Reference Copy

**Schedule for Notification of Consummation of an  
Assignment of Authorization or a Transfer of Control**

1) Provide the File Number of the Assignment of Authorization or Transfer of Control application.	File Number: <u>0010160285</u>
2) Provide the actual date of consummation for the Assignment of Authorization or Transfer of Control.	(MM/DD/YYYY) <u>02/08/2023</u>

Reference Copy

**EXHIBIT B**

**SITE DEVELOPMENT PLAN:**

**500' VICINITY MAP  
LEGAL DESCRIPTIONS  
FLOOD PLAIN CERTIFICATION  
SITE PLAN  
VERTICAL TOWER PROFILE**



(HEREINAFTER REFERRED TO AS "OWNER")

SITE #: US-KY-5166
SITE NAME: HYATTSVILLE
FA #: 15962818
PACE #: MRTNK067463
PROJECT #: 2456A16DL6
IWM #: WSTNK0015492



(HEREINAFTER REFERRED TO AS "NEW LESSEE")



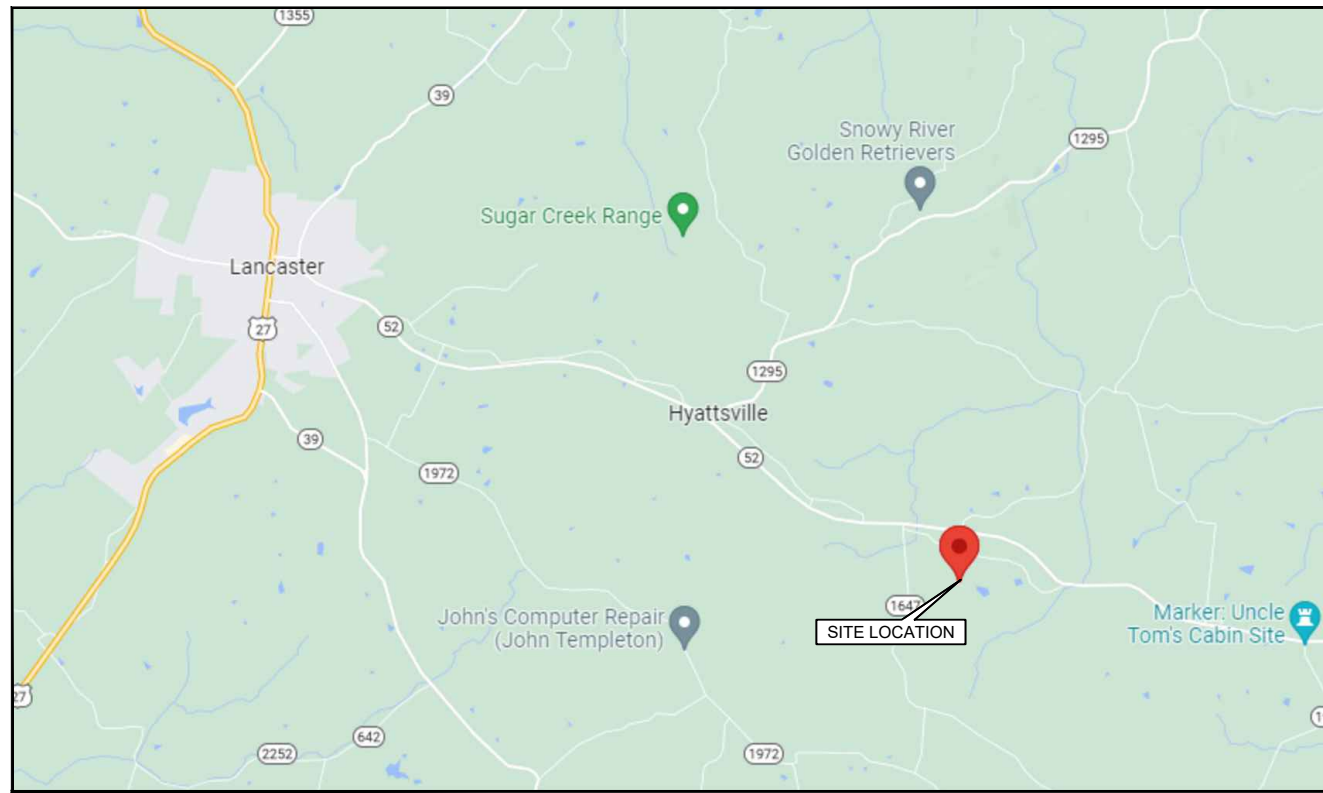
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

Table with 2 columns: Field (DRAWN BY, CHECKED BY) and Value (CAD, CAE)

PROJECT SUMMARY

SITE NAME: HYATTSVILLE
SITE NUMBER: US-KY-5166
SITE ADDRESS: 265 GOOCH PIKE, PAINT LICK, KY 40461
COUNTY: GARRARD
PROPERTY OWNER: WANDA SPARKS ALLEN
CONTACT: WANDA ALLEN
STRUCTURE OWNER: VB 500 II, LLC.
CONTACT: CODY KNOX
LESSEE: NEW CINGULAR WIRELESS PCS, LLC.
LESSEE SITE NAME: HYATTSVILLE
FA NUMBER: 15962818
1A SITE COORDINATES: LATITUDE: 37° 35' 17.63" N (NAD83)
OCCUPANCY: UNMANNED
SITE TYPE: RAWLAND
POWER COMPANY: INTER-COUNTY ENERGY COOPERATIVE
CONTACT: TIM GILL
FIBER: TBD
POLICE DEPARTMENT: GARRARD COUNTY SHERIFF
FIRE DEPARTMENT: GARRARD COUNTY FIRE DEPARTMENT

VICINITY MAP



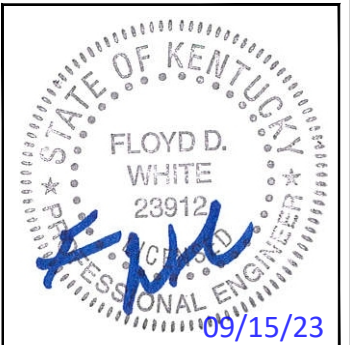
NOT TO SCALE

SHEET INDEX

Table with 2 columns: Sheet Number (Z-001, Z-002 THRU Z-003, etc.) and Title (TITLE SHEET, GENERAL NOTES, etc.)

REVISIONS

Table with 4 columns: Revision Number, Date, By, Description



SITE NAME: HYATTSVILLE
FA NUMBER: 15962818



SITE NAME: HYATTSVILLE
SITE NUMBER: US-KY-5166

SITE ADDRESS: 265 GOOCH PIKE, PAINT LICK, KY 40461
SITE TYPE: RAWLAND

SHEET TITLE: TITLE SHEET

Table with 2 columns: SHEET NUMBER (Z-001) and REVISION (0)

SCOPE OF WORK

NEW BUILD - RAWLAND
INSTALLATION OF A 250'-0" SELF SUPPORT TOWER W/ GROUNDING, UTILITIES, FENCED COMPOUND, AND OTHER SUPPORT STRUCTURES AND COMPONENTS.
INSTALLATION OF ANTENNAS AND ANCILLARY EQUIPMENT FOR WIRELESS COMMUNICATIONS.

NOTES

1. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPLICABLE CODES

ALL WORK SHALL BE PERFORMED AND MATERIALS 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 CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

Table with 2 columns: CODE TYPE (BUILDING, RESIDENTIAL, etc.) and CODE (2018 KBC, 2015 IMC, etc.)

DIRECTIONS TO SITE

FROM COUNTY SEAT - 15 PUBLIC SQUARE # 5, LANCASTER, KY 40444
TAKE KY-52 E/RICHMOND RD EAST FOR APPROXIMATELY 5 MILES. TURN RIGHT ONTO STATE HWY 1647 / GOOCH PIKE. SITE ACCESS WILL BE ON THE LEFT IN APPROXIMATELY 0.5 MILES.

DIRECTIONS TO SITE PREPARED BY COREY DAY; PHONE: (423) 208-6703



CALL KENTUCKY ONE CALL (800) 752-6007 CALL 3 WORKING DAYS BEFORE YOU DIG!

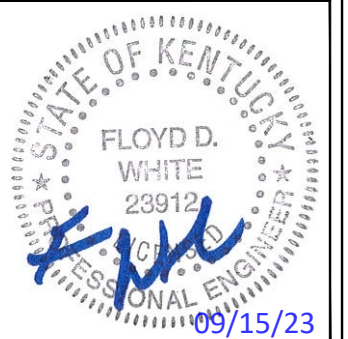




THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818



SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

SHEET TITLE	GENERAL NOTES
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SHEET NUMBER	Z-002	REVISION	0
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### ABBREVIATIONS

AGL	ABOVE GROUND LEVEL	AMSL	ABOVE MEAN SEA LEVEL
CL	CENTERLINE	CONC	CONCRETE
DIA	DIAMETER	DIM	DIMENSION
EA	EACH	ELEV	ELEVATION
EQ	EQUAL	(E)	EXISTING
FTG	FOOTING	FDN	FOUNDATION
HSS	HOLLOW STRUCTURE SHAPE	LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL	MAX	MAXIMUM
(N)	NEW	NTS	NOT TO SCALE
MIN	MINIMUM	OC	ON CENTER
PL	PLATE	(P)	PROPOSED
RGS	RIGID GALVANIZED STEEL	TBR	TO BE REMOVED
TOS	TOP OF STEEL	TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE	W/	WITH

### LEGEND

SYMBOLS OF EXISTING FEATURES	DESCRIPTION	SYMBOLS OF PROPOSED FEATURES
X 100.5	SPOT ELEVATION	712.9
	CONTOUR LINE	
	STORM DRAIN	
	CATCH BASIN	
	RIGHT OF WAY	
	IRON PIN	
	BENCHMARK	
	CONCRETE MONUMENT	
	CENTERLINE	
	OVERHEAD TELEPHONE	
	UNDERGROUND TELEPHONE	
	OVERHEAD POWER	
	UNDERGROUND POWER	
	UNDERGROUND FIBER	
	FENCE LINE	
	SILT FENCE	
	LIMITS OF DISURBANCE	
	UTILITY POLE	
	LIGHT POLE	
	WATER LINE	
	WATER VALVE	
	NATURAL GAS LINE	
	GAS VALVE	
	SANITARY SEWER	
	MANHOLE	

NOTE: THIS IS A GENERAL LEGEND. ALL FEATURES MAY NOT BE LOCATED IN THIS SITE.



**GENERAL NOTES:**

THE MUST PROVIDE CLOSE-OUT DOCUMENTS AT THE FINAL INSPECTION WALK BEFORE PAYMENTS WILL BE MADE.

**DEFINITIONS AND ABBREVIATIONS**

- THE FOLLOWING DEFINITIONS SHALL APPLY:
  - AHJ - AUTHORITY HAVING JURISDICTION
    - CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)
    - ENGINEER - GEN7 ENGINEERING, LLC.
    - LESSEE - AT&T
    - OWNER - VB 500 II, LLC.
  - OWNER REPRESENTATIVE - CONSTRUCTION MANAGEMENT
- THE INSTALLATION SHALL COMPLY W/ APPLICABLE LAWS AND ORDINANCES, UTILITY COMPANY REGULATIONS, AND APPLICABLE REQUIREMENTS OF THE FOLLOWING:
  - ACI - AMERICAN CONCRETE INSTITUTE
  - AISC - AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- IBC - INTERNATIONAL BUILDING CODE
- IECC - INTERNATIONAL ENERGY CONSERVATION CODE
- IFGC - INTERNATIONAL FUEL GAS CODE
- NEC - NATIONAL ELECTRIC CODE
- NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
- NFC - NATIONAL FIRE CODE

**GENERAL REQUIREMENTS:**

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY W/ ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY. SPECIFICATIONS AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE W/ ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES.
- THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS, THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE W/ THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) OWNER'S REPRESENTATIVE OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK AND FAMILIARIZE HIMSELF W/ THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE W/ THE CONTRACT.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED W/ CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS OTHERWISE NOTED OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL MAINTAIN A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE, UPDATED W/ THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED W/ THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC., DURING SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS/RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY.
- THE CONTRACTOR SHALL COMPLY W/ ALL PERTINENT SECTIONS OF THE APPLICABLE BUILDING CODES AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL THAT CONFLICT IS RESOLVED BY OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS.
- THE CONTRACTOR SHALL NOTIFY THE RF ENGINEER FOR ANTENNA AZIMUTH VERIFICATION (DURING ANTENNA INSTALLATION) PRIOR TO COORDINATING SITE SWEEPING.
- THE CONTRACTOR SHALL SUBMIT, AT THE END OF THE PROJECT, A COMPLETE SET OF AS-BUILT DRAWINGS TO OWNER'S PROJECT MANAGER.

**SITE WORK AND DRAINAGE:**

EARTHWORK, EXCAVATION AND GRADING

**PART 1 GENERAL**

- 1.01 WORK INCLUDED: REFER TO SURVEY AND SITE PLAN FOR WORK INCLUDED.
- 1.02 RELATED WORK
  - CONSTRUCTION OF EQUIPMENT FOUNDATIONS
  - INSTALLATION OF ANTENNA SYSTEM
  - SITE PREPARATION

**1.03 DESCRIPTIONS**

- ACCESS ROAD, TURNAROUND AREAS AND SITES ARE CONSTRUCTED TO PROVIDE A WELL DRAINED, EASILY MAINTAINED, EVEN SURFACE FOR MATERIAL AND EQUIPMENT DELIVERIES AND MAINTENANCE PERSONNEL ACCESS.

**1.04 QUALITY ASSURANCE**

- APPLY SOIL STERILIZER IN ACCORDANCE W/ MANUFACTURER'S RECOMMENDATION (USE AS NEEDED)
- VEGETATION LANDSCAPING, IF INCLUDED WITHIN THE CONTRACT WILL BE PLACED AND MAINTAINED AS RECOMMENDED BY NURSERY INDUSTRY STANDARDS.

**1.05 SEQUENCING**

- CONTRACTOR IS RESPONSIBLE FOR LAYOUT AND CONSTRUCTION STAKING.
- GRUB THE COMPLETE ROAD AND SITE AREA PRIOR TO FOUNDATION CONSTRUCTION OR PLACEMENT OF BACK FILL OR SUB-BASE MATERIAL.
- CONSTRUCT TEMPORARY CONSTRUCTION ZONE ALONG ACCESS DRIVE.
- THE SITE AREA WILL BE BROUGHT TO SUB-BASE COURSE ELEVATION AND THE ACCESS ROAD TO BASE COURSE ELEVATION PRIOR TO FORMING FOUNDATIONS.
- APPLY SILT STERILIZER PRIOR TO PLACING BASE MATERIALS.
- IF REQUIRED, GRADE, SEED, FERTILIZE AND MULCH DISTURBED AREAS IMMEDIATELY AFTER BRINGING THE SITE AND ACCESS ROAD TO BASE ELEVATION. WATER TO ENSURE GROWTH.
- REMOVE EXCESS GRAVEL FROM TEMPORARY CONSTRUCTION ZONE.
- AFTER APPLICATIONS OF FINAL SURFACES, APPLY SOIL STERILIZER TO THE STONE SURFACES.

**1.06 SUBMITTALS**

- BEFORE CONSTRUCTION
  - IF LANDSCAPING IS APPLICABLE TO THE CONTRACT, SUBMIT TWO COPIES OF THE LANDSCAPING PLAN UNDER NURSERY LETTERHEAD. IF A LANDSCAPE ALLOWANCE IS INCLUDED IN THE CONTRACT, PROVIDE AN ITEMIZED LISTING OF PROPOSED COSTS UNDER NURSERY LETTERHEAD (REFER TO SITE PLAN FOR LANDSCAPING REQUIREMENT).
  - SUBMIT FOR APPROVAL, 1/2 CUBIC FOOT OF THE PROPOSED SURFACE COURSE MATERIAL.
  - LANDSCAPING WARRANTY STATEMENT, IF REQUIRED.

**PART 2 PRODUCTS**

**2.01 MATERIALS**

- ROAD AND SITE MATERIALS: FILL MATERIAL SHALL BE ACCEPTABLE. SELECT FILL AND SHALL BE IN ACCORDANCE W/ LOCAL DEPARTMENT OF HIGHWAY AND PUBLIC TRANSPORTATION STANDARD SPECIFICATIONS.
- SOIL STERILIZER SHALL BE EPA REGISTERED OF LIQUID COMPOSITION AND OF PRE-EMERGENCE DESIGN.
- SOIL STABILIZER FABRIC SHALL BE MIRAFI OR EQUAL - 500% AT ACCESS ROAD AND SOAK AT COMPOUND.
- GRAVEL FILL: WELL GRADED, HARD, DURABLE, NATURAL SAND AND GRAVEL, FREE FROM ICE AND SNOW, ROOTS, SOD RUBBISH, AND OTHER DELETERIOUS OR ORGANIC MATTER. MATERIAL SHALL CONFORM TO THE FOLLOWING GRADATION REQUIREMENTS:

U.S. SIEVE NO.	PASSING BY WEIGHT
4"	100
1/2"	50-85
#4	40-75
#10	30-60
#40	10-30
#100	5-20
#200	0-5

GRAVEL FILL TO BE PLACED IN LIFTS OF 9" MAXIMUM THICKNESS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

**2.02 EQUIPMENT**

- COMPACTION SHALL BE ACCOMPLISHED BY MECHANICAL MEANS. LARGER AREAS SHALL BE COMPACTED BY SHEEP'S FOOT, VIBRATORY OR RUBBER TIED ROLLERS WEIGHING AT LEAST 5 TONS. SMALLER AREAS SHALL BE COMPACTED BY POWER-DRIVER, HAND-HELD TAMPER.
- PRIOR TO OTHER EXCAVATION AND CONSTRUCTION EFFORTS, GRUB ORGANIC MATERIAL TO A MINIMUM OF 6" BELOW ORIGINAL GROUND LEVEL.
- UNLESS OTHERWISE INSTRUCTED BY OWNER, REMOVE TREES, BRUSH AND DEBRIS FROM THE PROPERTY TO AN AUTHORIZED DISPOSAL LOCATION.
- PRIOR TO PLACEMENT OF FILL OR BASE MATERIALS, ROLL THE SOIL.
- WHERE UNSTABLE CONDITIONS ARE ENCOUNTERED, LINE THE RUBBED AREAS W/ STABILIZER MAT PRIOR TO PLACEMENT OF FILL OR BASE MATERIAL.

**PART 3 EXECUTION**

**3.30 INSTALLATION**

- THE SITE AND TURNAROUND SHALL BE AT THE SUB-BASE COURSE ELEVATION PRIOR TO FORMING FOUNDATIONS. GRADE OR FILL THE SITE AND ACCESS ROAD AS REQUIRED TO PRODUCE EVEN DISTRIBUTION OF SPOILS RESULTING FROM FOUNDATION EXCAVATIONS. THE RESULTING GRADE SHALL CORRESPOND W/ SAID SUB-BASE COURSE. ELEVATIONS ARE TO BE CALCULATED FROM FINISHED GRADES OR SLOPES INDICATED.
- CLEAR EXCESS SPOILS, IF ANY, FROM JOB SITE AND DO NOT SPREAD BEYOND THE LIMITS OF OWNER'S LEASE PROPERTY UNLESS AUTHORIZED BY PROJECT MANAGER.
- THE ACCESS ROAD SHALL BE BROUGHT TO BASE COURSE ELEVATION PRIOR TO FOUNDATION CONSTRUCTION.
- DO NOT CREATE DEPRESSIONS WHERE WATER MAY POND.
- THE CONTRACT INCLUDES ALL NECESSARY GRADING, BANKING, DITCHING AND COMPLETE SURFACE COURSE FOR ACCESS ROAD. ALL ROADS OR ROUTES UTILIZED FOR ACCESS TO PUBLIC THOROUGHFARE ARE INCLUDED SCOPE OF WORK UNLESS OTHERWISE INDICATED.

- WHEN IMPROVING AN EXISTING ACCESS ROAD, GRADE THE EXISTING ROAD TO REMOVE ANY ORGANIC MATTER AND THEN SMOOTH SURFACE BEFORE PLACING FILL OR STONE.
- PLACE FILL OR STONE IN 3" MAXIMUM LIFTS AND COMPACT BEFORE PLACING NEXT LIFT.
- THE FINISH GRADE, INCLUDING TOP SURFACE COURSE SHALL EXTEND A MINIMUM OF 12" BEYOND THE SITE FENCE AND SHALL COVER THE AREA AS INDICATED.
- RIPRAP SHALL BE APPLIED TO THE SIDE SLOPES OF ALL FENCED AREAS, PARKING AREAS AND TO ALL OTHER SLOPES GREATER THAN 2:1.
- RIPRAP SHALL BE APPLIED TO THE SIDES OF DITCHES OR DRAINAGE SWALES AS INDICATED ON PLANS.
- RIPRAP ENTIRE DITCH FOR 6'-0" IN ALL DIRECTIONS AT CULVERT OPENINGS.
- SEED, FERTILIZER AND STRAW COVER SHALL BE APPLIED TO ALL OTHER DISTURBED AREAS AND DITCHES, DRAINAGE SWALES, NOT OTHERWISE RIPRAPPED.
- UNDER NO CIRCUMSTANCES SHALL DITCHES, SWALES OR CULVERTS BE PLACED SO THEY DIRECT WATER TOWARDS OR PERMIT STANDING WATER IMMEDIATELY ADJACENT TO SITE. IF OWNER DESIGNS OR IF DESIGN ELEVATIONS CONFLICT W/ THIS GUIDANCE, ADVISE THE OWNER IMMEDIATELY.
- IF A DITCH LIES W/ SLOPES GREATER THAN TEN PERCENT, MOUNT DIVERSIONARY HEADWALLS IN THE DITCH FOR 6'-0" ABOVE THE CULVERT ENTRANCE.
- SEED AND FERTILIZER SHALL BE APPLIED TO SURFACE CONDITIONS WHICH WILL ENCOURAGE ROOTING. RAKE AREAS TO BE SEEDED TO EVEN THE SURFACE AND TO LOOSEN THE SOIL.
- SOW SEEDS IN TWO DIRECTIONS IN TWICE THE QUANTITY RECOMMENDED BY THE SEED PRODUCER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROWTH OF SEEDED AND LANDSCAPED AREAS BY WATERING TO THE POINT OF RELEASE FROM THE CONTRACT. CONTINUE TO REWORK BARE AREAS UNTIL COMPLETE COVERAGE IS OBTAINED.

**3.04 FIELD QUALITY CONTROL**

COMPACTION SHALL BE 90% STANDARD PROCTOR DENSITY IN ACCORDANCE W/ ASTM D-1557 FOR SITE WORK AND 95% STANDARD PROCTOR DENSITY UNDER SLAB AREAS. AREAS OF SETTLEMENT WILL BE EXCAVATED AND REFILLED AT CONTRACTOR'S EXPENSE.

**3.05 PROTECTION**

- PROTECT SEEDED AREAS FROM EROSION BY SPREADING STRAW TO A UNIFORM LOOSE DEPTH OF 1"-2". STAKE AND TIE DOWN AS REQUIRED. USE OF EROSION CONTROL MESH OR MULCH NET SHALL BE AN ACCEPTABLE ALTERNATIVE.
- ALL TREES PLACED IN CONJUNCTION W/ A LANDSCAPE CONTRACT SHALL BE WRAPPED/TIED W/ HOSE PROTECTED WIRE AND SECURED TO STAKES EXTENDING 2'-0" INTO THE GROUND ON FOUR SIDES OF THE TREE.
- ALL EXPOSED AREAS SHALL BE PROTECTED AGAINST WASHOUTS AND SOIL EROSION. STRAW BALES SHALL BE PLACED AT THE INLET APPROACH TO ALL NEW OR EXISTING CULVERTS.

**EROSION AND SEDIMENT CONTROL NOTES:**

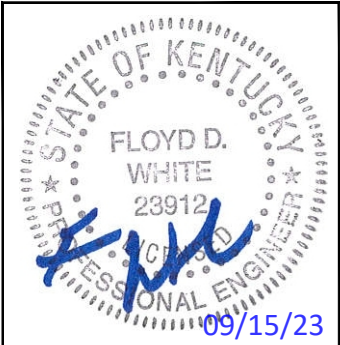
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK, 4TH EDITION AUGUST 2012.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP OF CLEARING. ADD MEASURES AS NECESSARY AS DISTURBANCES INCREASE AS PART OF THE PHASED CONSTRUCTION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, ALONG W/ THE APPROVED NOTICE OF INTENT AND STORMWATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
- ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES FINAL STABILIZATION IS ACHIEVED.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
- CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE EXPOSURE TIME OF CLEARED SURFACE AREA. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO EARTH MOVING OPERATIONS. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, AND AT MAXIMUM 14 CALENDAR DAYS IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL EXCEEDING 0.5 INCH WITHIN A 24 HOUR PERIOD.
- THE CONTRACTOR SHALL DESIGNATE IN WRITING THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS.
- PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE REMOVED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING. ALL GRADED AREAS EXPECTED TO REMAIN UNFINISHED FOR MORE THAN 30 CALENDAR DAYS SHALL BE COVERED W/ TEMPORARY GRASS, SOD, STRAW, MULCH OR FABRIC MATS. PERMANENT SOIL STABILIZATION SHALL BE INSTALLED WITHIN 15 CALENDAR DAYS OF FINAL GRADING.
- THE CONTRACTOR SHALL MAINTAIN RECORDS OF EROSION CONTROL INSPECTIONS AND REPAIRS FOR A MINIMUM OF 3 YEARS AFTER CONSTRUCTION COMPLETION.
- MULCHING SHALL CONSIST OF LOOSE HAY OR STRAW APPLIED AT THE RATE OF 2 TONS/ACRE.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM TRAPS, SILT FENCES, SEDIMENT PONDS, ETC. AS NECESSARY AND WHEN CAPACITY HAS BEEN REDUCED BY 50%.
- STOCKPILES SHALL BE STABILIZED AND PROTECTED FROM EROSION.



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	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818



SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
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SITE TYPE	RAWLAND
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SHEET TITLE	GENERAL NOTES
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SHEET NUMBER	REVISION
Z-003	0

**FLOOD HAZARD STATEMENT:**

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA FIRM MAP COMMUNITY PANEL NUMBER 21079C 0200 C, GARRARD COUNTY, KENTUCKY. EFFECTIVE DATE APRIL 18, 2011.

**PROJECT BENCHMARK**

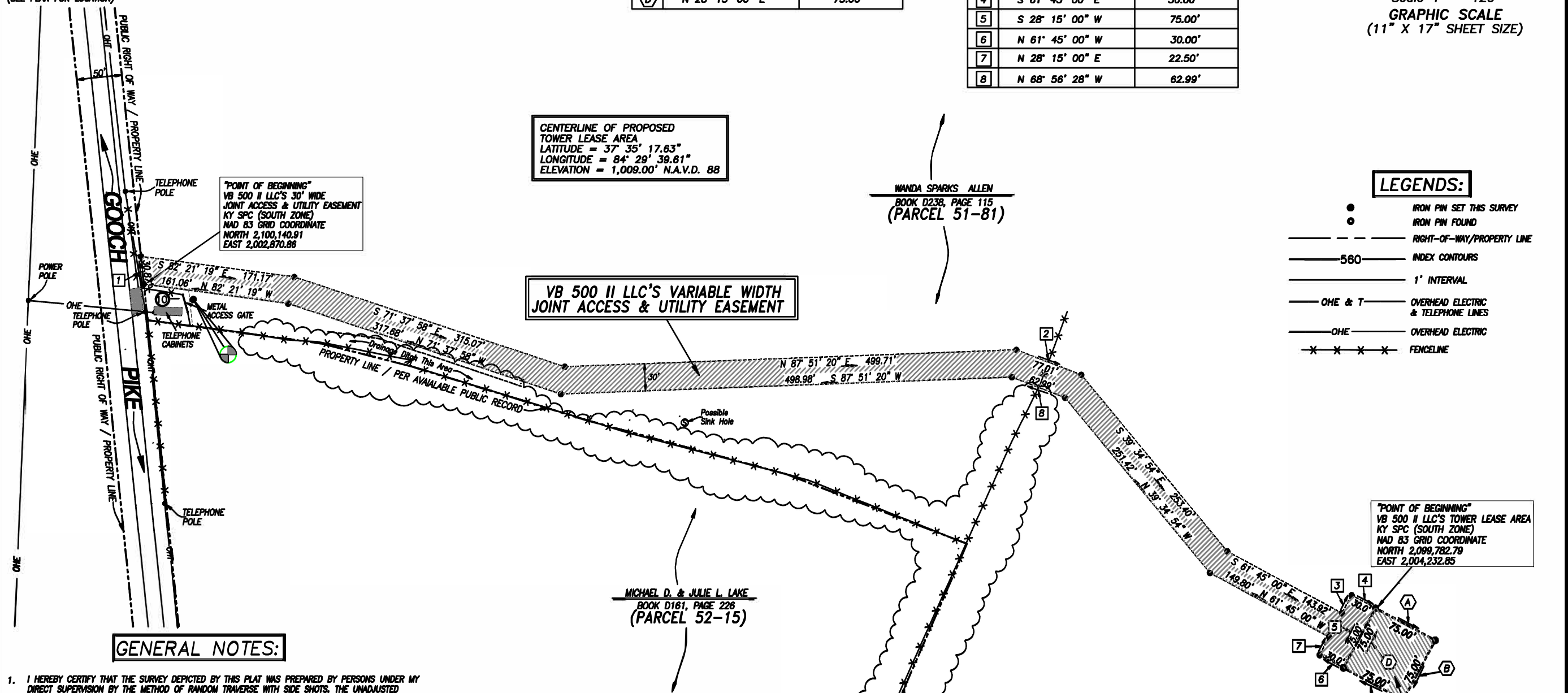
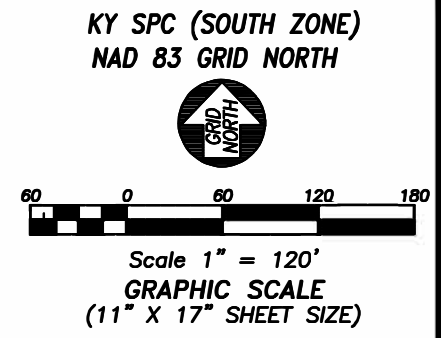
PROJECT BENCHMARK ELEVATION DATUM IS BASED UPON GPS SURVEY METHODS AND PROCEDURES. TOP OF "CAPPED" IRON PIN SET THIS SURVEY ELEVATION = 910.45' N.A.V.D. 88 (SEE PLAN FOR LOCATION)

**PERIMETER DATA - VB 500 II LLC'S TOWER LEASE AREA**

NO.	BEARING	DISTANCE
(A)	S 61° 45' 00" E	75.00'
(B)	S 28° 15' 00" W	75.00'
(C)	N 61° 45' 00" W	75.00'
(D)	N 28° 15' 00" E	75.00'

**PERIMETER DATA - VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT**

NO.	BEARING	DISTANCE
1	N 06° 00' 28" W	30.87'
2	S 68° 56' 28" E	77.01'
3	N 28° 15' 00" E	22.50'
4	S 61° 45' 00" E	30.00'
5	S 28° 15' 00" W	75.00'
6	N 61° 45' 00" W	30.00'
7	N 28° 15' 00" E	22.50'
8	N 68° 56' 28" W	62.99'



**CENTERLINE OF PROPOSED TOWER LEASE AREA**  
LATITUDE = 37° 35' 17.63"  
LONGITUDE = 84° 29' 39.61"  
ELEVATION = 1,009.00' N.A.V.D. 88

**VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT**

WANDA SPARKS ALLEN  
BOOK D238, PAGE 115  
(PARCEL 51-81)

MICHAEL D. & JULIE L. LAKE  
BOOK D161, PAGE 226  
(PARCEL 52-15)

**LEGENDS:**

- IRON PIN SET THIS SURVEY
- IRON PIN FOUND
- RIGHT-OF-WAY/PROPERTY LINE
- 560--- INDEX CONTOURS
- 1' INTERVAL
- OHE & T --- OVERHEAD ELECTRIC & TELEPHONE LINES
- OHE --- OVERHEAD ELECTRIC
- \* \* \* \* \* FENCELINE

**GENERAL NOTES:**

- I HEREBY CERTIFY THAT THE SURVEY DEPICTED BY THIS PLAT WAS PREPARED BY PERSONS UNDER MY DIRECT SUPERVISION BY THE METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. THE UNADJUSTED PRECISION OF THE TRAVERSE RATIO WAS 1:21,150, AND WAS NOT ADJUSTED. THE SURVEY AS SHOWN HEREON IS AN URBAN SURVEY, AND THE ACCURACY AND PRECISION OF SAID SURVEY MEETS ALL THE SPECIFICATIONS OF THIS CLASS.  
*F. V. Neeley* DATE JULY 28, 2023
- TOPOGRAPHIC ELEVATIONS SHOWN WERE DERIVED FROM GRID CROSS-SECTIONS, USING A TOTAL STATION FOR HORIZONTAL AND VERTICAL CONTROL. ALL DISTANCES MEASURED HAVE BEEN ADJUSTED FOR TEMPERATURE.
- PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 60, OF THE PROPERTY VALUATION OFFICE OF GARRARD COUNTY, KENTUCKY.
- BEARINGS SHOWN ARE REFERENCED FROM GLOBALLY POSITIONED SATELLITE MONUMENTS AS ESTABLISHED FOR THIS SURVEY.
- PROPERTY OWNER:  
WANDA SPARKS ALLEN  
815 RICHMOND ROAD LOOP 2  
LANCASTER, KY 40444
- IRON PINS SET ARE 18" MINIMUM LENGTH REINFORCING STEEL BARS WITH A PLASTIC CAPPED EMBOSSED "KY PLS #3083", UNLESS ROCK OR OTHER LIKE MATERIAL IS ENCOUNTERED.
- DATE OF FIELD SURVEY: TUESDAY, JULY 25, 2023.
- NOT VALID WITHOUT THE ORIGINAL SIGNATURE OF THE PROFESSIONAL LICENSED SURVEYOR.

**UNDERGROUND UTILITIES**  
CALL 2 WORKING DAYS  
**BEFORE YOU DIG**  
KENTUCKY 1-800-752-6007  
UTILITIES PROTECTION SERVICE  
NON-MEMBERS MUST CALL DIRECTLY

**SPECIAL NOTE:**

THIS SURVEY PLAN WAS PERFORMED UNDER THE AUTHORITY OF KENTUCKY REVISED STATUTES (201 KAR 18.150), AND IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY AS DEFINED WITHIN KENTUCKY REVISED STATUTES. DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITH VB 500 II LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF KENTUCKY.

**GPS SURVEY CERTIFICATION:**

- THIS SURVEY WAS PERFORMED USING RTK POSITIONAL DATA.
- EQUIPMENT USED WAS A SOKKIA GRX3, DUAL FREQUENCY, BASE SERIAL # 1487-10585, ROVER SERIAL # 1487-10680.
- THE GRID COORDINATES OF THE FIXED STATION(S) SHOWN WERE DERIVED USING A VRS NETWORK OF THE CORPS STATIONS REFERENCING NAD 83 (2011), (EPOCH 2010), GEOID 12B.
- THE RELATIVE POSITIONAL ACCURACY OF THE GPS VECTORS DOES NOT EXCEED 0.1'H & 0.01" V.
- BEARINGS ARE RELATIVE TO KENTUCKY (SOUTH ZONE) STATE PLANE. ALL REFERENCES TO GRID BEARINGS AND KENTUCKY STATE PLANE COORDINATES AS INDICATED ARE UNADJUSTED, NAD 83 SURVEY FEET, WITH CONVERGENCE ANGLE OF 1.5263111 DEGREES, A SCALE FACTOR OF 1.00020071 DEGREES, AND A COMBINED FACTOR OF 1.00016216 DEGREES.

**"POINT OF BEGINNING"**  
VB 500 II LLC'S TOWER LEASE AREA  
KY SPC (SOUTH ZONE)  
NAD 83 GRID COORDINATE  
NORTH 2,099,782.79  
EAST 2,004,232.85

**VB 500 II LLC'S TOWER LEASE AREA**

STATE OF KENTUCKY  
F. V. NEELEY  
LS-3093  
LICENSED  
PROFESSIONAL  
LAND SURVEYOR

PLOT DATE: AUGUST 14, 2023



SHARONDALE SURVEYING INC.  
161 MARTIN ROAD  
BON AQUA, TN 37025  
(615) 513-0032  
E-Mail: Sharonda@belsouth.net

VB 500 II LLC SITE SURVEY: KENTUCKY  
"HYATTSVILLE" TOWER SITE  
LOCATED IN: GARRARD COUNTY, KENTUCKY  
TOWER LEASE AREA SURVEY  
PREPARED FOR: VB 500 II LLC  
VB 500 II LLC SITE NUMBER: US-KY-5166

SHEET NUMBER:

1 OF 2

PROJECT NUMBER:  
223.080.20

**VB 500 II LLC'S TOWER LEASE AREA DESCRIPTION**

Beginning at a capped "Sharondale Nashville" iron pin set at the north corner of VB 500 II LLC's tower lease area located at Kentucky State Plane (South Zone) NAD 83 Grid Coordinate North 2,099,782.79, East 2,004,232.85;

Thence, South 61 degrees 45 minutes 00 seconds East, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the east corner of VB 500 II LLC's tower lease area;

Thence, South 28 degrees 15 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the south corner of VB 500 II LLC's tower lease area;

Thence, North 61 degrees 45 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the west corner of VB 500 II LLC's tower lease area;

Thence, North 28 degrees 15 minutes 00 seconds East, 75.00 feet to the point of beginning, containing 5,725 square feet, (0.129 acres).

Being a portion of the property conveyed to Wanda Sparks Allen, of record in Book D238, Page 115, of the Court Clerk's Office of Garrard County, Kentucky.

**VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT AREA DESCRIPTION**

Being a thirty foot wide joint access and utility easement extending from the east margin of Gooch Pike to the northwest margin of VB 500 II LLC's tower lease area, being more particularly described as follows:

Beginning at a point in the east margin of Gooch Pike located at Kentucky State Plane (South Zone) NAD 83 Grid Coordinate North 2,100,140.91, East 2,002,870.86;

Thence, with the east margin of Gooch Pike, North 6 degrees 00 minutes 28 seconds West, 30.87 feet to a point;

Thence, leaving the east margin of Gooch Pike, South 82 degrees 21 minutes 19 seconds East, 171.17 feet to a point;

Thence, South 71 degrees 37 minutes 58 seconds East, 315.07 feet to a point;

Thence, North 87 degrees 51 minutes 20 seconds East, 499.71 feet to a point;

Thence, South 68 degrees 56 minutes 28 seconds East, 77.01 feet to a point;

Thence, South 39 degrees 34 minutes 54 seconds East, 253.40 feet to a point;

Thence, South 61 degrees 45 minutes 00 seconds East, 143.92 feet to a point;

Thence, North 28 degrees 15 minutes 00 seconds East, 22.50 feet to a point;

Thence, South 61 degrees 45 minutes 00 seconds East, 30.00 feet to a capped "Sharondale Nashville" iron pin set at the north corner of VB 500 II LLC's tower lease area;

Thence, with the northwest margin of VB 500 II LLC's tower lease area, South 28 degrees 15 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the southwest corner of VB 500 II LLC's tower lease area;

Thence, leaving the northwest margin of VB 500 II LLC's tower lease area, North 61 degrees 45 minutes 00 seconds West, 30.00 feet to a point;

Thence, North 28 degrees 15 minutes 00 seconds East, 22.50 feet to a point;

Thence, North 61 degrees 45 minutes 00 seconds West, 149.80 feet to a point;

Thence, North 39 degrees 34 minutes 54 seconds West, 251.42 feet to a point;

Thence, North 68 degrees 56 minutes 28 seconds West, 62.99 feet to a point;

Thence, South 87 degrees 51 minutes 20 seconds West, 498.98 feet to a point;

Thence, North 71 degrees 37 minutes 58 seconds West, 317.68 feet to a point;

Thence, North 82 degrees 21 minutes 19 seconds West, 161.07 feet to the point of beginning, containing 45,783 square feet, (1.051 acres).

Being a portion of the property conveyed to Wanda Sparks Allen, of record in Book D238, Page 115, of the Court Clerk's Office of Garrard County, Kentucky.

**SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"**

NOTES CORRESPONDING TO WESTCOR LANDTITLE INSURANCE COMPANY'S "TITLE COMMITMENT" - COMMITMENT NO. VTB-142536-C, ISSUED NOVEMBER 28, 2022.

EXCEPTION NUMBERS ONE THROUGH NINE ARE NOT THE TYPE OF EXCEPTIONS TO BE SHOWN UPON THE FACE OF THIS SURVEY.

10- DEED OF EASEMENT BETWEEN ELISHA AND ROSE SPARKS; AND GTE SOUTH INCORPORATED A VIRGINIA CORPORATION, OF RECORD IN BOOK 153, PAGE 304, OF THE COURT CLERK'S OFFICE OF GERRARD COUNTY, KENTUCKY, IS NOT APPLICABLE TO VB 500 II LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

AFFECTED BY A(N) MEMORANDUM OF ASSIGNMENT OF EASEMENTS BETWEEN WINDSTREAM HOLDINGS, INC., A DELAWARE CORPORATION, WINDSTREAM SERVICES, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WH; AND WINDSTREAM KENTUCKY EAST, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WINDSTREAM; AND CSL KENTUCKY SYSTEM, LLC, A DELAWARE LIMITED LIABILITY COMPANY, DATED AUGUST 18, 2016, AND RECORDED OCTOBER 4, 2016, IN (BOOK) 285 (PAGE) 655 (INSTRUMENT) 132065, IN GARRARD COUNTY, KENTUCKY.

AFFECTED BY A(N) MEMORANDUM OF ASSIGNMENT OF EASEMENTS BETWEEN WINDSTREAM HOLDINGS, INC., A DELAWARE CORPORATION, WINDSTREAM SERVICES, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WH; AND WINDSTREAM KENTUCKY EAST, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WINDSTREAM; AND CSL KENTUCKY SYSTEM, LLC, A DELAWARE LIMITED LIABILITY COMPANY, DATED AUGUST 18, 2016, AND RECORDED OCTOBER 4, 2016, IN (BOOK) 286 (PAGE) 23 (INSTRUMENT) 132330, IN GARRARD COUNTY, KENTUCKY.

**UNDERLYING LANDOWNER'S PROPERTY AREA DESCRIPTION**

Parcel 1;

Tract "1"

Located and being in Garrard County, Kentucky, on the Richmond-Lancaster Pike and more particularly describes as follows:

Beginning at a point 33 feet from the center of L & N Railroad right-of-way and in the middle of the Lancaster and Richmond Turnpike; thence with the middle of the Lancaster and Richmond Turnpike; thence with the middle of Pike S 43 E 4 chains, S 62 1/2 E 4.45 chains, N 83 1/4 E 4.75 chains, S 70 E 13.80 chains to the middle of Pike, corner to the 10 acre tract; thence with the said 10 acre tract, with the wire fence, S 21 3/4 W 11.50 chains to a stone; thence S 55 E 8.54 chains to a stone, corner to 9 10 acre tract and in Burnside line, S 21 1/4 W 20.75 chains to a stone, corner to the 30 acres of Susie Kincaid; thence with said 30 acres and in line to the 30 acre tract of Mat Smith; thence with his line, with the wire fence, N 23 1/2 W 10.30 chains, a new corner; thence a New line, N 76 1/2 W 14.83 chains to the middle of Hammock Pike; with same N 5 5/2 W 4 chains to the middle of the Pike, near the gate of Mat Smith; thence with the middle of Hammock Pike No 6 W 13 chains to a point in the middle of the Pike and in the old L & N Railroad right-of-way; thence with the L & N right-of-way N 79 E 1.72 chains, N 77 1/2 E 7.50 chains, N 74 E 4.35 chains to the beginning and containing 97 acres, more or less.

Tract "1-A".

Located and being in Garrard County, Kentucky on the Lancaster-Richmond Pike, and further described as follows:

Adjoining Parcel 1 described herein and beginning at a point in the Richmond-Lancaster Turnpike; running thence in a Southerly direction with the lands of Robert Hogan to a corner with the 97 acre tract (Parcel 1); thence in a Westerly direction with said Parcel 1 to another corner; thence still with parcel 1 in a Northerly direction to a point in said Turnpike; thence with said Turnpike in an Easterly direction to the point of beginning and containing 10 acres, more or less.

However there is excepted from and not conveyed herein the following:

Exception #1:

Being a Parcel of land conveyed to David Roy Allen and Scarlett Angelic Allen, his wife, by deed dated the 23rd. day of March 2006, said deed now of record in Deed Book 231, Page 182, Garrard County Court Clerk's Office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

Exception #2:

A parcel of land conveyed to David Roy Allen and Scarlett Angelic Allen, his wife, by deed dated the 10th. day of July 2003, said deed now of record in Deed Book 222, Page 220, Garrard County Court Clerk's Office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

Exception #3:

A parcel of land subtracted from Parcel 1 (described above) Being this day conveyed to Rose D. Sparks and Carolyn Rankin, to wit:

A Parcel of land located and being on KY Hwy. 52 near Point Leavelle, in Garrard County, Kentucky, beginning at a post or stake at the corner of the right-of-way of KY Hwy 52 and Ballard Brothers farm and from said post or stake in a Southerly direction and with line fence of Ballard Brothers property and following said line fence to a point in line with Ballard Brothers and Parcel 1; thence West, a fence line, to a stake corner with this property herein conveyed and other land of Parcel 1, thence North a new line to a stake corner; thence West 50 feet to a stake corner with this land and Parcel 1; thence North a new line 710 feet to a stake, corner with the right-of-way line of KY Hwy 52; thence East with right-of-way of KY Hwy 52 a distance of 366 feet to the point of beginning and containing 10.81 acres, more or less.

However First party retains for herself, for her lifetime from this tract being deeded to Rose D. Sparks and Carolyn S. Rankin, the following described property: Beginning at a point on the right-of-way line of KY Hwy 52 (said point being marked by post); thence South a yard fence, 198 feet to a stake corner; thence with yard fence West 177 feet to a corner marked with stake; thence North a new line 230 feet to a post in right of way line of said KY Hwy 52; thence East with right-of-way line to the point of beginning.

The above-described Exception being the same property this day deeded to Rose D. Sparks and Carolyn S. Rankin, a married woman, now of record in Deed Book, Page, Garrard County Clerk's Office.

Parcel 1 and Tract "1-a" and all Excepted tracts Being the same property originally conveyed to Elisha Sparks and Rose Sparks, his wife, by deed dated the 1st. day of January 1984, and of record in Deed Book 84, Page 81, Garrard County Court Clerk's Office, For Rose Sparks power to convey, reference is hereby made to the Last Will and Testament of Elisha Sparks now of record in Will Book 8, Page 307, Garrard County Court Clerk's Office, wherein Elisha Sparks devised his interest to Rose Sparks.

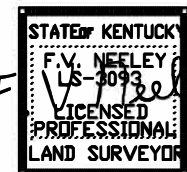
Parcel ID# 51-18

This being a portion of the property conveyed to Wanda Sparks Allen, single from Rose D. Sparks, widow, in a deed dated May 5, 2006, and recorded May 6, 2006, in Book D238, Page 115, of the Garrard County Kentucky Records.

**SURVEYOR'S STATEMENTS:**

I hereby certify to: Vertical Bridge REIT, LLC, a Delaware limited liability company, it's subsidiaries, and their respective successors and/or assigns, and (ii) Toronto Dominion (Texas) LLC, as Administrative Agent, for itself and on behalf of the lenders parties from time to time to that certain Second Amended And Restated Loan Agreement dated June 17, 2016 with Vertical Bridge Holdco, LLC, as borrower, and Vertical Bridge Holdco Parent, LLC, as parent, as may be amended, restated, modified or renewed their successors and assigns as their interests may appear; and Tower Title, LLC, that (i) the VB 500 II LLC Access and Utility Easement run to a confirmed public R.O.W., (ii) VB 500 II LLC's tower lease and easement areas lie entirely within the Parent Parcel(s), (iii) at the time of this survey, there were no encroachments affecting the Vertical Bridge VB 500 II LLC's Tower Lease or VB 500 II LLC Easement Areas.

*F. V. Neeley*  
Frank V. Neeley, Registered Land Surveyor  
State of Tennessee RLS # 1493.



PLOT DATE: AUGUST 14, 2023



SHARONDALE SURVEYING NC. 161 MARTIN ROAD BON AQUA, TN 37025 (615) 513-0032 E-Mail: Sharonda@bellsouth.net

VB 500 II LLC SITE SURVEY: KENTUCKY "HYATTSVILLE" TOWER SITE LOCATED IN: GARRARD COUNTY, KENTUCKY TOWER LEASE AREA SURVEY PREPARED FOR: VB 500 II LLC VB 500 II LLC SITE NUMBER: US-KY-5166

SHEET NUMBER:

2 OF 2

PROJECT NUMBER: 223.080.20

**NOTES:**

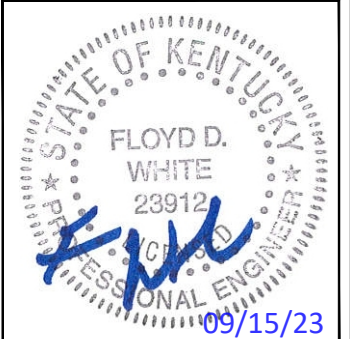
1. THIS DRAWING IS BASED ON A SITE SURVEY BY SHARONDALE SURVEYING, INC., DATED 08/14/2023. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET Z-003.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.



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	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818

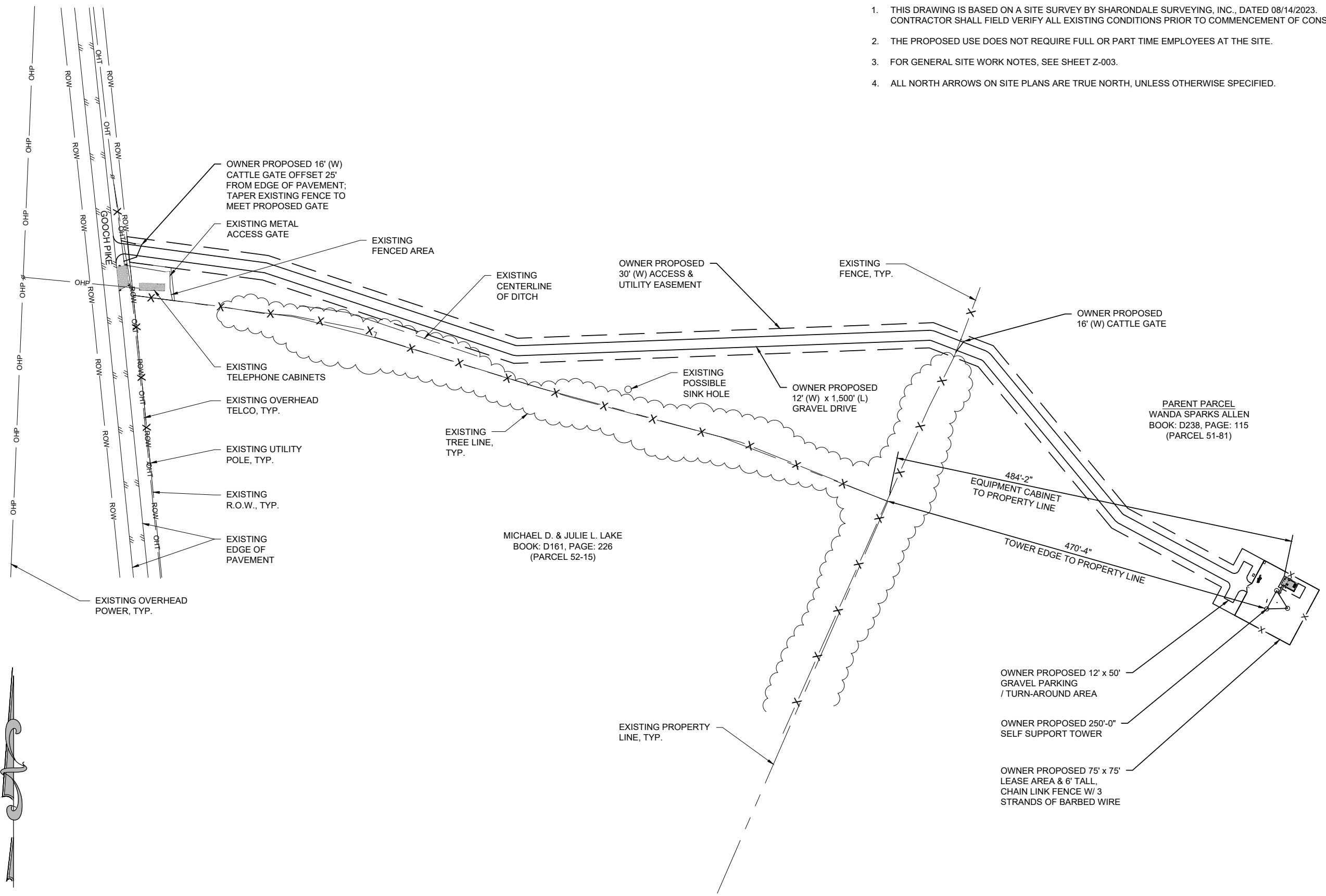


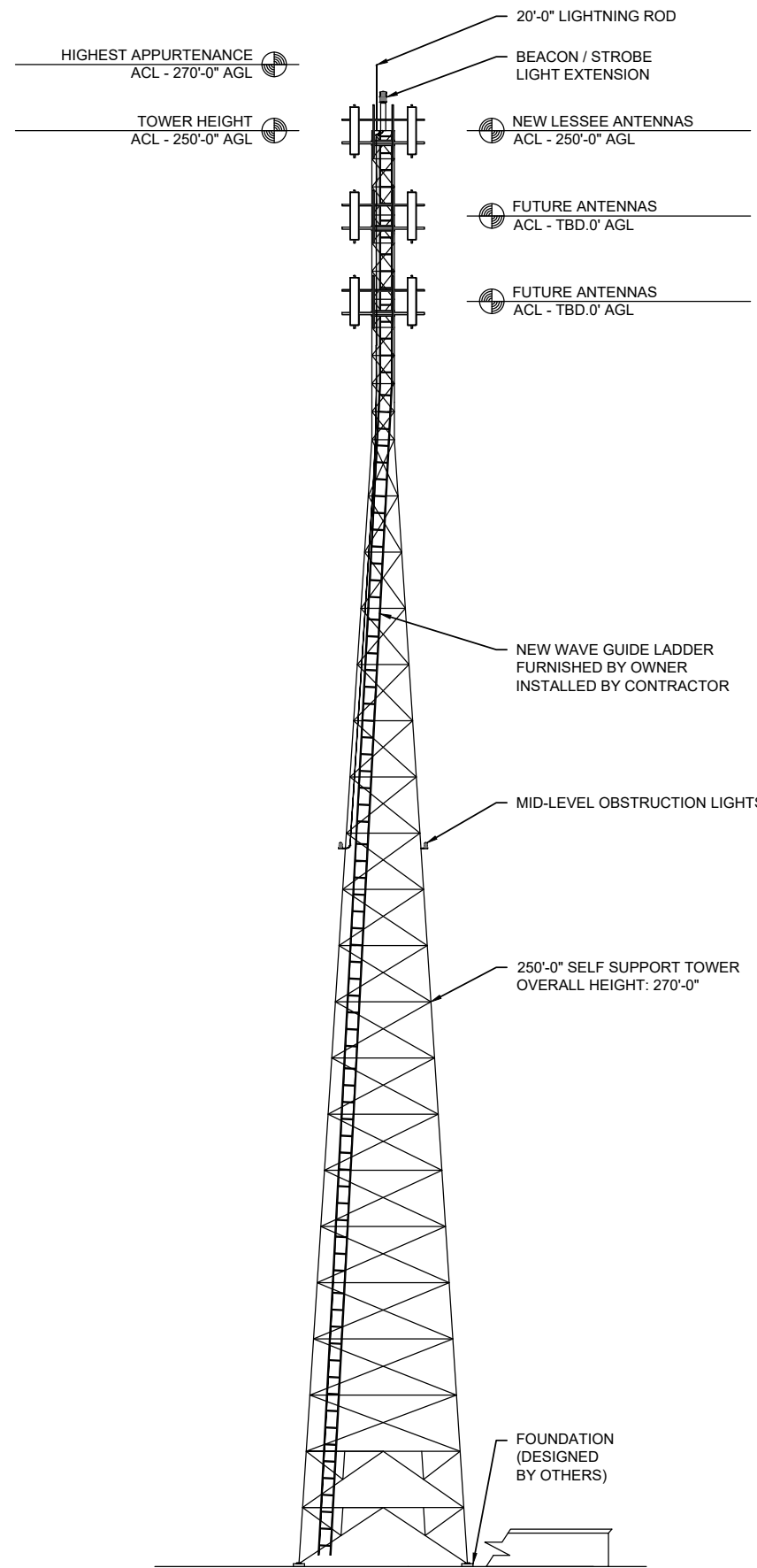
SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

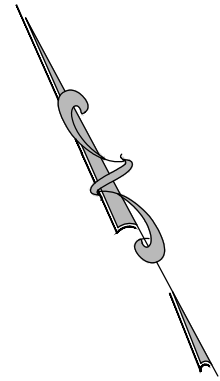
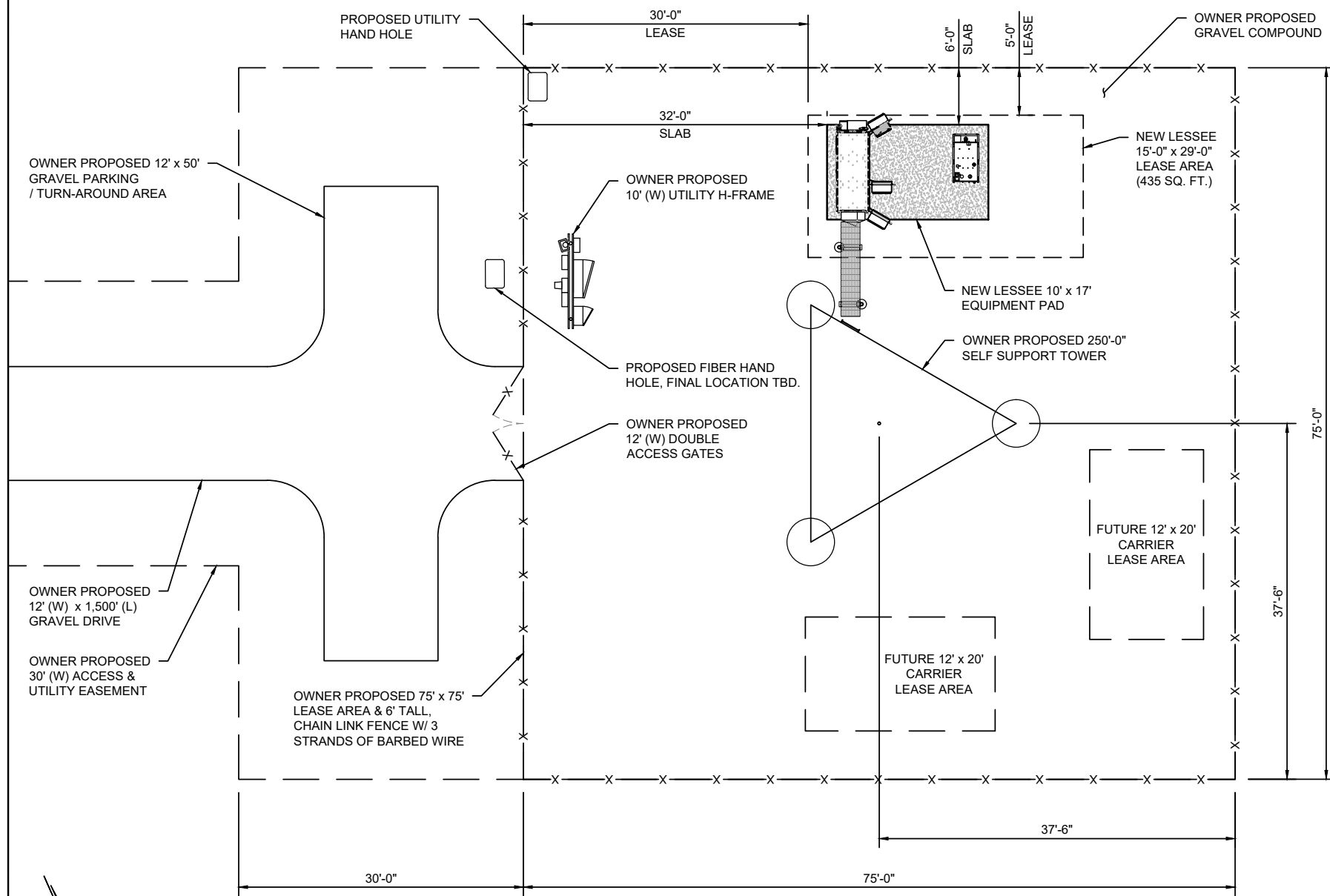
SHEET TITLE	OVERALL SITE LAYOUT PLAN
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SHEET NUMBER	Z-101	REVISION	0
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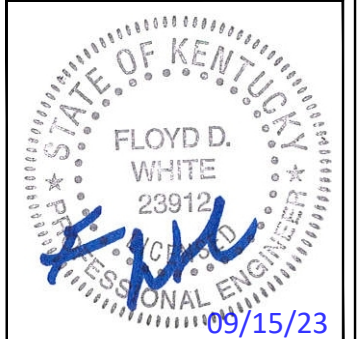
**TOWER ELEVATION**  
NTS



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	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818



SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

SHEET TITLE	SITE LAYOUT PLAN & TOWER ELEVATION
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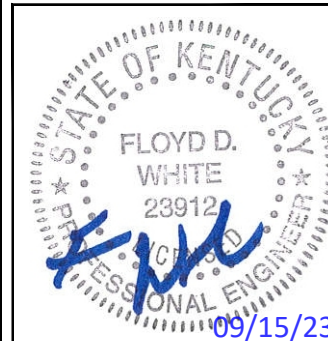
SHEET NUMBER	Z-102	REVISION	0
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DRAWN BY	CAD
CHECKED BY	CAE

REVISIONS			
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A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818



SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

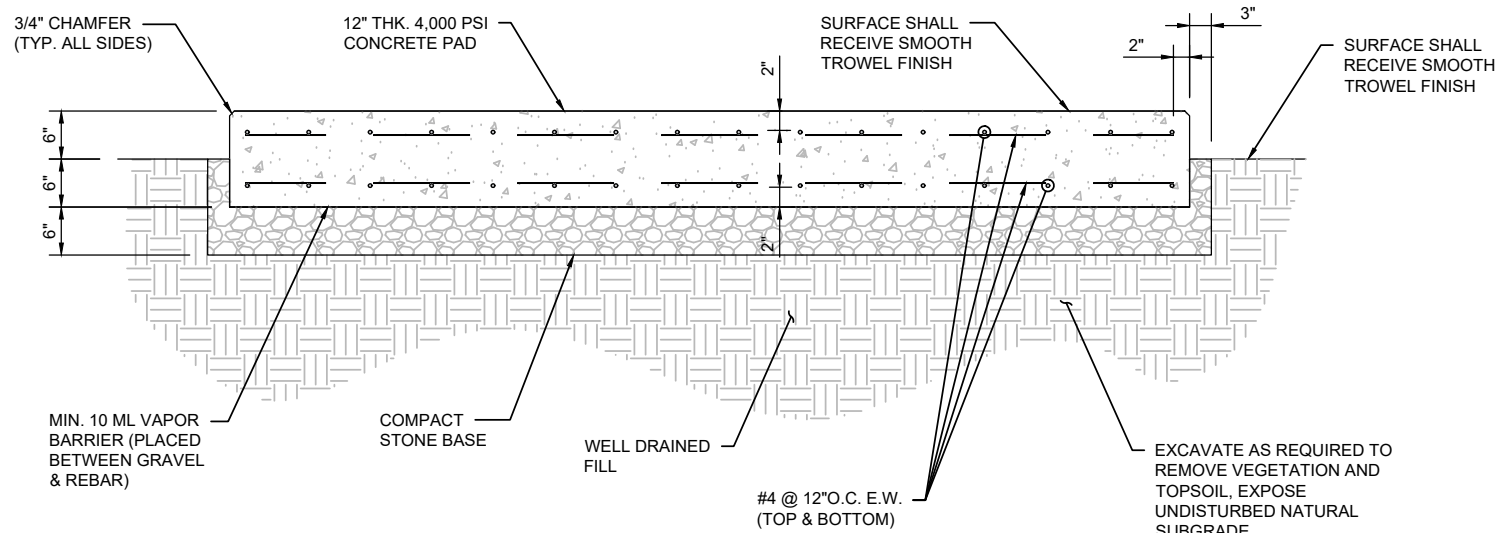
SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

SHEET TITLE	SITE DETAILS
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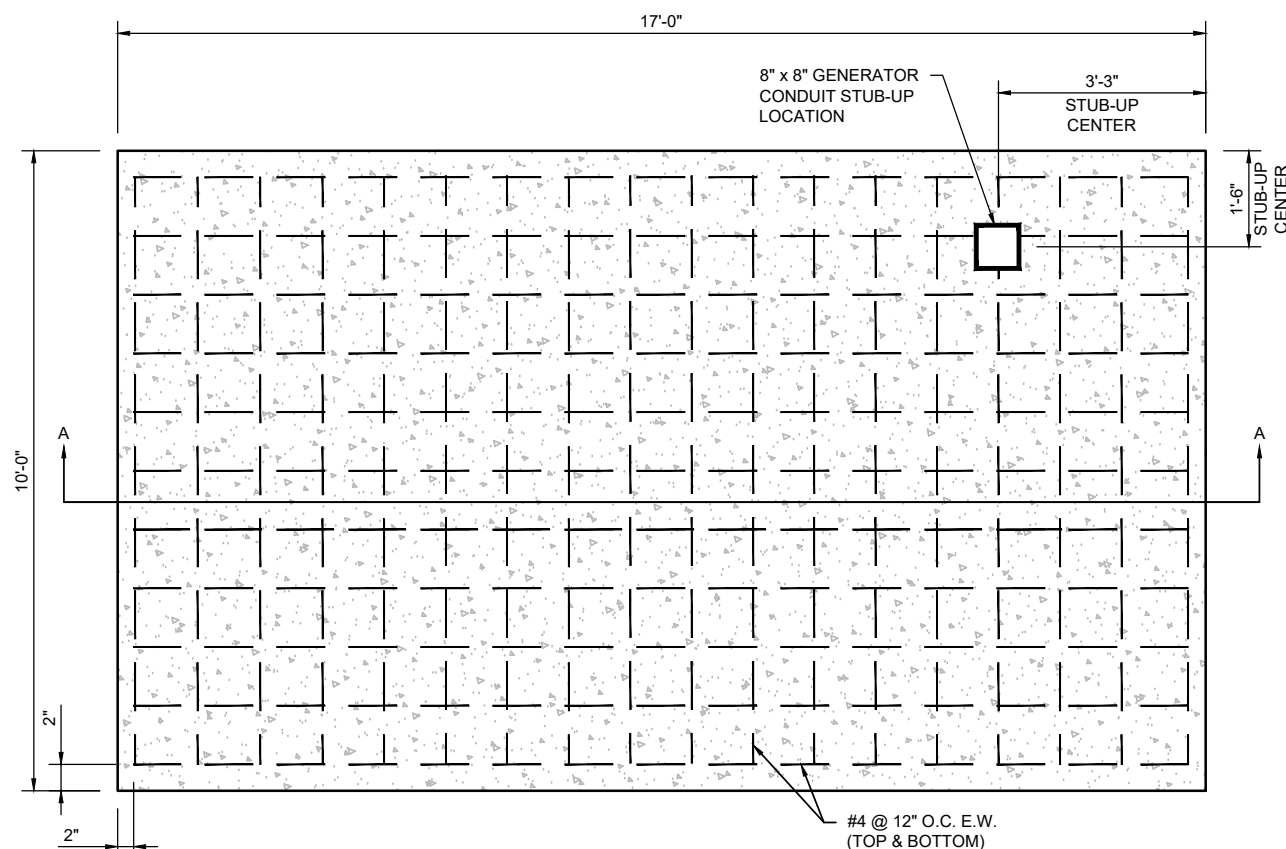
SHEET NUMBER	REVISION
Z-201	0

### CONCRETE PAD NOTES:

- REFER TO CIVIL DRAWINGS FOR ORIENTATION OF FOUNDATION.
- USE A HIGH-EARLY STRENGTH CONCRETE MIX SO THE CABINET MAY BE PLACED THREE DAYS FOLLOWING CONCRETE POURING. COARSE AGGREGATE USED IN THE CONCRETE SHALL BE GRADED FROM 3/4" TO NO. 4 ONLY. THE COMPRESSION STRENGTH OF THE CONCRETE MUST BE A MINIMUM OF 4000 PSI AS DETERMINED BY ASTM C39 TEST OF COMPRESSION STRENGTH OF CONCRETE CYLINDERS.
- CURE THE PAD FOR A MINIMUM OF THREE DAYS BEFORE CABINET INSTALLATION, OR PER SPECIFICATIONS FOR THE TYPE OF CONCRETE USED AND PER LOCAL CODES AND REQUIREMENTS.
- ALL CONCRETE SHALL HAVE 28 DAY STRENGTH OF 4000 PSI MINIMUM, WITH A SLUMP OF 3"-7" AND SHALL BE AIR ENTRAINED @ 5.5 ± 1.1%. 5 TEST CYLINDERS SHALL BE MADE FOR THE 3, 7, & (2) 28 DAY TESTS WITH ONE SPARE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A 185 FOR STEEL WELDED WIRE REINFORCEMENT UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD UNLESS NOTED OTHERWISE.
- CONTRACTOR TO ENSURE FOUNDATION / SLAB ARE POURED TO MEET FLATNESS LEVEL TOLERANCES AS INDICATED IN ACI 4.5.6 AND ACI 4.5.7.
- SLAB TOLERANCE IS ± 1/4".
- THIS FOUNDATION IS DESIGNED FOR 2,000 PSF ALLOWABLE SOIL BEARING CAPACITY.
- A CHAMFER, 3/4", SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- FOUNDATION BEARING MATERIAL SHALL BE TESTED & VERIFIED BY A LICENSED GEOTECHNICAL ENGINEER.
- GROUND REBAR TO GROUND RING IN (2) LOCATIONS USING #2 SOLID BARE TINNED COPPER GROUND WIRE.
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHORS, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO WWR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD OR APPROVED EQUAL.
- CONDUITS SHALL EXTEND APPROXIMATELY 2" ABOVE FINISHED SURFACE. SEAL CONDUITS TO PREVENT CONCRETE ENTRY DURING POUR.
- CONTRACTOR SHALL VERIFY THE PLACEMENT OF CONDUITS WITH THE ACTUAL ENCLOSURE KNOCK-OUT AND OR STUB-UP LOCATIONS TO ENSURE THE PROPER ALIGNMENT OF ALL CONDUITS.

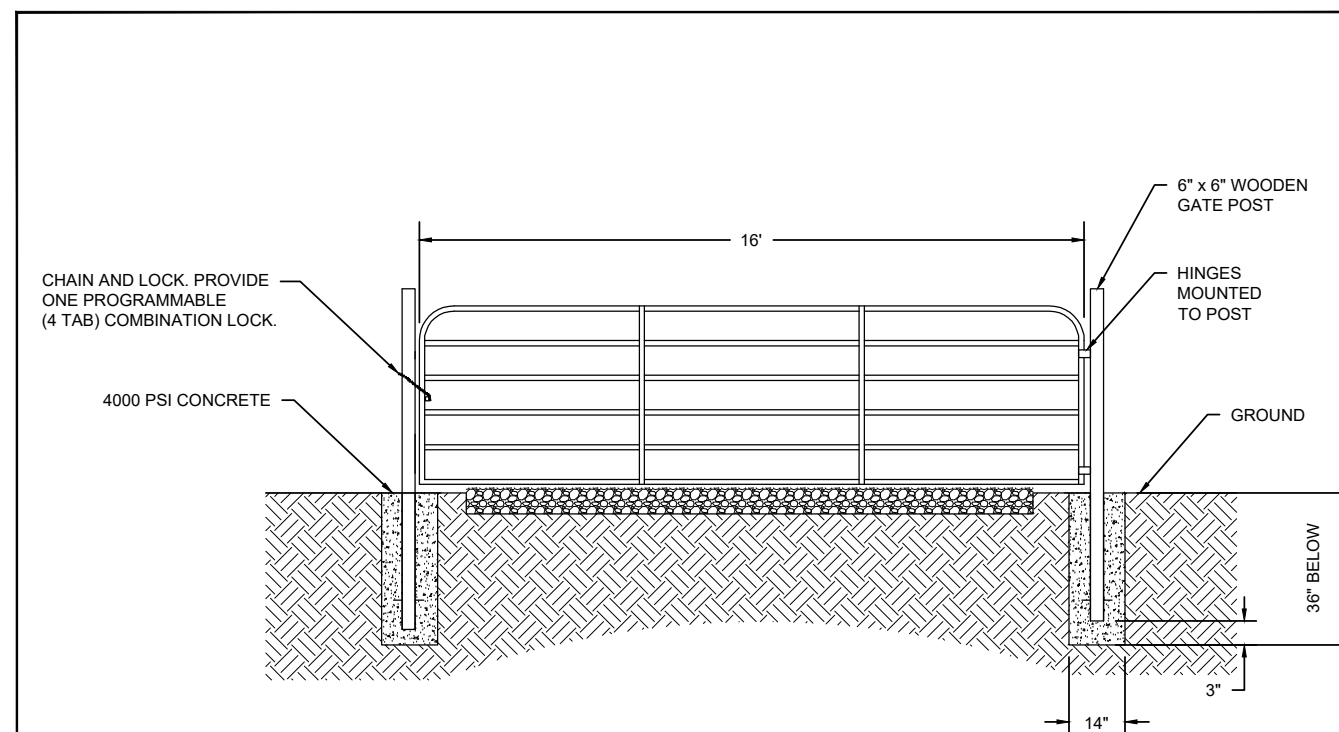


SECTION A-A



PLAN VIEW

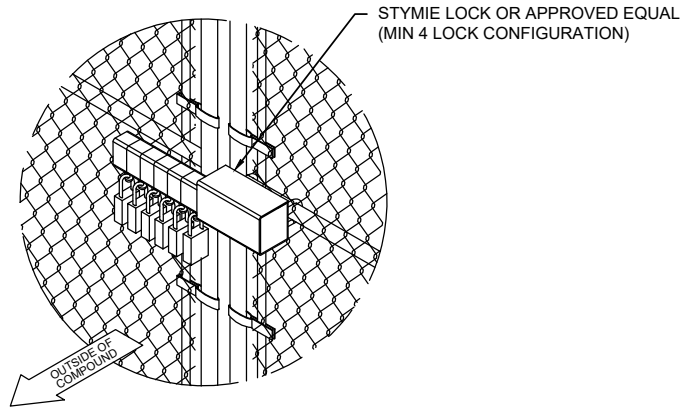
CONCRETE PAD FOUNDATION DETAIL ①  
NTS



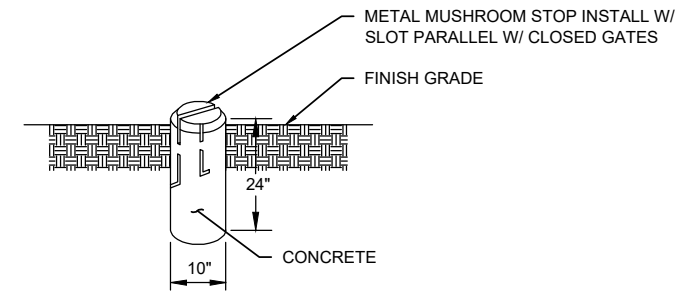
SINGLE "CATTLE" GATE DETAIL ②  
NTS

**TYPICAL WOVEN WIRE FENCING NOTES:**

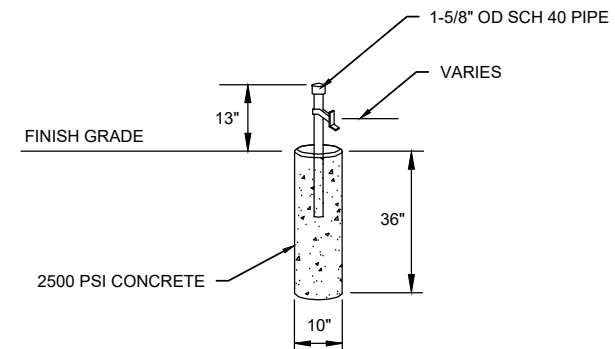
- (INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)
- GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 3"Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 7 FEET OR 14 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
  - LINE POST: 2"Ø SCHEDULE 40 PIPE PER ASTM-F1083. INSTALL EVERY 8'-0" ALONG FENCE LINE.
  - 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= 6' VERTICAL DIMENSION. WORK WITH SPECIFICATION 2831.



**FENCE LOCK DETAIL**  
NTS



**MUSHROOM STOP**  
NTS



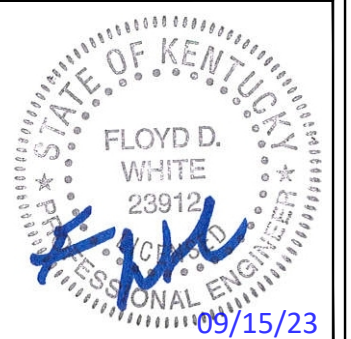
**GATE STOP DETAIL**  
NTS



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	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE



SITE NAME	HYATTSVILLE
FA NUMBER	15962818

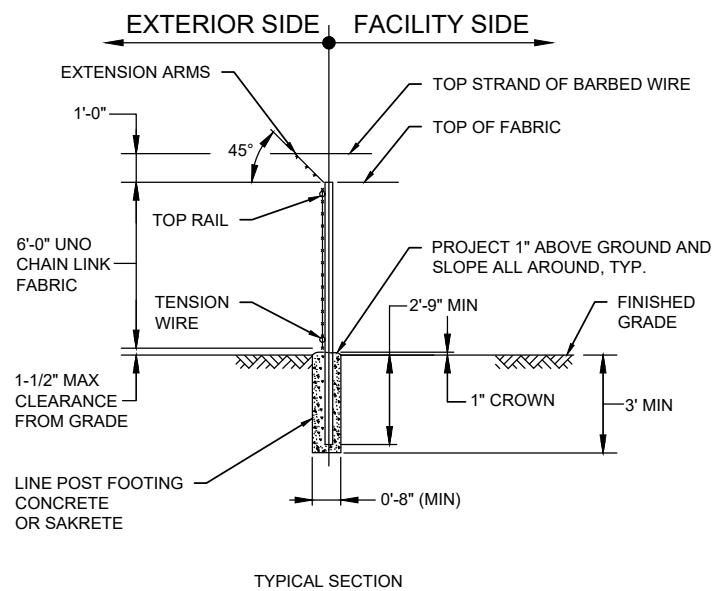


SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

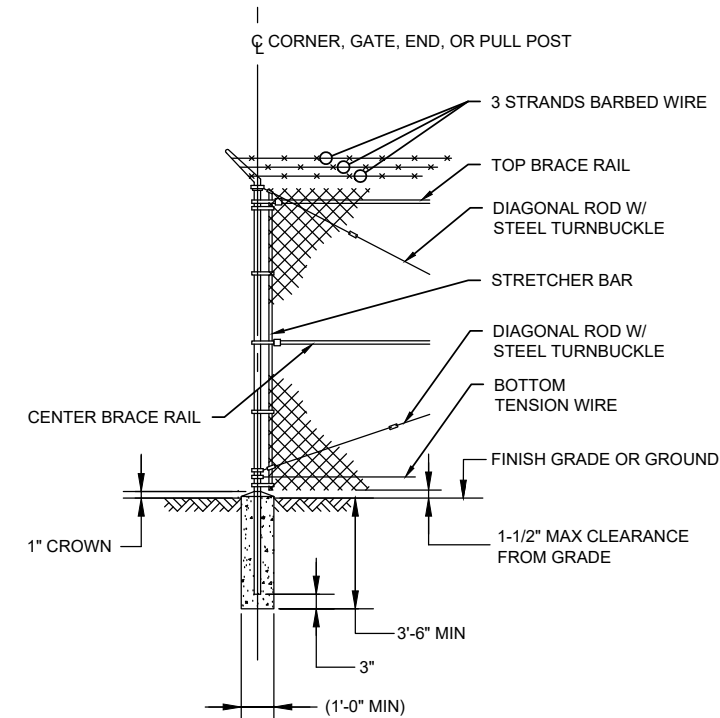
SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

SHEET TITLE	SITE DETAILS
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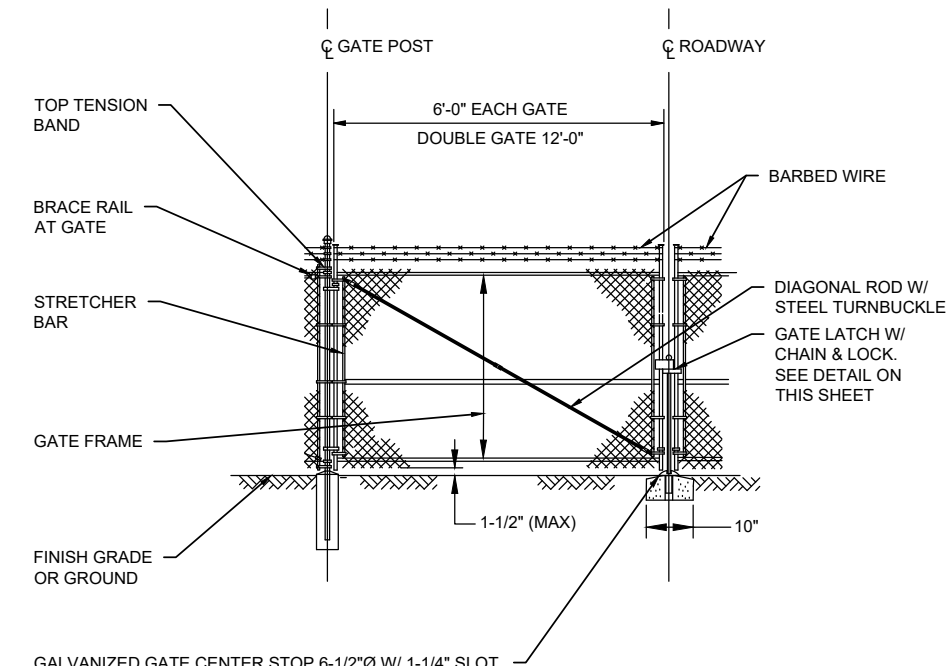
SHEET NUMBER	REVISION
Z-202	0



**WOVEN WIRE FENCE** ①  
NTS



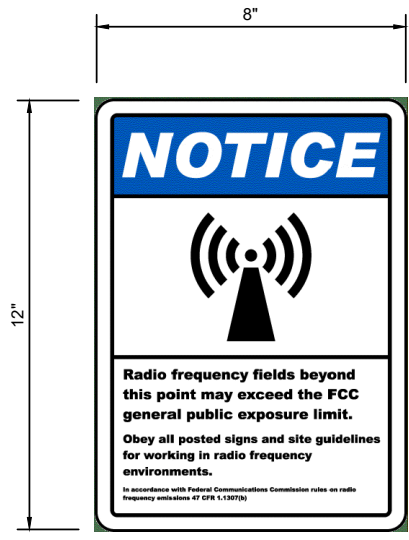
**WOVEN WIRE CORNER, GATE, END OR PULL POST** ②  
NTS



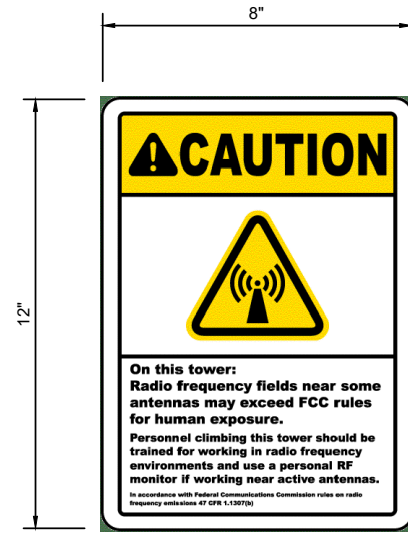
**WOVEN WIRE DOUBLE GATE** ③  
NTS



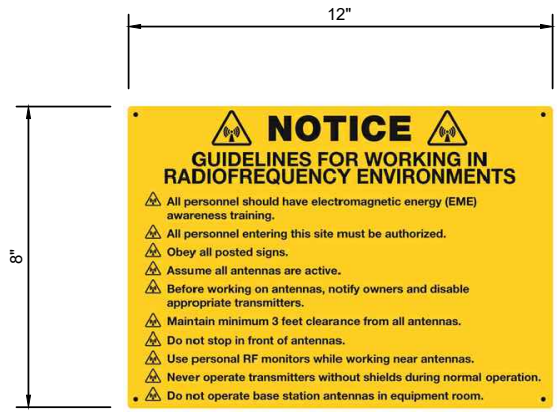
10" x 14"  
**NO TRESPASSING SIGN** ①  
 NTS



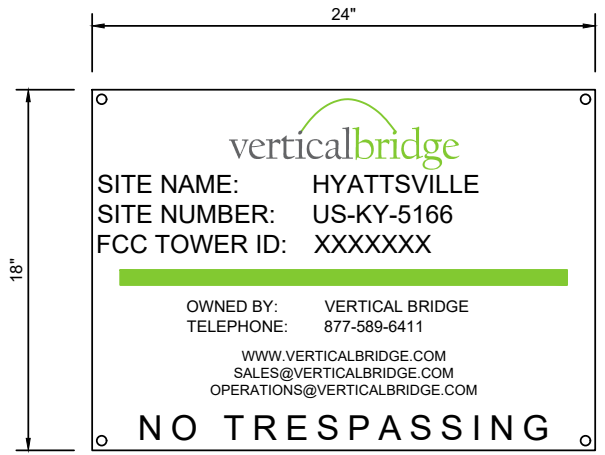
12" x 8"  
**RF GUIDELINES SIGN** ②  
 NTS



12" x 8"  
**RF GUIDELINES SIGN** ③  
 NTS



8" x 12"  
**RF GUIDELINES SIGN** ④  
 NTS

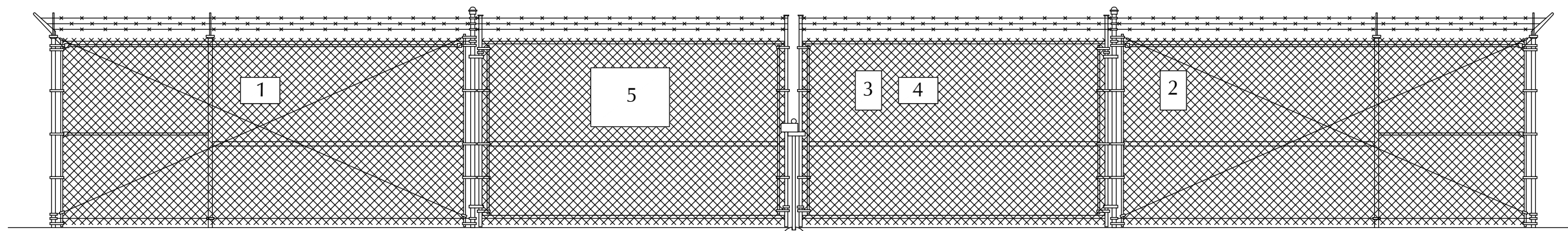
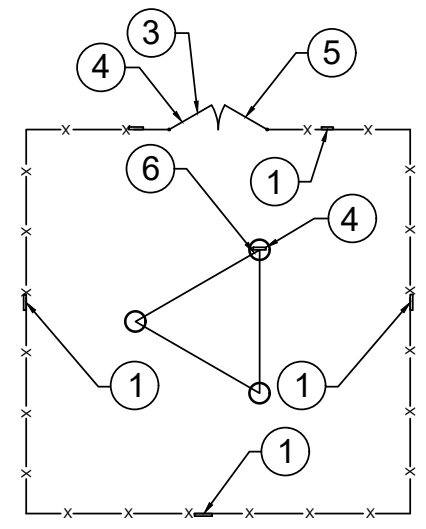


18" x 24"  
**SITE ID SIGN** ⑤  
 NTS



-WHEN REQUIRED, PLACE ON TOWER  
 -USE A DECAL ON MONOPOLE AND METAL SIGN ON SELF-SUPPORT TOWER OR GUYED TOWER  
 -LETTERS TO BE 3" MIN

ASR # SIGN ⑥  
 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	CAD
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	09/15/23	CAD	FINAL ISSUE
A	08/22/23	CAD	PRELIMINARY ISSUE

FOR REFERENCE ONLY



SITE NAME	HYATTSVILLE
FA NUMBER	15962818



SITE NAME	HYATTSVILLE
SITE NUMBER	US-KY-5166

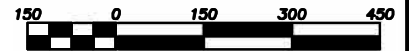
SITE ADDRESS	265 GOOCH PIKE PAINT LICK, KY 40461
SITE TYPE	RAWLAND

SHEET TITLE  
 SITE DETAILS

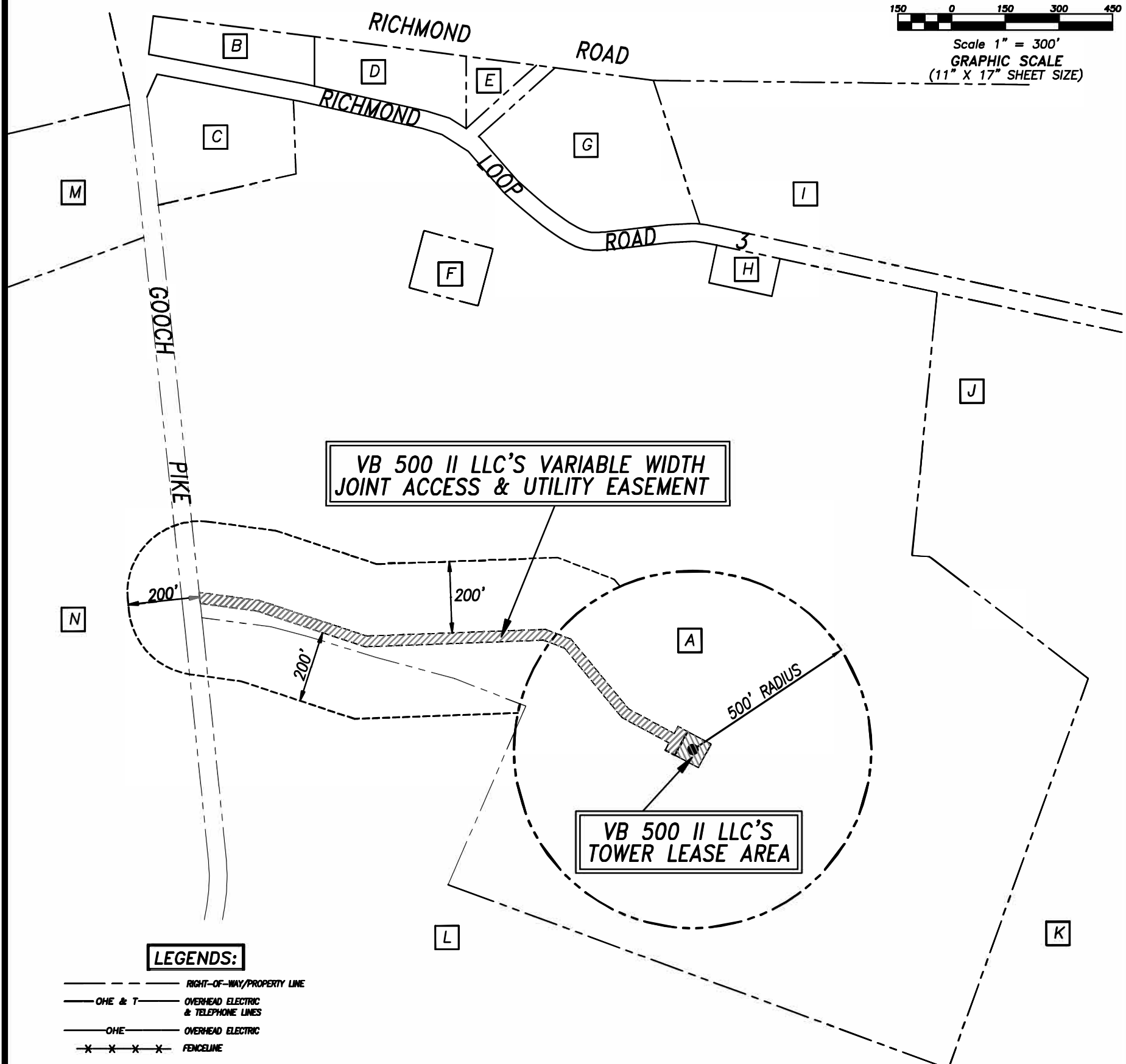
SHEET NUMBER	Z-203	REVISION	0
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KY SPC (SOUTH ZONE)  
NAD 83 GRID NORTH



Scale 1" = 300'  
GRAPHIC SCALE  
(11" X 17" SHEET SIZE)



**VB 500 II LLC'S VARIABLE WIDTH  
JOINT ACCESS & UTILITY EASEMENT**

**VB 500 II LLC'S  
TOWER LEASE AREA**

**LEGENDS:**

- RIGHT-OF-WAY/PROPERTY LINE
- OVERHEAD ELECTRIC & TELEPHONE LINES
- OVERHEAD ELECTRIC
- FENCELINE

**PARENT TAX PARCEL**

**A** WANDA SPARKS ALLEN  
TAX PARCEL 51-81  
815 RICHMOND LOOP ROAD 2  
LANCASTER, KY 40444

**ADJOINING TAX PARCELS**

- B** JEROME ISSACS  
TAX PARCEL 51-05.01  
1548 HURT LANE  
LANCASTER, KY 40444
- C** RAYMOND & SHARON ISSAC  
TAX PARCEL 51-88  
22 RICHMOND ROAD LOOP 3  
PAINT LICK, KY 40461
- D** JEROME ISSACS  
TAX PARCEL 51-05.01  
1548 HURT LANE  
LANCASTER, KY 40444
- E** DONALD & ARLENE MERRITT  
TAX PARCEL 51-04  
133 RAIL WAY  
LANCASTER, KY 40444
- E** DANNY & PAM BAKER  
TAX PARCEL 51-04T  
156 WALKER PIKE  
PAINT LICK, KY 40461
- E** RICHARD & ANGIE BOWMAN  
TAX PARCEL 51-04T2  
152 RAIL WAY  
LANCASTER, KY 40444
- F** CLARA & GARRETT ALLEN  
C/O WANDA ALLEN  
TAX PARCEL 51-84  
815 RICHMOND LOOP ROAD 2  
LANCASTER, KY 40444
- G** J & A INVESTMENTS LLC  
TAX PARCEL 51-83  
934 SIESTA DRIVE  
LANCASTER, KY 40444
- H** WANDA ALLEN, DAVID ALLEN  
TAX PARCEL 51-82  
815 RICHMOND ROAD LOOP 2  
LANCASTER, KY 40444
- I** WILLIS & ALICE PARKS  
TAX PARCEL 51-80  
479 RICHMOND ROAD LOOP 3  
PAINT LICK, KY 40461
- J** CHRISTY & SHAWN GOOSLIN  
TAX PARCEL 51-81.001  
512 RICHMOND ROAD LOOP 3  
PAINT LICK, KY 40461

- K** WAYNE & TAMARA DAY  
TAX PARCEL 52-07  
28 PROFIT ROAD  
PAINT LICK, KY 40461
- L** MICHAEL D. & JULIE L LAKE  
TAX PARCEL 52-15  
1175 RICHMOND ROAD LOOP 2  
LANCASTER, KY 40444
- M** GARY SHELL & TERRY SHELL BROWN  
TAX PARCEL 43-81.01  
3011 FALL LICK ROAD  
LANCASTER, KY 40444
- N** EDNA MAE TAULBEE  
TAX PARCEL 43-83  
110 BRISTOL PLACE  
WINCHESTER, KY 40391

**CERTIFICATION**

I HEREBY CERTIFY THAT THIS EXHIBIT PERTAINING TO THE ADJOINING PROPERTY OWNERS PER PMA RECORDS WAS PREPARED UNDER MY DIRECT SUPERVISION. NO BOUNDARY SURVEYING SERVICES HAVE BEEN REQUESTED OR PERFORMED IN THE PREPARATION OF THIS EXHIBIT.

F.V. Neeley AUGUST 19, 2023  
FRANK V. NEELEY, PLS #30831 DATE

**GENERAL NOTES:**

1. THIS MAP IS FOR GENERAL INFORMATION PURPOSES ONLY, AND IS NOT A BOUNDARY SURVEY DOCUMENT.
2. PARCEL NUMBERS SHOWN THUS (00), ARE OF RECORD IN THE TAX ASSESSOR'S OFFICE OF GERRARD COUNTY, KENTUCKY.
3. ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE LOGAN COUNTY, KENTUCKY, PROPERTY VALUATION ADMINISTRATION OFFICE ON AUGUST 18, 2023. THE PROPERTY VALUATION ADMINISTRATION OFFICE MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING RECORD FILES.
4. PROPERTY OWNERS:  
DONNIE D. & POLLY L. PORTER  
130 NATURE DRIVE  
RUSSELLVILLE, KY 42276  
PLOT DATE: SEPTEMBER 18, 2023

STATE OF KENTUCKY  
F.V. NEELEY  
LS-3093  
LICENSED PROFESSIONAL  
LAND SURVEYOR

<p>PROJECT NUMBER: <b>223.080.20</b></p>	<p>SHEET NUMBER: <b>1 OF 1</b></p>	<p><b>500' RADIUS &amp; ABUTTERS' MAP</b> TAX PARCEL 051-81 PROPERTY VALUATION ADMINISTRATOR'S OFFICE LANCASTER, GARRARD COUNTY, KENTUCKY PREPARED FOR: VB 500 II LLC WANDA SPARKS ALLEN, PROPERTY OWNER</p>	<p>SHARONDALE SURVEYING NC. 161 MARTIN ROAD BON AQUA, TN 37025 (615) 513-0032 E-Mail: Sharonda@bellsouth.net</p>	
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**EXHIBIT C**  
**TOWER AND FOUNDATION DESIGN**

## **Hyattsville – List of Qualified Professionals**

Floyd D. White  
Professional Engineer  
Kentucky License 23912  
Gen 7 Engineering  
8807 Consolidated Drive  
Soddy Daisy, TN 37379

Brad R. Milanowski  
Professional Engineer  
Kentucky License 25311  
B+T Group  
1717 S Boulder Ave, Suite 300  
Tulsa, OK 74119

Joseph V. Borrelli, Jr.  
Professional Engineer  
Kentucky License 30809  
Delta Oaks Group  
4904 Professional Court, Second Floor  
Raleigh, NC 27609

Sarah Russek  
P.E. Project Engineer  
Delta Oaks Group  
4904 Professional Court, Second Floor  
Raleigh, NC 27609

Frank V. Neeley  
Licensed Professional Land Surveyor  
License No. 3093  
Sharondale Surveying Inc.  
161 Martin Road  
Bon Aqua, TN 37025

Adam Johnson,  
Construction Manager  
VB 500 II, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, FL 33487

Sherri Lewis  
RF Engineer  
1025 Lenox Park Blvd. NE,  
3rd Floor  
Atlanta, GA 30319



September 22, 2023

Kentucky Public Service Commission  
211 Sower Blvd.  
P.O. Box 615  
Frankfort, KY 40602-0615

RE: Site Name – Hyattsville (US-KY-5166)  
Proposed Cell Tower  
37° 35' 17.63" North Latitude, 84° 29' 39.61" West Longitude

Dear Commissioners:

The Construction Manager for the proposed new communications facility will be Adam Johnson. His contact information is (843) 817-8279 or [adam.johnson@verticalbridge.com](mailto:adam.johnson@verticalbridge.com)

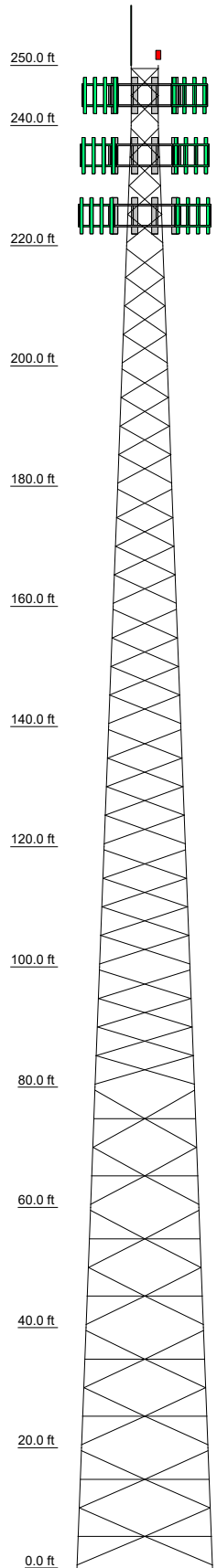
Adam has been in the industry completing civil construction and constructing towers since 2017. He has worked at Vertical Bridge since 2017 completing project and construction management on new site build projects.

Thank you,

A handwritten signature in black ink, appearing to read "Adam Johnson", is written in a cursive style.

Adam Johnson, Construction Manager – KY/TN/NC/SC/VA Market  
VB 500 II, LLC  
(843) 817-8279

Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	
Legs	SR 1 3/4	SR 2	SR 2 1/2	SR 2 3/4	SR 3 1/4	SR 3 1/2	SR 3 3/4	SR 3 3/4	SR 4	SR 4 1/4	SR 4 1/4	SR 4 1/2	SR 4 1/2	
Leg Grade														
Diagonals	L1 3/4x1 3/4x3/16													
Diagonal Grade														
Top Girts														
Horizontals														
Inner Bracing														
Face Width (ft)	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	
# Panels @ (ft)	2 @ 4.5	1.0	1.5	1.9	2.5	2.6	3.2	3.6	4.5	4.6	5.1	5.4	6.3	42.6
Weight (K)														



**DESIGNED APPURTENANCE LOADING**

TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod 1"x20'	250	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	235
Top Beacon	250	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 2)	235
Sector1(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	245	Sector1(CaAa=10000 Sq.in)No Ice (Carrier 3)	225
Sector2(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	245	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	225
Sector3(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	245	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	225
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	235		

**SYMBOL LIST**

MARK	SIZE	MARK	SIZE
A	L1 3/4x1 3/4x3/16	B	2L1 3/4x1 3/4x3/16x3/8

**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A529-50	50 ksi	65 ksi	A36M-50	50 ksi	65 ksi

**TOWER DESIGN NOTES**

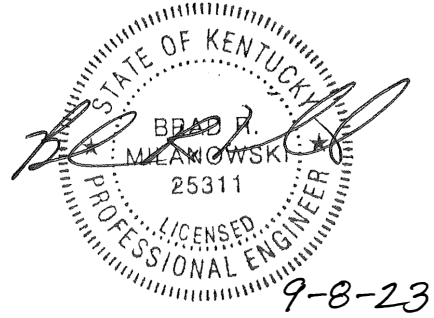
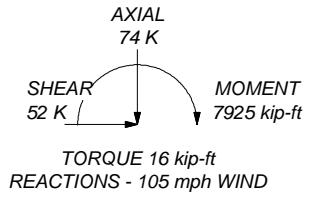
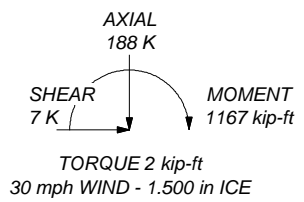
1. Tower is located in Garrard County, Kentucky.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 105 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 30 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity.



ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:  
DOWN: 431 K  
SHEAR: 31 K

UPLIFT: -367 K  
SHEAR: 28 K

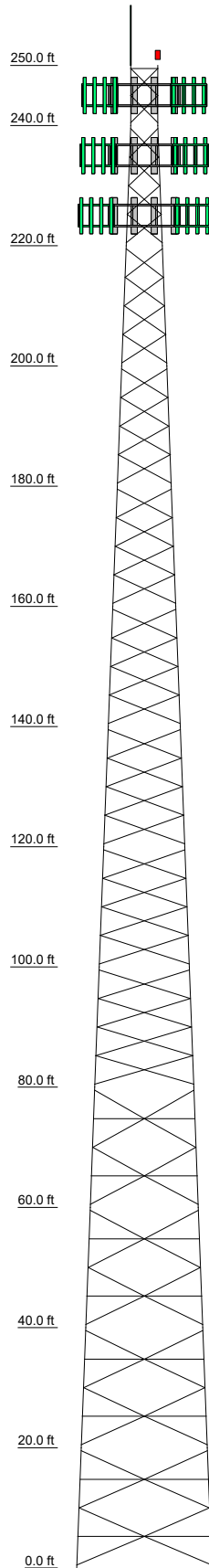


**B+T Group**  
1717 S Boulder Ave, Suite 300  
Tulsa, OK 74119  
Phone: (918) 587-4630  
FAX: (918) 295-0265

Job:	<b>ATS # A428 - Hyattsville (Site# US-KY-5166)</b>		
Project:	<b>250' SST /37.5882296, -84.494309</b>		
Client:	Vertical Bridge	Drawn by:	jjohnson
Code:	TIA-222-H	Date:	09/08/23
Path:		App'd:	
		Scale:	NTS
		Dwg No.	E-1

© Projects\Arcosa Telecom Structures\169032\_A428\_Hyattsville\Engineering\Tower\001\169032\_001\_01\_250SST\_Hyattsville.dwg

Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	
Legs	SR 1 3/4	SR 2	SR 2 1/2	SR 2 3/4	SR 3 1/4	SR 3 1/2	SR 3 3/4	SR 3 3/4	SR 4	SR 4 1/4	SR 4 1/4	SR 4 1/2	SR 4 1/2	
Leg Grade														
Diagonals	L1 3/4x1 3/4x3/16													
Diagonal Grade														
Top Girts														
Horizontals														
Inner Bracing														
Face Width (ft)	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	
# Panels @ (ft)	2 @ 4.5						48 @ 4.75							
Weight (K)	0.4	1.0	1.5	1.9	2.5	2.6	3.2	3.6	4.5	4.6	5.1	5.4	6.3	42.6



### DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod 1"x20'	250	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	235
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Sector2(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	245	Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	225
Sector3(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	245	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	225
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	235	Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	225

### SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	L1 3/4x1 3/4x3/16	B	2L1 3/4x1 3/4x3/16x3/8

### MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A529-50	50 ksi	65 ksi	A36M-50	50 ksi	65 ksi

### TOWER DESIGN NOTES

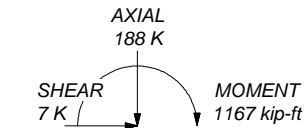
1. Tower is located in Garrard County, Kentucky.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 105 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 30 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity.

ALL REACTIONS  
ARE FACTORED

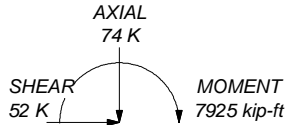
MAX. CORNER REACTIONS AT BASE:

DOWN: 431 K  
SHEAR: 31 K

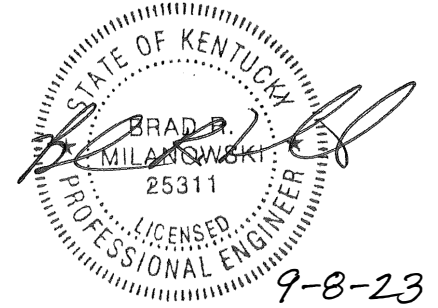
UPLIFT: -367 K  
SHEAR: 28 K



TORQUE 2 kip-ft  
30 mph WIND - 1.500 in ICE



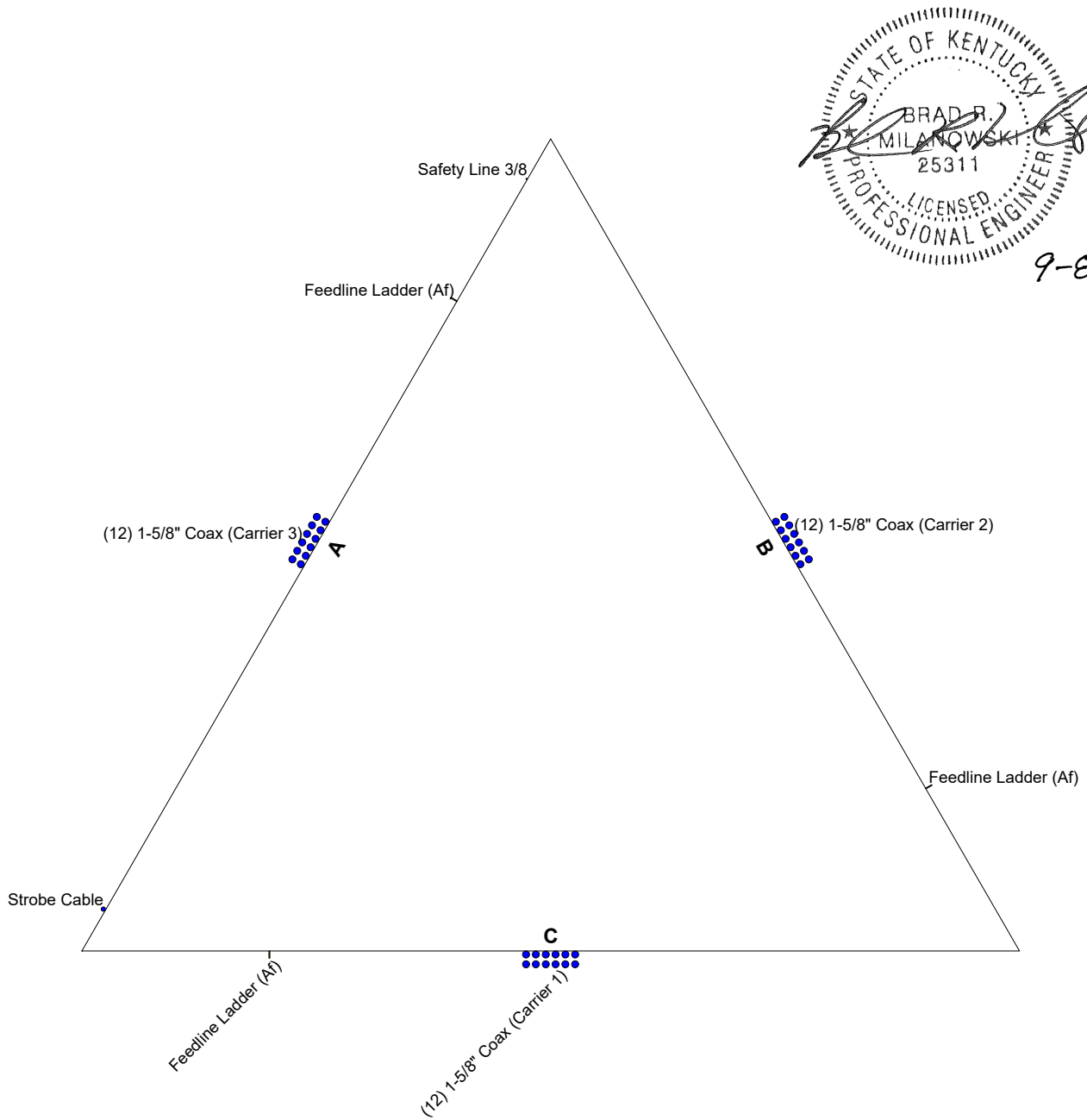
TORQUE 16 kip-ft  
REACTIONS - 105 mph WIND



**B+T Group**  
1717 S Boulder Ave, Suite 300  
Tulsa, OK 74119  
Phone: (918) 587-4630  
FAX: (918) 295-0265

Job:	<b>ATS # A428 - Hyattsville (Site# US-KY-5166)</b>	
Project:	<b>250' SST /37.5882296, -84.494309</b>	
Client:	Vertical Bridge	App'd:
Code:	TIA-222-H	Scale:
Path:		Dwg No.
		E-1

# Feed Line Plan



9-8-23



**B+T Group**  
 1717 S Boulder Ave, Suite 300  
 Tulsa, OK 74119  
 Phone: (918) 587-4630  
 FAX: (918) 295-0265

Job: <b>ATS # A428 - Hyattsville (Site# US-KY-5166)</b>		
Project: <b>250' SST /37.5882296, -84.494309</b>		
Client: Vertical Bridge	Drawn by: jjohnson	App'd:
Code: TIA-222-H	Date: 09/08/23	Scale: NTS
Path:	Dwg No. E-7	

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 1 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

## Tower Input Data

The main tower is a 3x free standing tower with an overall height of 250.000 ft above the ground line.

The base of the tower is set at an elevation of 0.000 ft above the ground line.

The face width of the tower is 4.500 ft at the top and 22.500 ft at the base.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

Tower is located in Garrard County, Kentucky.

Tower base elevation above sea level: 1024.000 ft.

Basic wind speed of 105 mph.

Risk Category II.

Exposure Category C.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.000 ft.

Nominal ice thickness of 1.500 in.

Ice thickness is considered to increase with height.

Ice density of 56.000 pcf.

A wind speed of 30 mph is used in combination with ice.

Temperature drop of 50.000 °F.

Deflections calculated using a wind speed of 60 mph.

Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in tower member design is 1.

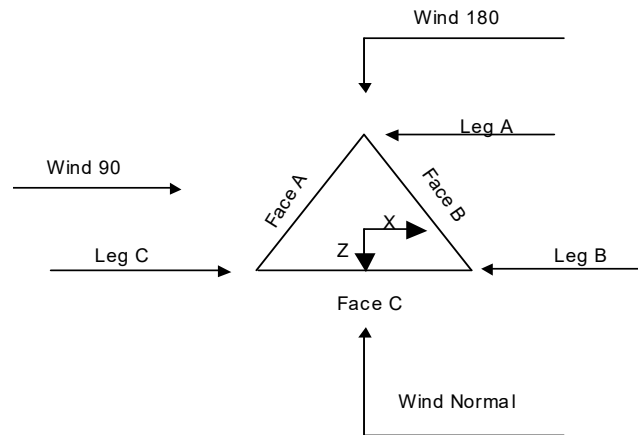
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Options

<ul style="list-style-type: none"> <li>Consider Moments - Legs</li> <li>Consider Moments - Horizontals</li> <li>Consider Moments - Diagonals</li> <li>Use Moment Magnification</li> <li>√ Use Code Stress Ratios</li> <li>√ Use Code Safety Factors - Guys</li> <li>Escalate Ice</li> <li>Always Use Max Kz</li> <li>Use Special Wind Profile</li> <li>√ Include Bolts In Member Capacity</li> <li>√ Leg Bolts Are At Top Of Section</li> <li>√ Secondary Horizontal Braces Leg</li> <li>Use Diamond Inner Bracing (4 Sided)</li> <li>SR Members Have Cut Ends</li> <li>SR Members Are Concentric</li> </ul>	<ul style="list-style-type: none"> <li>Distribute Leg Loads As Uniform</li> <li>Assume Legs Pinned</li> <li>√ Assume Rigid Index Plate</li> <li>√ Use Clear Spans For Wind Area</li> <li>√ Use Clear Spans For KL/r</li> <li>Retension Guys To Initial Tension</li> <li>√ Bypass Mast Stability Checks</li> <li>√ Use Azimuth Dish Coefficients</li> <li>√ Project Wind Area of Appurt.</li> <li>Autocalc Torque Arm Areas</li> <li>Add IBC .6D+W Combination</li> <li>√ Sort Capacity Reports By Component</li> <li>Triangulate Diamond Inner Bracing</li> <li>Treat Feed Line Bundles As Cylinder</li> <li>Ignore KL/ry For 60 Deg. Angle Legs</li> </ul>	<ul style="list-style-type: none"> <li>Use ASCE 10 X-Brace Ly Rules</li> <li>√ Calculate Redundant Bracing Forces</li> <li>Ignore Redundant Members in FEA</li> <li>√ SR Leg Bolts Resist Compression</li> <li>All Leg Panels Have Same Allowable</li> <li>Offset Girt At Foundation</li> <li>√ Consider Feed Line Torque</li> <li>√ Include Angle Block Shear Check</li> <li>Use TIA-222-H Bracing Resist. Exemption</li> <li>Use TIA-222-H Tension Splice Exemption</li> </ul> <div style="background-color: #e0e0e0; text-align: center; padding: 2px;">Poles</div> <ul style="list-style-type: none"> <li>Include Shear-Torsion Interaction</li> <li>Always Use Sub-Critical Flow</li> <li>Use Top Mounted Sockets</li> <li>Pole Without Linear Attachments</li> <li>Pole With Shroud Or No Appurtenances</li> <li>Outside and Inside Corner Radii Are Known</li> </ul>
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<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 2 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson



**Triangular Tower**

### Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	250.000-240.000			4.500	1	10.000
T2	240.000-220.000			4.500	1	20.000
T3	220.000-200.000			6.000	1	20.000
T4	200.000-180.000			7.500	1	20.000
T5	180.000-160.000			9.000	1	20.000
T6	160.000-140.000			10.500	1	20.000
T7	140.000-120.000			12.000	1	20.000
T8	120.000-100.000			13.500	1	20.000
T9	100.000-80.000			15.000	1	20.000
T10	80.000-60.000			16.500	1	20.000
T11	60.000-40.000			18.000	1	20.000
T12	40.000-20.000			19.500	1	20.000
T13	20.000-0.000			21.000	1	20.000

### Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T1	250.000-240.000	4.500	X Brace	No	No	6.000	6.000
T2	240.000-220.000	4.750	X Brace	No	No	6.000	6.000
T3	220.000-200.000	4.750	X Brace	No	No	6.000	6.000
T4	200.000-180.000	4.750	X Brace	No	No	6.000	6.000
T5	180.000-160.000	4.750	X Brace	No	No	6.000	6.000
T6	160.000-140.000	4.750	X Brace	No	No	6.000	6.000
T7	140.000-120.000	4.750	X Brace	No	No	6.000	6.000
T8	120.000-100.000	4.750	X Brace	No	No	6.000	6.000

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Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T9	100.000-80.000	4.750	X Brace	No	No	6.000	6.000
T10	80.000-60.000	4.750	Double K	No	Yes	6.000	6.000
T11	60.000-40.000	4.750	Double K	No	Yes	6.000	6.000
T12	40.000-20.000	4.750	Double K	No	Yes	6.000	6.000
T13	20.000-0.000	4.750	Double K	No	Yes	6.000	6.000

### Tower Section Geometry (cont'd)

Tower Elevation	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
ft						
T1 250.000-240.000	Solid Round	1 3/4	A529-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T2 240.000-220.000	Solid Round	2	A529-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T3 220.000-200.000	Solid Round	2 1/2	A529-50 (50 ksi)	Equal Angle	L2x2x3/16	A36M-50 (50 ksi)
T4 200.000-180.000	Solid Round	2 3/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T5 180.000-160.000	Solid Round	3 1/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T6 160.000-140.000	Solid Round	3 1/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T7 140.000-120.000	Solid Round	3 1/2	A529-50 (50 ksi)	Equal Angle	L3x3x3/16	A36M-50 (50 ksi)
T8 120.000-100.000	Solid Round	3 3/4	A529-50 (50 ksi)	Equal Angle	L3x3x3/16	A36M-50 (50 ksi)
T9 100.000-80.000	Solid Round	4	A529-50 (50 ksi)	Equal Angle	L3x3x1/4	A36M-50 (50 ksi)
T10 80.000-60.000	Solid Round	4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T11 60.000-40.000	Solid Round	4 1/4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T12 40.000-20.000	Solid Round	4 1/4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T13 20.000-0.000	Solid Round	4 1/2	A529-50 (50 ksi)	Double Angle	2L3x3x3/16x3/8	A36M-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
ft						
T1 250.000-240.000	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)	Solid Round		A529-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
ft							
T10 80.000-60.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L1 3/4x1 3/4x3/16x3/8	A36M-50 (50 ksi)
T11 60.000-40.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2x2x3/16x3/8	A36M-50 (50 ksi)

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T12 40.000-20.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T13 20.000-0.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation ft	Secondary Horizontal Type	Secondary Horizontal Size	Secondary Horizontal Grade	Inner Bracing Type	Inner Bracing Size	Inner Bracing Grade
T10 80.000-60.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T11 60.000-40.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T12 40.000-20.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T13 20.000-0.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation ft	Gusset Area (per face) ft <sup>2</sup>	Gusset Thickness in	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
T1 250.000-240.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T2 240.000-220.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T3 220.000-200.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T4 200.000-180.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T5 180.000-160.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T6 160.000-140.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T7 140.000-120.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T8 120.000-100.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T9 100.000-80.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T10 80.000-60.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T11 60.000-40.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T12 40.000-20.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T13 20.000-0.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000





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### Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1	Flange	0.000	0	0.625	1	0.625	1	0.000	0	0.625	0	0.000	0	0.625	0
250.000-240.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T2	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
240.000-220.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T3	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
220.000-200.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T4	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
200.000-180.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T5	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
180.000-160.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T6	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
160.000-140.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T7	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
140.000-120.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T8	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
120.000-100.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T9	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
100.000-80.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T10	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
80.000-60.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T11	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
60.000-40.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T12	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
40.000-20.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T13	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
20.000-0.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	

### Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
1-5/8" Coax (Carrier 1) **	C	No	No	Ar (CaAa)	245.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
1-5/8" Coax (Carrier 2) **	B	No	No	Ar (CaAa)	235.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
1-5/8" Coax (Carrier 3) **	A	No	No	Ar (CaAa)	225.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
Safety Line 3/8	A	No	No	Ar (CaAa)	250.000 - 10.000	0.000	0.45	1	1	0.375	0.375		0.000
Strobe Cable **	A	No	No	Ar (CaAa)	250.000 - 10.000	0.000	-0.45	1	1	1.250	1.250		0.001
Feedline Ladder (Af) **	C	No	No	Af (CaAa)	245.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008
Feedline Ladder (Af)	B	No	No	Af (CaAa)	235.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008
Feedline Ladder (Af) **	A	No	No	Af (CaAa)	225.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008

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	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

### Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C <sub>AA</sub> ft <sup>2</sup> /ft	Weight klf
**								

### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
T1	250.000-240.000	A	0.000	0.000	1.625	0.000	0.009
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	12.088	0.000	0.091
T2	240.000-220.000	A	0.000	0.000	15.338	0.000	0.110
		B	0.000	0.000	36.265	0.000	0.274
		C	0.000	0.000	48.353	0.000	0.365
T3	220.000-200.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T4	200.000-180.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T5	180.000-160.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T6	160.000-140.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T7	140.000-120.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T8	120.000-100.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T9	100.000-80.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T10	80.000-60.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T11	60.000-40.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T12	40.000-20.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T13	20.000-0.000	A	0.000	0.000	25.802	0.000	0.192
		B	0.000	0.000	24.177	0.000	0.182
		C	0.000	0.000	24.177	0.000	0.182

### Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
T1	250.000-240.000	A	1.833	0.000	0.000	8.957	0.000	0.128

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	9 of 28
	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	15.188	0.000	0.361
T2	240.000-220.000	A	1.821	0.000	0.000	32.979	0.000	0.612
		B		0.000	0.000	45.474	0.000	1.079
		C		0.000	0.000	60.632	0.000	1.438
T3	220.000-200.000	A	1.805	0.000	0.000	78.147	0.000	1.679
		B		0.000	0.000	60.457	0.000	1.429
		C		0.000	0.000	60.457	0.000	1.429
T4	200.000-180.000	A	1.787	0.000	0.000	77.813	0.000	1.665
		B		0.000	0.000	60.267	0.000	1.420
		C		0.000	0.000	60.267	0.000	1.420
T5	180.000-160.000	A	1.767	0.000	0.000	77.446	0.000	1.651
		B		0.000	0.000	60.058	0.000	1.409
		C		0.000	0.000	60.058	0.000	1.409
T6	160.000-140.000	A	1.745	0.000	0.000	77.038	0.000	1.634
		B		0.000	0.000	59.826	0.000	1.398
		C		0.000	0.000	59.826	0.000	1.398
T7	140.000-120.000	A	1.720	0.000	0.000	76.577	0.000	1.616
		B		0.000	0.000	59.564	0.000	1.385
		C		0.000	0.000	59.564	0.000	1.385
T8	120.000-100.000	A	1.692	0.000	0.000	76.048	0.000	1.595
		B		0.000	0.000	59.263	0.000	1.370
		C		0.000	0.000	59.263	0.000	1.370
T9	100.000-80.000	A	1.658	0.000	0.000	75.425	0.000	1.571
		B		0.000	0.000	58.908	0.000	1.352
		C		0.000	0.000	58.908	0.000	1.352
T10	80.000-60.000	A	1.617	0.000	0.000	74.661	0.000	1.542
		B		0.000	0.000	58.474	0.000	1.331
		C		0.000	0.000	58.474	0.000	1.331
T11	60.000-40.000	A	1.564	0.000	0.000	73.669	0.000	1.504
		B		0.000	0.000	57.910	0.000	1.304
		C		0.000	0.000	57.910	0.000	1.304
T12	40.000-20.000	A	1.486	0.000	0.000	72.226	0.000	1.450
		B		0.000	0.000	57.089	0.000	1.265
		C		0.000	0.000	57.089	0.000	1.265
T13	20.000-0.000	A	1.331	0.000	0.000	34.681	0.000	0.673
		B		0.000	0.000	27.732	0.000	0.595
		C		0.000	0.000	27.732	0.000	0.595

### Feed Line Center of Pressure

Section	Elevation ft	CP <sub>x</sub> in	CP <sub>z</sub> in	CP <sub>x</sub> Ice in	CP <sub>z</sub> Ice in
T1	250.000-240.000	-0.929	2.131	-2.093	1.047
T2	240.000-220.000	0.775	-0.791	-0.328	0.008
T3	220.000-200.000	-0.610	-3.476	-1.456	-2.559
T4	200.000-180.000	-0.645	-3.667	-1.608	-2.830
T5	180.000-160.000	-0.702	-3.965	-1.766	-3.110
T6	160.000-140.000	-0.762	-4.289	-1.913	-3.381
T7	140.000-120.000	-0.748	-4.231	-1.956	-3.492
T8	120.000-100.000	-0.783	-4.423	-2.048	-3.685
T9	100.000-80.000	-0.813	-4.591	-2.125	-3.858
T10	80.000-60.000	-1.067	-5.909	-2.559	-4.648
T11	60.000-40.000	-1.092	-6.055	-2.616	-4.833
T12	40.000-20.000	-1.104	-6.140	-2.629	-4.994
T13	20.000-0.000	-0.614	-3.487	-1.465	-2.987



**tnxTower**

**B+T Group**  
 1717 S Boulder Ave, Suite 300  
 Tulsa, OK 74119  
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**Job**

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**Project**

250' SST /37.5882296, -84.494309

**Date**

13:49:38 09/08/23

**Client**

Vertical Bridge

**Designed by**

jjohnson

**Shielding Factor Ka**

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
T1	1	1-5/8" Coax	240.00 - 245.00	0.6000	0.5535
T1	7	Safety Line 3/8	240.00 - 250.00	0.6000	0.5535
T1	8	Strobe Cable	240.00 - 250.00	0.6000	0.5535
T1	10	Feedline Ladder (Af)	240.00 - 245.00	0.6000	0.5535
T2	1	1-5/8" Coax	220.00 - 240.00	0.6000	0.6000
T2	3	1-5/8" Coax	220.00 - 235.00	0.6000	0.6000
T2	5	1-5/8" Coax	220.00 - 225.00	0.6000	0.6000
T2	7	Safety Line 3/8	220.00 - 240.00	0.6000	0.6000
T2	8	Strobe Cable	220.00 - 240.00	0.6000	0.6000
T2	10	Feedline Ladder (Af)	220.00 - 240.00	0.6000	0.6000
T2	11	Feedline Ladder (Af)	220.00 - 235.00	0.6000	0.6000
T2	12	Feedline Ladder (Af)	220.00 - 225.00	0.6000	0.6000
T3	1	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	3	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	5	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	7	Safety Line 3/8	200.00 - 220.00	0.6000	0.6000
T3	8	Strobe Cable	200.00 - 220.00	0.6000	0.6000
T3	10	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T3	11	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T3	12	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T4	1	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	3	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	5	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	7	Safety Line 3/8	180.00 - 200.00	0.6000	0.6000
T4	8	Strobe Cable	180.00 - 200.00	0.6000	0.6000
T4	10	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T4	11	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T4	12	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T5	1	1-5/8" Coax	160.00 - 180.00	0.6000	0.6000
T5	3	1-5/8" Coax	160.00 -	0.6000	0.6000

# tnxTower

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**Job**

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**Project**

250' SST /37.5882296, -84.494309

**Date**

13:49:38 09/08/23

**Client**

Vertical Bridge

**Designed by**

jjohnson

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
T5	5	1-5/8" Coax	180.00 160.00 - 180.00	0.6000	0.6000
T5	7	Safety Line 3/8	180.00 160.00 - 180.00	0.6000	0.6000
T5	8	Strobe Cable	180.00 160.00 - 180.00	0.6000	0.6000
T5	10	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T5	11	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T5	12	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T6	1	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	3	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	5	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	7	Safety Line 3/8	160.00 140.00 - 160.00	0.6000	0.6000
T6	8	Strobe Cable	160.00 140.00 - 160.00	0.6000	0.6000
T6	10	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T6	11	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T6	12	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T7	1	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	3	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	5	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	7	Safety Line 3/8	140.00 120.00 - 140.00	0.6000	0.6000
T7	8	Strobe Cable	140.00 120.00 - 140.00	0.6000	0.6000
T7	10	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T7	11	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T7	12	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T8	1	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	3	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	5	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	7	Safety Line 3/8	120.00 100.00 - 120.00	0.6000	0.6000
T8	8	Strobe Cable	120.00 100.00 - 120.00	0.6000	0.6000
T8	10	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T8	11	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T8	12	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T9	1	1-5/8" Coax	100.00 - 100.00	0.6000	0.6000

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 12 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
T9	3	1-5/8" Coax	80.00 - 100.00	0.6000	0.6000
T9	5	1-5/8" Coax	80.00 - 100.00	0.6000	0.6000
T9	7	Safety Line 3/8	80.00 - 100.00	0.6000	0.6000
T9	8	Strobe Cable	80.00 - 100.00	0.6000	0.6000
T9	10	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T9	11	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T9	12	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T10	1	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	3	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	5	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	7	Safety Line 3/8	60.00 - 80.00	0.6000	0.6000
T10	8	Strobe Cable	60.00 - 80.00	0.6000	0.6000
T10	10	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T10	11	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T10	12	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T11	1	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	3	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	5	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	7	Safety Line 3/8	40.00 - 60.00	0.6000	0.6000
T11	8	Strobe Cable	40.00 - 60.00	0.6000	0.6000
T11	10	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T11	11	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T11	12	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T12	1	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	3	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	5	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	7	Safety Line 3/8	20.00 - 40.00	0.6000	0.6000
T12	8	Strobe Cable	20.00 - 40.00	0.6000	0.6000
T12	10	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T12	11	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T12	12	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T13	1	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	3	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	5	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	7	Safety Line 3/8	10.00 - 20.00	0.6000	0.6000
T13	8	Strobe Cable	10.00 - 20.00	0.6000	0.6000
T13	10	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T13	11	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T13	12	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000

### Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz Lateral	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
Lightning Rod 1"x20'	C	From Leg	0.000	0.000	0.000	250.000	No Ice	1.000	1.000	0.040
			0.000				1/2" Ice	2.017	2.017	0.049
			5.000				1" Ice	3.050	3.050	0.065
							2" Ice	5.148	5.148	0.116
							No Ice	2.700	2.700	0.050
Top Beacon	B	From Leg	0.000	0.000	0.000	250.000	No Ice	2.700	2.700	0.050
			0.000				1/2" Ice	3.100	3.100	0.070
			1.000				1" Ice	3.500	3.500	0.090
							2" Ice	4.300	4.300	0.130
**										
Sector1(CaAa=13333.33 Sq.in)No Ice	A	From Leg	4.000	0.000	0.000	245.000	No Ice	92.600	62.040	0.700
			0.000				1/2" Ice	115.750	77.550	1.400

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	13 of 28	
	<b>Project</b>	250' SST /37.5882296, -84.494309		<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge		<b>Designed by</b>	jjohnson

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement	CAAA Front	CAAA Side	Weight
			ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
(Carrier 1)			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
Sector2(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	B	From Leg	4.000	0.000	245.000	No Ice 92.600	62.040	0.700
			0.000			1/2" Ice 115.750	77.550	1.400
			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
Sector3(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	C	From Leg	4.000	0.000	245.000	No Ice 92.600	62.040	0.700
			0.000			1/2" Ice 115.750	77.550	1.400
			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	A	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	B	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 2)	C	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 3)	A	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	B	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	C	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
**								

## Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 14 of 28
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Comb. No.	Description
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

## Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	250 - 240	Leg	Max Tension	15	7.454	0.003	0.926
			Max. Compression	18	-9.176	0.267	-0.147
			Max. Mx	8	-7.970	0.832	0.152
			Max. My	2	-9.157	-0.003	-0.951
			Max. Vy	8	2.294	-0.317	-0.016
			Max. Vx	2	-2.521	0.001	0.308
		Diagonal	Max Tension	2	3.505	0.000	0.000
			Max. Compression	6	-3.304	0.000	0.000
			Max. Mx	2	-1.149	0.040	-0.001
			Max. My	8	-3.113	-0.002	-0.028
			Max. Vy	27	-0.019	0.016	-0.000
			Max. Vx	8	-0.009	0.000	0.000
		Top Girt	Max Tension	14	1.916	0.000	0.000
			Max. Compression	2	-1.878	0.000	0.000
			Max. Mx	26	-0.048	-0.031	0.000
			Max. My	12	0.070	0.000	0.000
			Max. Vy	26	0.027	0.000	0.000

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft		
T2	240 - 220	Leg	Max. Vx	12	-0.000	0.000	0.000		
			Max Tension	15	48.236	1.843	-0.005		
			Max. Compression	2	-54.202	1.300	-0.004		
			Max. Mx	2	-54.198	-2.340	0.007		
			Max. My	4	-1.074	-0.052	-1.264		
			Max. Vy	2	-7.276	1.300	-0.004		
			Max. Vx	4	2.707	-0.034	-0.802		
		Diagonal	Max Tension	4	6.489	0.000	0.000		
			Max. Compression	20	-5.889	0.000	0.000		
			Max. Mx	2	-0.390	0.046	-0.002		
			Max. My	20	-5.883	-0.015	0.046		
			Max. Vy	29	-0.023	0.026	-0.001		
			Max. Vx	20	-0.013	0.000	0.000		
			T3	220 - 200	Leg	Max Tension	15	92.880	2.202
Max. Compression	2	-101.854				0.622	0.000		
Max. Mx	2	-54.225				4.895	-0.015		
Max. My	4	-3.542				-0.028	-2.156		
Max. Vy	2	-7.186				4.895	-0.015		
Max. Vx	4	2.879				-0.022	-0.366		
Diagonal	Max Tension	20				6.235	0.000	0.000	
	Max. Compression	4			-6.909	0.000	0.000		
	Max. Mx	16			2.449	0.031	0.001		
	Max. My	8			-5.382	-0.012	-0.013		
	Max. Vy	34			0.031	0.027	-0.002		
	Max. Vx	8			0.003	0.000	0.000		
	T4	200 - 180			Leg	Max Tension	15	128.863	1.983
Max. Compression						2	-141.245	1.101	0.002
Max. Mx			2	-101.869		4.042	-0.002		
Max. My			4	-4.583		-0.024	-1.808		
Max. Vy			2	-7.172		1.101	0.002		
Max. Vx			4	2.899		-0.011	-0.480		
Diagonal			Max Tension	4		5.616	0.000	0.000	
			Max. Compression	4	-6.129	0.000	0.000		
			Max. Mx	16	3.852	0.048	0.002		
			Max. My	18	-5.949	-0.027	0.014		
			Max. Vy	34	0.043	0.044	-0.004		
			Max. Vx	18	-0.003	0.000	0.000		
			T5	180 - 160	Leg	Max Tension	15	160.778	2.993
Max. Compression						2	-177.187	0.126	0.000
Max. Mx	2	-141.266				4.658	0.006		
Max. My	4	-5.810				-0.021	-1.932		
Max. Vy	2	-7.764				0.126	0.000		
Max. Vx	24	-3.012				-0.004	0.125		
Diagonal	Max Tension	4				5.895	0.000	0.000	
	Max. Compression	4			-6.020	0.000	0.000		
	Max. Mx	34			0.312	0.057	-0.006		
	Max. My	10			-5.837	-0.013	-0.009		
	Max. Vy	34			0.049	0.057	-0.006		
	Max. Vx	38			-0.002	0.000	0.000		
	T6	160 - 140			Leg	Max Tension	15	189.908	2.772
Max. Compression						2	-210.581	0.717	0.003
Max. Mx			2	-177.204		4.008	0.010		
Max. My			24	-7.311		-0.010	1.634		
Max. Vy			2	-8.537		0.717	0.003		
Max. Vx			24	-3.216		-0.004	0.391		
Diagonal			Max Tension	4		6.080	0.000	0.000	
			Max. Compression	4	-6.033	0.000	0.000		
			Max. Mx	32	0.321	0.072	0.007		
			Max. My	38	-0.387	0.068	0.008		
			Max. Vy	32	0.056	0.072	0.007		
			Max. Vx	38	0.002	0.000	0.000		

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft			
T7	140 - 120	Leg	Max Tension	15	217.687	3.143	0.012			
			Max. Compression	2	-243.289	0.716	0.002			
			Max. Mx	2	-210.603	4.970	0.017			
			Max. My	24	-8.804	-0.006	2.001			
			Max. Vy	2	-9.437	0.716	0.002			
			Max. Vx	24	-3.472	-0.001	0.353			
		Diagonal	Max Tension	4	6.565	0.000	0.000			
			Max. Compression	4	-6.486	0.000	0.000			
			Max. Mx	38	0.315	0.101	-0.009			
			Max. My	38	-0.329	0.095	0.010			
			Max. Vy	38	0.071	0.101	-0.009			
			Max. Vx	38	0.003	0.000	0.000			
			T8	120 - 100	Leg	Max Tension	15	244.692	3.406	0.014
						Max. Compression	2	-275.755	0.874	0.004
Max. Mx	2	-243.313				5.422	0.021			
Max. My	24	-10.520				0.009	2.092			
Max. Vy	2	-10.374				0.874	0.004			
Max. Vx	24	-3.770				0.003	0.525			
Diagonal	Max Tension	4			7.046	0.000	0.000			
	Max. Compression	4			-6.942	0.000	0.000			
	Max. Mx	38			0.329	0.120	-0.011			
	Max. My	38			-0.287	0.115	0.012			
	Max. Vy	38			0.078	0.120	-0.011			
	Max. Vx	38			0.003	0.000	0.000			
	T9	100 - 80			Leg	Max Tension	15	271.158	4.301	0.017
						Max. Compression	2	-308.516	-0.014	0.003
Max. Mx			2	-275.782		6.047	0.026			
Max. My			24	-12.393		0.029	2.413			
Max. Vy			2	-11.026		-0.014	0.003			
Max. Vx			24	-4.451		-0.023	0.621			
Diagonal			Max Tension	2	7.822	0.000	0.000			
			Max. Compression	4	-7.612	0.000	0.000			
			Max. Mx	38	0.358	0.155	0.014			
			Max. My	38	-0.050	0.140	0.015			
			Max. Vy	38	0.090	0.146	-0.014			
			Max. Vx	38	0.003	0.000	0.000			
			T10	80 - 60	Leg	Max Tension	15	296.832	4.546	0.019
						Max. Compression	2	-340.602	0.099	0.004
Max. Mx	2	-340.576				-5.775	-0.024			
Max. My	24	-14.633				0.026	2.850			
Max. Vy	2	-11.739				0.099	0.004			
Max. Vx	24	-4.514				-0.021	0.648			
Diagonal	Max Tension	5			8.710	0.000	0.000			
	Max. Compression	2			-9.081	0.000	0.000			
	Max. Mx	34			1.261	0.241	0.000			
	Max. My	27			-0.030	0.000	0.006			
	Max. Vy	34			-0.095	0.000	0.000			
	Max. Vx	27			0.002	0.000	0.000			
	Horizontal	Max Tension			2	1.258	-0.050	0.001		
		Max. Compression			15	-1.263	-0.036	0.001		
Max. Mx		37	0.152	-0.151	0.003					
Max. My		14	0.572	-0.041	0.004					
Max. Vy		37	0.087	-0.151	0.003					
Max. Vx		27	-0.002	-0.151	0.003					
Inner Bracing		Max Tension	1	0.000	0.000	0.000				
		Max. Compression	33	-0.009	0.000	0.000				
		Max. Mx	26	-0.009	-0.103	0.000				
		Max. My	2	-0.004	0.000	-0.000				
	Max. Vy	26	0.047	0.000	0.000					
	Max. Vx	2	0.000	0.000	0.000					
	T11	60 - 40	Leg	Max Tension	15	321.458	5.319	0.023		

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T12	40 - 20	Diagonal	Max. Compression	2	-372.002	-0.523	0.001
			Max. Mx	2	-371.972	-6.792	-0.029
			Max. My	24	-16.918	0.020	2.908
			Max. Vy	2	-12.529	-0.523	0.001
			Max. Vx	24	-4.581	-0.022	0.468
			Max Tension	5	9.032	0.000	0.000
			Max. Compression	3	-9.188	0.000	0.000
			Max. Mx	34	1.371	0.271	0.000
			Max. My	27	0.078	0.000	0.007
			Max. Vy	34	-0.100	0.000	0.000
			Max. Vx	27	0.002	0.000	0.000
			Max Tension	2	1.485	-0.067	0.001
		Horizontal	Max. Compression	15	-1.405	-0.050	0.002
			Max. Mx	31	0.003	-0.188	0.004
			Max. My	14	0.551	-0.057	0.005
			Max. Vy	31	-0.102	-0.188	0.004
			Max. Vx	27	-0.002	-0.188	0.004
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	33	-0.010	0.000	0.000
			Max. Mx	26	-0.009	-0.117	0.000
			Max. My	2	-0.004	0.000	-0.000
			Max. Vy	26	0.049	0.000	0.000
			Max. Vx	2	0.000	0.000	0.000
			Leg	Max Tension	15	344.994	5.031
		Max. Compression		2	-402.506	0.182	0.005
		Max. Mx		2	-402.476	-6.477	-0.027
		Max. My		24	-19.406	0.036	2.761
		Max. Vy		2	-13.306	0.182	0.005
		Max. Vx		24	-4.606	-0.016	0.673
		Max Tension		5	9.149	0.000	0.000
		Max. Compression		4	-9.349	0.000	0.000
		Max. Mx		34	1.565	0.299	0.000
		Max. My		27	0.315	0.000	0.007
		Max. Vy		34	0.104	0.000	0.000
		Max. Vx		27	0.002	0.000	0.000
		Horizontal	Max Tension	2	1.417	-0.099	0.001
			Max. Compression	15	-1.368	-0.072	0.002
			Max. Mx	27	-0.043	-0.262	0.005
			Max. My	29	0.116	-0.261	0.007
			Max. Vy	37	-0.125	-0.239	0.004
Max. Vx	29		0.003	-0.261	0.007		
Max Tension	1		0.000	0.000	0.000		
Max. Compression	33		-0.010	0.000	0.000		
Max. Mx	31		-0.010	-0.129	0.000		
Max. My	2		-0.005	0.000	-0.000		
Max. Vy	31		0.050	0.000	0.000		
Max. Vx	2		0.000	0.000	0.000		
Leg	Max Tension	15	367.503	5.470	0.026		
	Max. Compression	2	-432.239	0.000	0.000		
	Max. Mx	2	-432.206	-6.998	-0.032		
	Max. My	24	-22.016	0.052	2.979		
	Max. Vy	2	-13.986	0.000	0.000		
	Max. Vx	24	-4.609	0.052	2.979		
	Max Tension	5	9.334	0.000	0.000		
	Max. Compression	4	-9.681	0.000	0.000		
	Max. Mx	27	1.983	0.367	0.000		
	Max. My	27	0.942	0.000	0.009		
	Max. Vy	27	-0.120	0.000	0.000		
	Max. Vx	27	0.003	0.000	0.000		
Horizontal	Max Tension	2	1.566	-0.116	0.002		
	Max. Compression	15	-1.450	-0.081	0.003		



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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
		Inner Bracing	Max. Mx	27	-0.102	-0.289	0.006
			Max. My	29	0.077	-0.287	0.008
			Max. Vy	27	0.125	-0.289	0.006
			Max. Vx	29	0.003	-0.287	0.008
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	29	-0.011	0.000	0.000
			Max. Mx	35	-0.011	-0.133	0.000
			Max. My	35	-0.010	0.000	-0.000
			Max. Vy	35	0.048	0.000	0.000
			Max. Vx	35	0.000	0.000	0.000

### Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Leg C	Max. Vert	18	429.219	27.088	-15.651
	Max. H <sub>x</sub>	18	429.219	27.088	-15.651
	Max. H <sub>z</sub>	7	-364.275	-23.880	13.800
	Min. Vert	7	-364.275	-23.880	13.800
	Min. H <sub>x</sub>	7	-364.275	-23.880	13.800
	Min. H <sub>z</sub>	18	429.219	27.088	-15.651
Leg B	Max. Vert	10	426.973	-27.022	-15.538
	Max. H <sub>x</sub>	23	-362.211	23.813	13.681
	Max. H <sub>z</sub>	23	-362.211	23.813	13.681
	Min. Vert	23	-362.211	23.813	13.681
	Min. H <sub>x</sub>	10	426.973	-27.022	-15.538
	Min. H <sub>z</sub>	10	426.973	-27.022	-15.538
Leg A	Max. Vert	2	431.324	-0.054	31.397
	Max. H <sub>x</sub>	21	18.420	4.209	0.847
	Max. H <sub>z</sub>	2	431.324	-0.054	31.397
	Min. Vert	15	-366.596	0.058	-27.702
	Min. H <sub>x</sub>	9	18.420	-4.210	0.847
	Min. H <sub>z</sub>	15	-366.596	0.058	-27.702

### Tower Mast Reaction Summary

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead Only	61.513	-0.000	0.000	0.813	0.941	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	73.816	0.000	-51.927	-7925.142	1.143	-2.201
0.9 Dead+1.0 Wind 0 deg - No Ice	55.362	0.000	-51.925	-7910.059	0.857	-2.199
1.2 Dead+1.0 Wind 30 deg - No Ice	73.816	24.611	-42.628	-6601.300	-3810.757	11.827
0.9 Dead+1.0 Wind 30 deg - No Ice	55.362	24.611	-42.626	-6588.689	-3803.657	11.827
1.2 Dead+1.0 Wind 60 deg - No Ice	73.816	41.648	-24.045	-3735.677	-6470.966	-0.401
0.9 Dead+1.0 Wind 60 deg - No Ice	55.362	41.646	-24.045	-3728.662	-6458.669	-0.405
1.2 Dead+1.0 Wind 90 deg - No Ice	73.816	48.857	-0.000	0.944	-7536.402	-12.291

<p><b>tnxTower</b></p> <p><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<b>Job</b>	<b>Page</b>	
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	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b>	<b>Designed by</b>	
	Vertical Bridge	jjohnson	

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
0.9 Dead+1.0 Wind 90 deg - No Ice	55.362	48.856	-0.000	0.661	-7522.060	-12.297
1.2 Dead+1.0 Wind 120 deg - No Ice	73.816	44.657	25.783	3921.425	-6789.235	2.202
0.9 Dead+1.0 Wind 120 deg - No Ice	55.362	44.655	25.782	3913.609	-6776.416	2.197
1.2 Dead+1.0 Wind 150 deg - No Ice	73.816	24.520	42.470	6566.760	-3789.542	15.879
0.9 Dead+1.0 Wind 150 deg - No Ice	55.362	24.519	42.469	6553.768	-3782.431	15.875
1.2 Dead+1.0 Wind 180 deg - No Ice	73.816	0.000	48.272	7517.803	1.144	2.203
0.9 Dead+1.0 Wind 180 deg - No Ice	55.362	0.000	48.271	7502.921	0.858	2.201
1.2 Dead+1.0 Wind 210 deg - No Ice	73.816	-24.611	42.628	6603.328	3812.942	-11.827
0.9 Dead+1.0 Wind 210 deg - No Ice	55.362	-24.610	42.627	6590.253	3805.211	-11.827
1.2 Dead+1.0 Wind 240 deg - No Ice	73.816	-44.813	25.873	3942.319	6827.715	0.401
0.9 Dead+1.0 Wind 240 deg - No Ice	55.362	-44.811	25.872	3934.455	6814.241	0.404
1.2 Dead+1.0 Wind 270 deg - No Ice	73.816	-48.857	-0.000	0.945	7538.674	12.291
0.9 Dead+1.0 Wind 270 deg - No Ice	55.362	-48.856	-0.000	0.662	7523.761	12.296
1.2 Dead+1.0 Wind 300 deg - No Ice	73.816	-41.492	-23.955	-3714.769	6437.038	-2.203
0.9 Dead+1.0 Wind 300 deg - No Ice	55.362	-41.490	-23.954	-3707.802	6424.253	-2.198
1.2 Dead+1.0 Wind 330 deg - No Ice	73.816	-24.520	-42.470	-6564.719	3791.923	-15.879
0.9 Dead+1.0 Wind 330 deg - No Ice	55.362	-24.520	-42.469	-6552.194	3784.301	-15.876
1.2 Dead+1.0 Ice+1.0 Temp	188.135	0.000	-0.000	0.211	9.361	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	188.135	0.000	-7.167	-1161.968	9.557	-0.811
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	188.135	3.491	-6.046	-988.511	-561.331	0.281
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	188.135	5.980	-3.452	-565.411	-970.279	-0.587
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	188.135	6.952	-0.000	0.298	-1125.195	-1.299
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	188.135	6.182	3.569	577.916	-990.907	0.224
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	188.135	3.483	6.033	986.060	-559.574	1.687
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	188.135	0.000	6.919	1135.228	9.557	0.811
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	188.135	-3.491	6.046	989.106	580.447	-0.281
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	188.135	-6.195	3.576	579.673	1013.065	0.587
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	188.135	-6.952	-0.000	0.299	1144.309	1.299
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	188.135	-5.967	-3.445	-563.652	986.347	-0.224
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	188.135	-3.483	-6.033	-985.465	578.687	-1.687
Dead+Wind 0 deg - Service	61.513	0.000	-16.956	-2584.210	0.947	-0.719
Dead+Wind 30 deg - Service	61.513	8.036	-13.919	-2152.431	-1242.241	3.870

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<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead+Wind 60 deg - Service	61.513	13.599	-7.851	-1217.754	-2109.690	-0.132
Dead+Wind 90 deg - Service	61.513	15.954	-0.000	0.819	-2457.324	-4.022
Dead+Wind 120 deg - Service	61.513	14.582	8.419	1279.435	-2213.674	0.718
Dead+Wind 150 deg - Service	61.513	8.007	13.868	2142.154	-1235.346	5.192
Dead+Wind 180 deg - Service	61.513	0.000	15.762	2452.151	0.946	0.719
Dead+Wind 210 deg - Service	61.513	-8.036	13.919	2154.081	1244.125	-3.870
Dead+Wind 240 deg - Service	61.513	-14.633	8.448	1286.250	2227.372	0.132
Dead+Wind 270 deg - Service	61.513	-15.954	-0.000	0.819	2459.215	4.022
Dead+Wind 300 deg - Service	61.513	-13.548	-7.822	-1210.937	2099.777	-0.718
Dead+Wind 330 deg - Service	61.513	-8.007	-13.868	-2140.503	1237.248	-5.192

### Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.000	-61.513	0.000	0.000	61.513	-0.000	0.000%
2	0.000	-73.816	-51.930	-0.000	73.816	51.927	0.003%
3	0.000	-55.362	-51.930	-0.000	55.362	51.925	0.006%
4	24.613	-73.816	-42.630	-24.611	73.816	42.628	0.003%
5	24.613	-55.362	-42.630	-24.611	55.362	42.626	0.006%
6	41.650	-73.816	-24.047	-41.648	73.816	24.045	0.003%
7	41.650	-55.362	-24.047	-41.646	55.362	24.045	0.005%
8	48.860	-73.816	0.000	-48.857	73.816	0.000	0.003%
9	48.860	-55.362	0.000	-48.856	55.362	0.000	0.006%
10	44.659	-73.816	25.784	-44.657	73.816	-25.783	0.003%
11	44.659	-55.362	25.784	-44.655	55.362	-25.782	0.006%
12	24.522	-73.816	42.473	-24.520	73.816	-42.470	0.003%
13	24.522	-55.362	42.473	-24.519	55.362	-42.469	0.006%
14	0.000	-73.816	48.274	-0.000	73.816	-48.272	0.003%
15	0.000	-55.362	48.274	-0.000	55.362	-48.271	0.005%
16	-24.613	-73.816	42.630	24.611	73.816	-42.628	0.003%
17	-24.613	-55.362	42.630	24.610	55.362	-42.627	0.006%
18	-44.815	-73.816	25.874	44.813	73.816	-25.873	0.003%
19	-44.815	-55.362	25.874	44.811	55.362	-25.872	0.006%
20	-48.860	-73.816	0.000	48.857	73.816	0.000	0.003%
21	-48.860	-55.362	0.000	48.856	55.362	0.000	0.006%
22	-41.494	-73.816	-23.956	41.492	73.816	23.955	0.003%
23	-41.494	-55.362	-23.956	41.490	55.362	23.954	0.005%
24	-24.522	-73.816	-42.473	24.520	73.816	42.470	0.003%
25	-24.522	-55.362	-42.473	24.520	55.362	42.469	0.006%
26	0.000	-188.135	0.000	-0.000	188.135	0.000	0.000%
27	0.000	-188.135	-7.168	-0.000	188.135	7.167	0.000%
28	3.491	-188.135	-6.047	-3.491	188.135	6.046	0.000%
29	5.980	-188.135	-3.453	-5.980	188.135	3.452	0.000%
30	6.953	-188.135	0.000	-6.952	188.135	0.000	0.000%
31	6.182	-188.135	3.569	-6.182	188.135	-3.569	0.000%
32	3.484	-188.135	6.034	-3.483	188.135	-6.033	0.000%
33	0.000	-188.135	6.920	-0.000	188.135	-6.919	0.000%
34	-3.491	-188.135	6.047	3.491	188.135	-6.046	0.000%
35	-6.195	-188.135	3.577	6.195	188.135	-3.576	0.000%
36	-6.953	-188.135	0.000	6.952	188.135	0.000	0.000%
37	-5.967	-188.135	-3.445	5.967	188.135	3.445	0.000%
38	-3.484	-188.135	-6.034	3.483	188.135	6.033	0.000%
39	0.000	-61.513	-16.957	-0.000	61.513	16.956	0.001%
40	8.037	-61.513	-13.920	-8.036	61.513	13.919	0.001%
41	13.600	-61.513	-7.852	-13.599	61.513	7.851	0.002%
42	15.954	-61.513	0.000	-15.954	61.513	0.000	0.001%
43	14.583	-61.513	8.419	-14.582	61.513	-8.419	0.001%

<p><b>tnxTower</b></p> <p><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	21 of 28
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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
44	8.007	-61.513	13.869	-8.007	61.513	-13.868	0.001%
45	0.000	-61.513	15.763	-0.000	61.513	-15.762	0.002%
46	-8.037	-61.513	13.920	8.036	61.513	-13.919	0.001%
47	-14.634	-61.513	8.449	14.633	61.513	-8.448	0.001%
48	-15.954	-61.513	0.000	15.954	61.513	0.000	0.001%
49	-13.549	-61.513	-7.823	13.548	61.513	7.822	0.002%
50	-8.007	-61.513	-13.869	8.007	61.513	13.868	0.001%

### Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.0000001	0.0000001
2	Yes	13	0.00004126	0.00009179
3	Yes	12	0.00006973	0.00014838
4	Yes	13	0.00003946	0.00008803
5	Yes	12	0.00006587	0.00014055
6	Yes	13	0.00003761	0.00008406
7	Yes	12	0.00006188	0.00013229
8	Yes	13	0.00003942	0.00008791
9	Yes	12	0.00006581	0.00014035
10	Yes	13	0.00004120	0.00009162
11	Yes	12	0.00006961	0.00014806
12	Yes	13	0.00003944	0.00008798
13	Yes	12	0.00006584	0.00014047
14	Yes	13	0.00003761	0.00008410
15	Yes	12	0.00006188	0.00013234
16	Yes	13	0.00003946	0.00008804
17	Yes	12	0.00006587	0.00014056
18	Yes	13	0.00004123	0.00009170
19	Yes	12	0.00006967	0.00014820
20	Yes	13	0.00003942	0.00008791
21	Yes	12	0.00006581	0.00014035
22	Yes	13	0.00003761	0.00008404
23	Yes	12	0.00006188	0.00013228
24	Yes	13	0.00003944	0.00008797
25	Yes	12	0.00006584	0.00014045
26	Yes	6	0.0000001	0.00001020
27	Yes	14	0.0000001	0.00008949
28	Yes	14	0.0000001	0.00008850
29	Yes	14	0.0000001	0.00008777
30	Yes	14	0.0000001	0.00008806
31	Yes	14	0.0000001	0.00008909
32	Yes	14	0.0000001	0.00008878
33	Yes	14	0.0000001	0.00008883
34	Yes	14	0.0000001	0.00008943
35	Yes	14	0.0000001	0.00009004
36	Yes	14	0.0000001	0.00008893
37	Yes	14	0.0000001	0.00008830
38	Yes	14	0.0000001	0.00008870
39	Yes	13	0.0000001	0.00007209
40	Yes	13	0.0000001	0.00007100
41	Yes	12	0.0000001	0.00014968
42	Yes	13	0.0000001	0.00007090
43	Yes	13	0.0000001	0.00007199
44	Yes	13	0.0000001	0.00007098
45	Yes	12	0.0000001	0.00014983
46	Yes	13	0.0000001	0.00007102
47	Yes	13	0.0000001	0.00007204

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

48	Yes	13	0.00000001	0.00007090
49	Yes	12	0.00000001	0.00014959
50	Yes	13	0.00000001	0.00007095

### Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	250 - 240	11.288	39	0.420	0.032
T2	240 - 220	10.368	39	0.418	0.032
T3	220 - 200	8.560	39	0.389	0.029
T4	200 - 180	6.921	39	0.345	0.026
T5	180 - 160	5.514	39	0.294	0.023
T6	160 - 140	4.301	39	0.254	0.020
T7	140 - 120	3.258	39	0.212	0.016
T8	120 - 100	2.385	39	0.174	0.013
T9	100 - 80	1.655	39	0.141	0.009
T10	80 - 60	1.065	39	0.111	0.006
T11	60 - 40	0.622	39	0.080	0.005
T12	40 - 20	0.300	39	0.052	0.003
T13	20 - 0	0.092	39	0.025	0.001

### Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
250.000	Lightning Rod 1"x20'	39	11.288	0.420	0.032	Inf
245.000	Sector1(CaAa=13333.33 Sq.in)No Ice	39	10.828	0.420	0.032	Inf
235.000	Sector1(CaAa=10000 Sq.in)No Ice	39	9.909	0.414	0.031	97171
225.000	Sector1(CaAa=10000 Sq.in)No Ice	39	9.002	0.399	0.030	33083

### Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	250 - 240	34.668	2	1.292	0.097
T2	240 - 220	31.841	2	1.286	0.097
T3	220 - 200	26.280	2	1.196	0.089
T4	200 - 180	21.244	2	1.058	0.080
T5	180 - 160	16.923	2	0.903	0.071
T6	160 - 140	13.201	2	0.781	0.060
T7	140 - 120	9.998	2	0.651	0.049
T8	120 - 100	7.320	2	0.535	0.039
T9	100 - 80	5.080	2	0.432	0.028
T10	80 - 60	3.267	2	0.340	0.020
T11	60 - 40	1.908	2	0.245	0.014
T12	40 - 20	0.921	2	0.161	0.009
T13	20 - 0	0.283	2	0.076	0.004

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	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

### Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
250.000	Lightning Rod 1"x20'	2	34.668	1.292	0.097	784336
245.000	Sector1(CaAa=13333.33 Sq.in)No Ice	2	33.254	1.291	0.097	784336
235.000	Sector1(CaAa=10000 Sq.in)No Ice	2	30.428	1.272	0.095	32258
225.000	Sector1(CaAa=10000 Sq.in)No Ice	2	27.639	1.226	0.092	10843

### Bolt Design Data

Section No.	Elevation	Component Type	Bolt Grade	Bolt Size	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria	
	ft			in							
T1	250	Diagonal	A325X	0.625	1	3.505	9.598	0.365	✓	1	Member Block Shear
		Top Girt	A325X	0.625	1	1.916	9.598	0.200	✓	1	Member Block Shear
T2	240	Leg	A325N	0.750	6	1.258	30.101	0.042	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.489	9.598	0.676	✓	1	Member Block Shear
T3	220	Leg	A325N	0.750	6	8.037	30.101	0.267	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.235	10.740	0.581	✓	1	Member Block Shear
T4	200	Leg	A325N	0.750	6	15.479	30.101	0.514	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	5.616	13.025	0.431	✓	1	Member Block Shear
T5	180	Leg	A325N	0.750	6	21.475	30.101	0.713	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	5.895	13.025	0.453	✓	1	Member Block Shear
T6	160	Leg	A325N	1.000	6	26.794	54.517	0.491	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.080	13.025	0.467	✓	1	Member Block Shear
T7	140	Leg	A325N	1.000	6	31.649	54.517	0.581	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.565	14.168	0.463	✓	1	Member Block Shear
T8	120	Leg	A325N	1.000	6	36.279	54.517	0.665	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	7.046	14.168	0.497	✓	1	Member Block Shear
T9	100	Leg	A325N	1.000	6	40.779	54.517	0.748	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	7.822	17.257	0.453	✓	1	Bolt Shear
T10	80	Leg	A325N	1.250	6	45.190	87.220	0.518	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	8.710	26.051	0.334	✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	5.904	19.195	0.308	✓	1	Member Block Shear
T11	60	Leg	A325N	1.250	6	49.469	87.220	0.567	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	9.032	26.051	0.347	✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	6.448	21.480	0.300	✓	1	Member Block Shear
T12	40	Leg	A325N	1.250	6	53.573	87.220	0.614	✓	1	Bolt Tension

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	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T13	20	Diagonal	A325X	0.625	1	9.149	26.051	0.351 ✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	6.976	26.051	0.268 ✓	1	Member Block Shear
		Leg	A325N	1.250	6	57.496	87.220	0.659 ✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	9.681	29.250	0.331 ✓	1	Member Bearing
		Horizontal	A325X	0.625	1	7.492	26.051	0.288 ✓	1	Member Block Shear

### Compression Checks

### Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
T1	250 - 240	1 3/4	10.000	4.500	123.4 K=1.00	2.405	-6.206	35.668	0.174 <sup>1</sup> ✓
T2	240 - 220	2	20.019	4.754	114.1 K=1.00	3.142	-47.527	54.509	0.872 <sup>1</sup> ✓
T3	220 - 200	2 1/2	20.019	4.754	91.3 K=1.00	4.909	-96.605	120.108	0.804 <sup>1</sup> ✓
T4	200 - 180	2 3/4	20.019	4.754	83.0 K=1.00	5.940	-136.562	161.540	0.845 <sup>1</sup> ✓
T5	180 - 160	3 1/4	20.019	4.754	70.2 K=1.00	8.296	-172.587	260.312	0.663 <sup>1</sup> ✓
T6	160 - 140	3 1/4	20.019	4.754	70.2 K=1.00	8.296	-206.210	260.312	0.792 <sup>1</sup> ✓
T7	140 - 120	3 1/2	20.019	4.754	65.2 K=1.00	9.621	-238.878	317.273	0.753 <sup>1</sup> ✓
T8	120 - 100	3 3/4	20.019	4.754	60.9 K=1.00	11.045	-271.287	379.106	0.716 <sup>1</sup> ✓
T9	100 - 80	4	20.019	4.754	57.1 K=1.00	12.566	-304.060	445.717	0.682 <sup>1</sup> ✓
T10	80 - 60	4	20.019	4.754	57.1 K=1.00	12.566	-332.319	445.717	0.746 <sup>1</sup> ✓
T11	60 - 40	4 1/4	20.019	4.754	53.7 K=1.00	14.186	-363.659	517.034	0.703 <sup>1</sup> ✓
T12	40 - 20	4 1/4	20.019	4.754	53.7 K=1.00	14.186	-394.313	517.034	0.763 <sup>1</sup> ✓
T13	20 - 0	4 1/2	20.019	4.754	50.7 K=1.00	15.904	-424.059	593.004	0.715 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
T1	250 - 240	L1 3/4x1 3/4x3/16	6.364	3.079	107.6 K=1.00	0.621	-3.304	15.362	0.215 <sup>1</sup> ✓
T2	240 - 220	L1 3/4x1 3/4x3/16	7.485	3.750	131.0 K=1.00	0.621	-5.889	10.354	0.569 <sup>1</sup> ✓

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	25 of 28	
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	<b>Client</b>	Vertical Bridge		<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T3	220 - 200	L2x2x3/16	7.823	3.899	118.8 K=1.00	0.715	-6.909	14.508	0.476 <sup>1</sup> ✓
T4	200 - 180	L2 1/2x2 1/2x3/16	9.987	4.964	120.3 K=1.00	0.902	-5.291	17.824	0.297 <sup>1</sup> ✓
T5	180 - 160	L2 1/2x2 1/2x3/16	11.329	5.613	136.1 K=1.00	0.902	-5.658	13.942	0.406 <sup>1</sup> ✓
T6	160 - 140	L2 1/2x2 1/2x3/16	12.706	6.303	152.8 K=1.00	0.902	-5.866	11.057	0.530 <sup>1</sup> ✓
T7	140 - 120	L3x3x3/16	14.108	6.994	140.8 K=1.00	1.090	-6.377	15.733	0.405 <sup>1</sup> ✓
T8	120 - 100	L3x3x3/16	15.529	7.694	154.9 K=1.00	1.090	-6.940	13.000	0.534 <sup>1</sup> ✓
T9	100 - 80	L3x3x1/4	16.963	8.401	170.3 K=1.00	1.440	-7.612	14.213	0.536 <sup>1</sup> ✓
T10	80 - 60	2L2 1/2x2 1/2x3/16x3/8	10.161	9.972	157.8 K=1.00	1.800	-8.708	19.946	0.437 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 57.102 in - 245 2L2 1/2x2 1/2x3/16x3/8	10.829	10.632	168.2 K=1.00	1.800	-9.146	17.635	0.519 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 60.882 in - 284 2L2 1/2x2 1/2x3/16x3/8	11.508	11.313	179.0 K=1.00	1.800	-9.349	15.641	0.598 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 64.783 in - 323 2L3x3x3/16x3/8 2L 'a' > 68.500 in - 362	12.195	11.991	159.5 K=1.00	2.180	-9.681	23.170	0.418 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	2L1 3/4x1 3/4x3/16x3/8	17.606	8.636	193.0 K=1.00	1.242	-5.904	9.543	0.619 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 49.718 in - 241 2L2x2x3/16x3/8	19.106	9.376	183.4 K=1.00	1.430	-6.448	11.971	0.539 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 53.886 in - 280 2L2 1/2x2 1/2x3/16x3/8	20.606	10.126	160.2 K=1.00	1.800	-6.976	19.368	0.360 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 57.984 in - 319 2L2 1/2x2 1/2x3/16x3/8 2L 'a' > 62.219 in - 358	22.106	10.866	171.9 K=1.00	1.800	-7.492	16.912	0.443 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	4.500	4.354	152.1 K=1.00	0.621	-1.878	7.681	0.245 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls



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### Inner Bracing Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	L1 3/4x1 3/4x3/16	8.803	8.803	307.6 K=1.00	0.621	-0.009	1.879	0.005 <sup>1</sup> ✓
T11	60 - 40	KL/R > 250 (C) - 248 L1 3/4x1 3/4x3/16	9.553	9.553	333.8 K=1.00	0.621	-0.010	1.596	0.006 <sup>1</sup> ✓
T12	40 - 20	KL/R > 250 (C) - 287 L1 3/4x1 3/4x3/16	10.303	10.303	360.0 K=1.00	0.621	-0.010	1.372	0.008 <sup>1</sup> ✓
T13	20 - 0	KL/R > 250 (C) - 326 L1 3/4x1 3/4x3/16  KL/R > 250 (C) - 366	11.053	11.053	386.2 K=1.00	0.621	-0.011	1.192	0.009 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Tension Checks

### Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	1 3/4	10.000	0.500	13.7	2.405	7.454	108.238	0.069 <sup>1</sup> ✓
T2	240 - 220	2	20.019	0.500	12.0	3.142	48.236	141.372	0.341 <sup>1</sup> ✓
T3	220 - 200	2 1/2	20.019	0.500	9.6	4.909	92.880	220.893	0.420 <sup>1</sup> ✓
T4	200 - 180	2 3/4	20.019	0.500	8.7	5.940	128.863	267.281	0.482 <sup>1</sup> ✓
T5	180 - 160	3 1/4	20.019	0.500	7.4	8.296	160.778	373.310	0.431 <sup>1</sup> ✓
T6	160 - 140	3 1/4	20.019	0.500	7.4	8.296	189.908	373.310	0.509 <sup>1</sup> ✓
T7	140 - 120	3 1/2	20.019	0.500	6.9	9.621	217.687	432.951	0.503 <sup>1</sup> ✓
T8	120 - 100	3 3/4	20.019	0.500	6.4	11.045	244.692	497.010	0.492 <sup>1</sup> ✓
T9	100 - 80	4	20.019	0.500	6.0	12.566	271.158	565.487	0.480 <sup>1</sup> ✓
T10	80 - 60	4	20.019	0.500	6.0	12.566	296.832	565.487	0.525 <sup>1</sup> ✓
T11	60 - 40	4 1/4	20.019	0.500	5.7	14.186	321.458	638.381	0.504 <sup>1</sup> ✓
T12	40 - 20	4 1/4	20.019	0.500	5.7	14.186	344.994	638.381	0.540 <sup>1</sup> ✓
T13	20 - 0	4 1/2	20.019	0.500	5.3	15.904	367.503	715.694	0.513 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	6.364	3.079	68.8	0.360	3.505	17.567	0.200 <sup>1</sup> ✓
T2	240 - 220	L1 3/4x1 3/4x3/16	7.485	3.750	83.8	0.360	6.489	17.567	0.369 <sup>1</sup> ✓

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Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T3	220 - 200	L2x2x3/16	7.823	3.899	75.8	0.431	6.235	21.001	0.297 <sup>1</sup> ✓
T4	200 - 180	L2 1/2x2 1/2x3/16	9.987	4.964	76.6	0.571	5.616	27.838	0.202 <sup>1</sup> ✓
T5	180 - 160	L2 1/2x2 1/2x3/16	11.329	5.613	86.6	0.571	5.895	27.838	0.212 <sup>1</sup> ✓
T6	160 - 140	L2 1/2x2 1/2x3/16	12.706	6.303	97.2	0.571	6.080	27.838	0.218 <sup>1</sup> ✓
T7	140 - 120	L3x3x3/16	14.108	6.994	89.4	0.712	6.565	34.712	0.189 <sup>1</sup> ✓
T8	120 - 100	L3x3x3/16	15.529	7.694	98.3	0.712	7.046	34.712	0.203 <sup>1</sup> ✓
T9	100 - 80	L3x3x1/4	16.963	8.401	108.4	0.939	7.822	45.794	0.171 <sup>1</sup> ✓
T10	80 - 60	2L2 1/2x2 1/2x3/16x3/8	10.161	9.972	153.8	1.139	8.710	55.529	0.157 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 57.102 in - 246 2L2 1/2x2 1/2x3/16x3/8	10.829	10.632	164.0	1.139	9.032	55.529	0.163 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 60.882 in - 285 2L2 1/2x2 1/2x3/16x3/8	11.508	11.313	174.5	1.139	9.149	55.529	0.165 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 64.783 in - 324 2L3x3x3/16x3/8 2L 'a' > 68.500 in - 363	12.195	11.991	153.2	1.424	9.334	69.423	0.134 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	2L1 3/4x1 3/4x3/16x3/8	17.606	8.636	193.0	0.721	5.904	35.134	0.168 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 49.718 in - 241 2L2x2x3/16x3/8	18.394	9.020	175.4	0.862	6.448	42.001	0.154 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 51.838 in - 298 2L2 1/2x2 1/2x3/16x3/8	19.894	9.770	150.7	1.139	6.976	55.529	0.126 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 55.944 in - 337 2L2 1/2x2 1/2x3/16x3/8 2L 'a' > 60.179 in - 376	21.394	10.509	162.1	1.139	7.492	55.529	0.135 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	4.500	4.354	97.3	0.360	1.916	17.567	0.109 <sup>1</sup> ✓

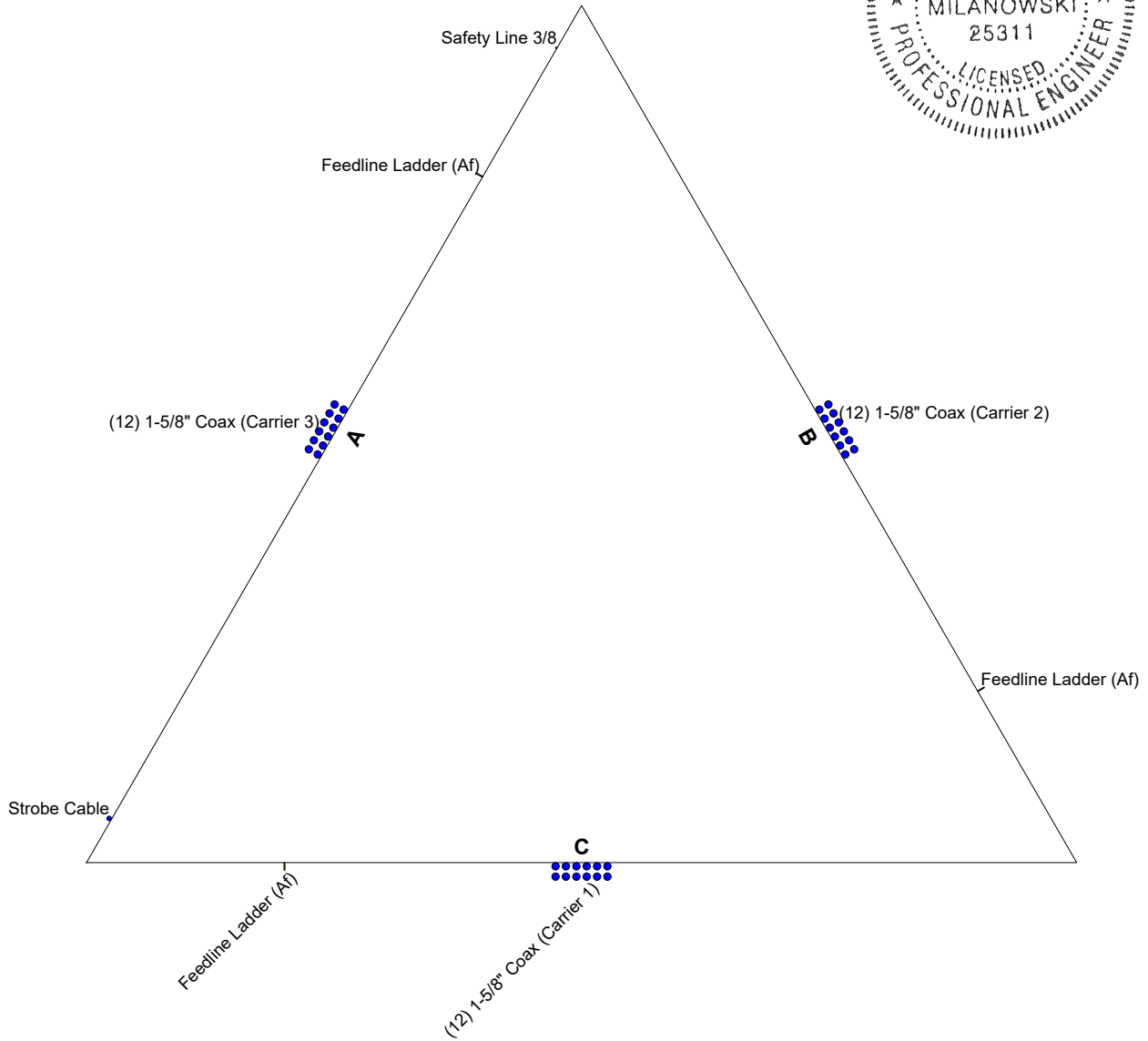
<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

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### Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$\phi P_{allow}$ K	% Capacity	Pass Fail
T1	250 - 240	Leg	1 3/4	1	-6.206	35.668	17.4	Pass
T2	240 - 220	Leg	2	21	-47.527	54.509	87.2	Pass
T3	220 - 200	Leg	2 1/2	48	-96.605	120.108	80.4	Pass
T4	200 - 180	Leg	2 3/4	75	-136.562	161.540	84.5	Pass
T5	180 - 160	Leg	3 1/4	102	-172.587	260.312	66.3	Pass
							71.3 (b)	
T6	160 - 140	Leg	3 1/4	129	-206.210	260.312	79.2	Pass
T7	140 - 120	Leg	3 1/2	156	-238.878	317.273	75.3	Pass
T8	120 - 100	Leg	3 3/4	183	-271.287	379.106	71.6	Pass
T9	100 - 80	Leg	4	210	-304.060	445.717	68.2	Pass
							74.8 (b)	
T10	80 - 60	Leg	4	237	-332.319	445.717	74.6	Pass
T11	60 - 40	Leg	4 1/4	276	-363.659	517.034	70.3	Pass
T12	40 - 20	Leg	4 1/4	315	-394.313	517.034	76.3	Pass
T13	20 - 0	Leg	4 1/2	354	-424.059	593.004	71.5	Pass
T1	250 - 240	Diagonal	L1 3/4x1 3/4x3/16	8	-3.304	15.362	21.5	Pass
							36.5 (b)	
T2	240 - 220	Diagonal	L1 3/4x1 3/4x3/16	22	-5.889	10.354	56.9	Pass
							67.6 (b)	
T3	220 - 200	Diagonal	L2x2x3/16	71	-6.909	14.508	47.6	Pass
							58.1 (b)	
T4	200 - 180	Diagonal	L2 1/2x2 1/2x3/16	80	-5.291	17.824	29.7	Pass
							43.1 (b)	
T5	180 - 160	Diagonal	L2 1/2x2 1/2x3/16	107	-5.658	13.942	40.6	Pass
							45.3 (b)	
T6	160 - 140	Diagonal	L2 1/2x2 1/2x3/16	134	-5.866	11.057	53.0	Pass
T7	140 - 120	Diagonal	L3x3x3/16	161	-6.377	15.733	40.5	Pass
							46.3 (b)	
T8	120 - 100	Diagonal	L3x3x3/16	188	-6.940	13.000	53.4	Pass
T9	100 - 80	Diagonal	L3x3x1/4	215	-7.612	14.213	53.6	Pass
T10	80 - 60	Diagonal	2L2 1/2x2 1/2x3/16x3/8	245	-8.708	19.946	43.7	Pass
T11	60 - 40	Diagonal	2L2 1/2x2 1/2x3/16x3/8	284	-9.146	17.635	51.9	Pass
T12	40 - 20	Diagonal	2L2 1/2x2 1/2x3/16x3/8	323	-9.349	15.641	59.8	Pass
T13	20 - 0	Diagonal	2L3x3x3/16x3/8	362	-9.681	23.170	41.8	Pass
T10	80 - 60	Horizontal	2L1 3/4x1 3/4x3/16x3/8	241	-5.904	9.543	61.9	Pass
T11	60 - 40	Horizontal	2L2x2x3/16x3/8	280	-6.448	11.971	53.9	Pass
T12	40 - 20	Horizontal	2L2 1/2x2 1/2x3/16x3/8	319	-6.976	19.368	36.0	Pass
T13	20 - 0	Horizontal	2L2 1/2x2 1/2x3/16x3/8	358	-7.492	16.912	44.3	Pass
T1	250 - 240	Top Girt	L1 3/4x1 3/4x3/16	4	-1.878	7.681	24.5	Pass
T10	80 - 60	Inner Bracing	L1 3/4x1 3/4x3/16	248	-0.009	1.879	0.5	Pass
T11	60 - 40	Inner Bracing	L1 3/4x1 3/4x3/16	287	-0.010	1.596	0.6	Pass
T12	40 - 20	Inner Bracing	L1 3/4x1 3/4x3/16	326	-0.010	1.372	0.8	Pass
T13	20 - 0	Inner Bracing	L1 3/4x1 3/4x3/16	366	-0.011	1.192	0.9	Pass
							Summary	
							Leg (T2)	87.2 Pass
							Diagonal (T2)	67.6 Pass
							Horizontal (T10)	61.9 Pass
							Top Girt (T1)	24.5 Pass
							Inner Bracing (T13)	0.9 Pass
							Bolt Checks	74.8 Pass
							RATING =	87.2 Pass

# Feed Line Plan



**B+T Group**  
 1717 S Boulder Ave, Suite 300  
 Tulsa, OK 74119  
 Phone: (918) 587-4630  
 FAX: (918) 295-0265

Job: <b>ATS # A428 - Hyattsville (Site# US-KY-5166)</b>		
Project: <b>250' SST /37.5882296, -84.494309</b>		
Client: Vertical Bridge	Drawn by: jjohnson	App'd:
Code: TIA-222-H	Date: 09/08/23	Scale: NTS
Path:	Dwg No. E-7	

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	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

## Tower Input Data

The main tower is a 3x free standing tower with an overall height of 250.000 ft above the ground line.

The base of the tower is set at an elevation of 0.000 ft above the ground line.

The face width of the tower is 4.500 ft at the top and 22.500 ft at the base.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

Tower is located in Garrard County, Kentucky.

Tower base elevation above sea level: 1024.000 ft.

Basic wind speed of 105 mph.

Risk Category II.

Exposure Category C.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.000 ft.

Nominal ice thickness of 1.500 in.

Ice thickness is considered to increase with height.

Ice density of 56.000 pcf.

A wind speed of 30 mph is used in combination with ice.

Temperature drop of 50.000 °F.

Deflections calculated using a wind speed of 60 mph.

Please see feedline plan for proper feedline placement. Deviation from plan may reduce tower capacity.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

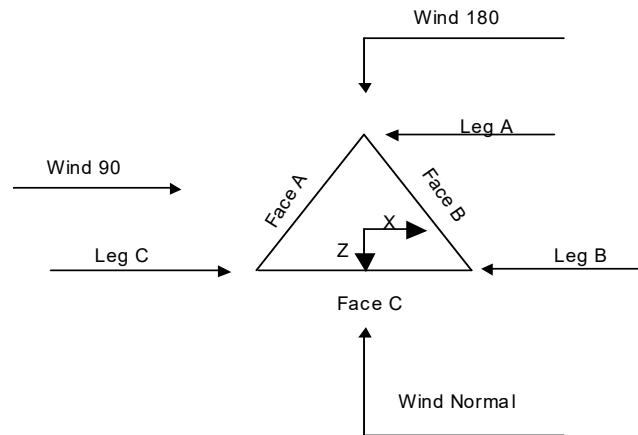
Stress ratio used in tower member design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Options

<ul style="list-style-type: none"> <li>Consider Moments - Legs</li> <li>Consider Moments - Horizontals</li> <li>Consider Moments - Diagonals</li> <li>Use Moment Magnification</li> <li>√ Use Code Stress Ratios</li> <li>√ Use Code Safety Factors - Guys</li> <li>Escalate Ice</li> <li>Always Use Max Kz</li> <li>Use Special Wind Profile</li> <li>√ Include Bolts In Member Capacity</li> <li>√ Leg Bolts Are At Top Of Section</li> <li>√ Secondary Horizontal Braces Leg</li> <li>Use Diamond Inner Bracing (4 Sided)</li> <li>SR Members Have Cut Ends</li> <li>SR Members Are Concentric</li> </ul>	<ul style="list-style-type: none"> <li>Distribute Leg Loads As Uniform</li> <li>Assume Legs Pinned</li> <li>√ Assume Rigid Index Plate</li> <li>√ Use Clear Spans For Wind Area</li> <li>√ Use Clear Spans For KL/r</li> <li>Retension Guys To Initial Tension</li> <li>√ Bypass Mast Stability Checks</li> <li>√ Use Azimuth Dish Coefficients</li> <li>√ Project Wind Area of Appurt.</li> <li>Autocalc Torque Arm Areas</li> <li>Add IBC .6D+W Combination</li> <li>√ Sort Capacity Reports By Component</li> <li>Triangulate Diamond Inner Bracing</li> <li>Treat Feed Line Bundles As Cylinder</li> <li>Ignore KL/ry For 60 Deg. Angle Legs</li> </ul>	<ul style="list-style-type: none"> <li>Use ASCE 10 X-Brace Ly Rules</li> <li>√ Calculate Redundant Bracing Forces</li> <li>Ignore Redundant Members in FEA</li> <li>√ SR Leg Bolts Resist Compression</li> <li>All Leg Panels Have Same Allowable</li> <li>Offset Girt At Foundation</li> <li>√ Consider Feed Line Torque</li> <li>√ Include Angle Block Shear Check</li> <li>Use TIA-222-H Bracing Resist. Exemption</li> <li>Use TIA-222-H Tension Splice Exemption</li> <li style="text-align: center;">Poles</li> <li>Include Shear-Torsion Interaction</li> <li>Always Use Sub-Critical Flow</li> <li>Use Top Mounted Sockets</li> <li>Pole Without Linear Attachments</li> <li>Pole With Shroud Or No Appurtenances</li> <li>Outside and Inside Corner Radii Are Known</li> </ul>
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**Triangular Tower**

### Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	250.000-240.000			4.500	1	10.000
T2	240.000-220.000			4.500	1	20.000
T3	220.000-200.000			6.000	1	20.000
T4	200.000-180.000			7.500	1	20.000
T5	180.000-160.000			9.000	1	20.000
T6	160.000-140.000			10.500	1	20.000
T7	140.000-120.000			12.000	1	20.000
T8	120.000-100.000			13.500	1	20.000
T9	100.000-80.000			15.000	1	20.000
T10	80.000-60.000			16.500	1	20.000
T11	60.000-40.000			18.000	1	20.000
T12	40.000-20.000			19.500	1	20.000
T13	20.000-0.000			21.000	1	20.000

### Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T1	250.000-240.000	4.500	X Brace	No	No	6.000	6.000
T2	240.000-220.000	4.750	X Brace	No	No	6.000	6.000
T3	220.000-200.000	4.750	X Brace	No	No	6.000	6.000
T4	200.000-180.000	4.750	X Brace	No	No	6.000	6.000
T5	180.000-160.000	4.750	X Brace	No	No	6.000	6.000
T6	160.000-140.000	4.750	X Brace	No	No	6.000	6.000
T7	140.000-120.000	4.750	X Brace	No	No	6.000	6.000
T8	120.000-100.000	4.750	X Brace	No	No	6.000	6.000

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Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T9	100.000-80.000	4.750	X Brace	No	No	6.000	6.000
T10	80.000-60.000	4.750	Double K	No	Yes	6.000	6.000
T11	60.000-40.000	4.750	Double K	No	Yes	6.000	6.000
T12	40.000-20.000	4.750	Double K	No	Yes	6.000	6.000
T13	20.000-0.000	4.750	Double K	No	Yes	6.000	6.000

### Tower Section Geometry (cont'd)

Tower Elevation	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
ft						
T1 250.000-240.000	Solid Round	1 3/4	A529-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T2 240.000-220.000	Solid Round	2	A529-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T3 220.000-200.000	Solid Round	2 1/2	A529-50 (50 ksi)	Equal Angle	L2x2x3/16	A36M-50 (50 ksi)
T4 200.000-180.000	Solid Round	2 3/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T5 180.000-160.000	Solid Round	3 1/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T6 160.000-140.000	Solid Round	3 1/4	A529-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36M-50 (50 ksi)
T7 140.000-120.000	Solid Round	3 1/2	A529-50 (50 ksi)	Equal Angle	L3x3x3/16	A36M-50 (50 ksi)
T8 120.000-100.000	Solid Round	3 3/4	A529-50 (50 ksi)	Equal Angle	L3x3x3/16	A36M-50 (50 ksi)
T9 100.000-80.000	Solid Round	4	A529-50 (50 ksi)	Equal Angle	L3x3x1/4	A36M-50 (50 ksi)
T10 80.000-60.000	Solid Round	4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T11 60.000-40.000	Solid Round	4 1/4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T12 40.000-20.000	Solid Round	4 1/4	A529-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T13 20.000-0.000	Solid Round	4 1/2	A529-50 (50 ksi)	Double Angle	2L3x3x3/16x3/8	A36M-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
ft						
T1 250.000-240.000	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)	Solid Round		A529-50 (50 ksi)

### Tower Section Geometry (cont'd)

Tower Elevation	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
ft							
T10 80.000-60.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L1 3/4x1 3/4x3/16x3/8	A36M-50 (50 ksi)
T11 60.000-40.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2x2x3/16x3/8	A36M-50 (50 ksi)

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T12 40.000-20.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)
T13 20.000-0.000	None	Flat Bar		A36 (36 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x3/8	A36M-50 (50 ksi)

**Tower Section Geometry (cont'd)**

Tower Elevation ft	Secondary Horizontal Type	Secondary Horizontal Size	Secondary Horizontal Grade	Inner Bracing Type	Inner Bracing Size	Inner Bracing Grade
T10 80.000-60.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T11 60.000-40.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T12 40.000-20.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)
T13 20.000-0.000	Solid Round		A572-50 (50 ksi)	Equal Angle	L1 3/4x1 3/4x3/16	A36M-50 (50 ksi)

**Tower Section Geometry (cont'd)**

Tower Elevation ft	Gusset Area (per face) ff <sup>2</sup>	Gusset Thickness in	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
T1 250.000-240.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T2 240.000-220.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T3 220.000-200.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T4 200.000-180.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T5 180.000-160.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T6 160.000-140.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T7 140.000-120.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T8 120.000-100.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T9 100.000-80.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	36.000	36.000	36.000
T10 80.000-60.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T11 60.000-40.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T12 40.000-20.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000
T13 20.000-0.000	0.000	0.375	A36M-50 (50 ksi)	1	1	1	Mid-Pt	Mid-Pt	36.000







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### Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1	Flange	0.000	0	0.625	1	0.625	1	0.000	0	0.625	0	0.000	0	0.625	0
250.000-240.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T2	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
240.000-220.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T3	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
220.000-200.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T4	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
200.000-180.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T5	Flange	0.750	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
180.000-160.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T6	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
160.000-140.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T7	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
140.000-120.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T8	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
120.000-100.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T9	Flange	1.000	6	0.625	1	0.000	0	0.000	0	0.625	0	0.000	0	0.625	0
100.000-80.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T10	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
80.000-60.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T11	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
60.000-40.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T12	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
40.000-20.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	
T13	Flange	1.250	6	0.625	1	0.000	0	0.000	0	0.625	0	0.625	1	0.625	0
20.000-0.000		A325N		A325X		A325X		A325N		A325N		A325X		A325N	

### Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
1-5/8" Coax (Carrier 1) **	C	No	No	Ar (CaAa)	245.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
1-5/8" Coax (Carrier 2) **	B	No	No	Ar (CaAa)	235.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
1-5/8" Coax (Carrier 3) **	A	No	No	Ar (CaAa)	225.000 - 10.000	0.000	0	12	6	0.750	1.980		0.001
Safety Line 3/8	A	No	No	Ar (CaAa)	250.000 - 10.000	0.000	0.45	1	1	0.375	0.375		0.000
Strobe Cable **	A	No	No	Ar (CaAa)	250.000 - 10.000	0.000	-0.45	1	1	1.250	1.250		0.001
Feedline Ladder (Af) **	C	No	No	Af (CaAa)	245.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008
Feedline Ladder (Af) **	B	No	No	Af (CaAa)	235.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008
Feedline Ladder (Af) **	A	No	No	Af (CaAa)	225.000 - 10.000	0.000	0.3	1	1	3.000	0.250		0.008

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### Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C <sub>AA</sub> ft <sup>2</sup> /ft	Weight klf
**								

### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
T1	250.000-240.000	A	0.000	0.000	1.625	0.000	0.009
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	12.088	0.000	0.091
T2	240.000-220.000	A	0.000	0.000	15.338	0.000	0.110
		B	0.000	0.000	36.265	0.000	0.274
		C	0.000	0.000	48.353	0.000	0.365
T3	220.000-200.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T4	200.000-180.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T5	180.000-160.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T6	160.000-140.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T7	140.000-120.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T8	120.000-100.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T9	100.000-80.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T10	80.000-60.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T11	60.000-40.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T12	40.000-20.000	A	0.000	0.000	51.603	0.000	0.383
		B	0.000	0.000	48.353	0.000	0.365
		C	0.000	0.000	48.353	0.000	0.365
T13	20.000-0.000	A	0.000	0.000	25.802	0.000	0.192
		B	0.000	0.000	24.177	0.000	0.182
		C	0.000	0.000	24.177	0.000	0.182

### Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
T1	250.000-240.000	A	1.833	0.000	0.000	8.957	0.000	0.128

<p><b>tnxTower</b></p> <p><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	9 of 28
	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	15.188	0.000	0.361
T2	240.000-220.000	A	1.821	0.000	0.000	32.979	0.000	0.612
		B		0.000	0.000	45.474	0.000	1.079
		C		0.000	0.000	60.632	0.000	1.438
T3	220.000-200.000	A	1.805	0.000	0.000	78.147	0.000	1.679
		B		0.000	0.000	60.457	0.000	1.429
		C		0.000	0.000	60.457	0.000	1.429
T4	200.000-180.000	A	1.787	0.000	0.000	77.813	0.000	1.665
		B		0.000	0.000	60.267	0.000	1.420
		C		0.000	0.000	60.267	0.000	1.420
T5	180.000-160.000	A	1.767	0.000	0.000	77.446	0.000	1.651
		B		0.000	0.000	60.058	0.000	1.409
		C		0.000	0.000	60.058	0.000	1.409
T6	160.000-140.000	A	1.745	0.000	0.000	77.038	0.000	1.634
		B		0.000	0.000	59.826	0.000	1.398
		C		0.000	0.000	59.826	0.000	1.398
T7	140.000-120.000	A	1.720	0.000	0.000	76.577	0.000	1.616
		B		0.000	0.000	59.564	0.000	1.385
		C		0.000	0.000	59.564	0.000	1.385
T8	120.000-100.000	A	1.692	0.000	0.000	76.048	0.000	1.595
		B		0.000	0.000	59.263	0.000	1.370
		C		0.000	0.000	59.263	0.000	1.370
T9	100.000-80.000	A	1.658	0.000	0.000	75.425	0.000	1.571
		B		0.000	0.000	58.908	0.000	1.352
		C		0.000	0.000	58.908	0.000	1.352
T10	80.000-60.000	A	1.617	0.000	0.000	74.661	0.000	1.542
		B		0.000	0.000	58.474	0.000	1.331
		C		0.000	0.000	58.474	0.000	1.331
T11	60.000-40.000	A	1.564	0.000	0.000	73.669	0.000	1.504
		B		0.000	0.000	57.910	0.000	1.304
		C		0.000	0.000	57.910	0.000	1.304
T12	40.000-20.000	A	1.486	0.000	0.000	72.226	0.000	1.450
		B		0.000	0.000	57.089	0.000	1.265
		C		0.000	0.000	57.089	0.000	1.265
T13	20.000-0.000	A	1.331	0.000	0.000	34.681	0.000	0.673
		B		0.000	0.000	27.732	0.000	0.595
		C		0.000	0.000	27.732	0.000	0.595

### Feed Line Center of Pressure

Section	Elevation ft	CP <sub>x</sub> in	CP <sub>z</sub> in	CP <sub>x</sub> Ice in	CP <sub>z</sub> Ice in
T1	250.000-240.000	-0.929	2.131	-2.093	1.047
T2	240.000-220.000	0.775	-0.791	-0.328	0.008
T3	220.000-200.000	-0.610	-3.476	-1.456	-2.559
T4	200.000-180.000	-0.645	-3.667	-1.608	-2.830
T5	180.000-160.000	-0.702	-3.965	-1.766	-3.110
T6	160.000-140.000	-0.762	-4.289	-1.913	-3.381
T7	140.000-120.000	-0.748	-4.231	-1.956	-3.492
T8	120.000-100.000	-0.783	-4.423	-2.048	-3.685
T9	100.000-80.000	-0.813	-4.591	-2.125	-3.858
T10	80.000-60.000	-1.067	-5.909	-2.559	-4.648
T11	60.000-40.000	-1.092	-6.055	-2.616	-4.833
T12	40.000-20.000	-1.104	-6.140	-2.629	-4.994
T13	20.000-0.000	-0.614	-3.487	-1.465	-2.987

**tnxTower**

**B+T Group**  
 1717 S Boulder Ave, Suite 300  
 Tulsa, OK 74119  
 Phone: (918) 587-4630  
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**Job**

ATS # A428 - Hyattsville (Site# US-KY-5166)

**Page**

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**Project**

250' SST /37.5882296, -84.494309

**Date**

13:49:38 09/08/23

**Client**

Vertical Bridge

**Designed by**

jjohnson

**Shielding Factor Ka**

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
T1	1	1-5/8" Coax	240.00 - 245.00	0.6000	0.5535
T1	7	Safety Line 3/8	240.00 - 250.00	0.6000	0.5535
T1	8	Strobe Cable	240.00 - 250.00	0.6000	0.5535
T1	10	Feedline Ladder (Af)	240.00 - 245.00	0.6000	0.5535
T2	1	1-5/8" Coax	220.00 - 240.00	0.6000	0.6000
T2	3	1-5/8" Coax	220.00 - 235.00	0.6000	0.6000
T2	5	1-5/8" Coax	220.00 - 225.00	0.6000	0.6000
T2	7	Safety Line 3/8	220.00 - 240.00	0.6000	0.6000
T2	8	Strobe Cable	220.00 - 240.00	0.6000	0.6000
T2	10	Feedline Ladder (Af)	220.00 - 240.00	0.6000	0.6000
T2	11	Feedline Ladder (Af)	220.00 - 235.00	0.6000	0.6000
T2	12	Feedline Ladder (Af)	220.00 - 225.00	0.6000	0.6000
T3	1	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	3	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	5	1-5/8" Coax	200.00 - 220.00	0.6000	0.6000
T3	7	Safety Line 3/8	200.00 - 220.00	0.6000	0.6000
T3	8	Strobe Cable	200.00 - 220.00	0.6000	0.6000
T3	10	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T3	11	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T3	12	Feedline Ladder (Af)	200.00 - 220.00	0.6000	0.6000
T4	1	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	3	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	5	1-5/8" Coax	180.00 - 200.00	0.6000	0.6000
T4	7	Safety Line 3/8	180.00 - 200.00	0.6000	0.6000
T4	8	Strobe Cable	180.00 - 200.00	0.6000	0.6000
T4	10	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T4	11	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T4	12	Feedline Ladder (Af)	180.00 - 200.00	0.6000	0.6000
T5	1	1-5/8" Coax	160.00 - 180.00	0.6000	0.6000
T5	3	1-5/8" Coax	160.00 -	0.6000	0.6000

# tnxTower

**B+T Group**  
1717 S Boulder Ave, Suite 300  
Tulsa, OK 74119  
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FAX: (918) 295-0265

**Job**

ATS # A428 - Hyattsville (Site# US-KY-5166)

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**Project**

250' SST /37.5882296, -84.494309

**Date**

13:49:38 09/08/23

**Client**

Vertical Bridge

**Designed by**

jjohnson

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	$K_a$ No Ice	$K_a$ Ice
T5	5	1-5/8" Coax	180.00 160.00 - 180.00	0.6000	0.6000
T5	7	Safety Line 3/8	180.00 160.00 - 180.00	0.6000	0.6000
T5	8	Strobe Cable	180.00 160.00 - 180.00	0.6000	0.6000
T5	10	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T5	11	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T5	12	Feedline Ladder (Af)	180.00 160.00 - 180.00	0.6000	0.6000
T6	1	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	3	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	5	1-5/8" Coax	160.00 140.00 - 160.00	0.6000	0.6000
T6	7	Safety Line 3/8	160.00 140.00 - 160.00	0.6000	0.6000
T6	8	Strobe Cable	160.00 140.00 - 160.00	0.6000	0.6000
T6	10	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T6	11	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T6	12	Feedline Ladder (Af)	160.00 140.00 - 160.00	0.6000	0.6000
T7	1	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	3	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	5	1-5/8" Coax	140.00 120.00 - 140.00	0.6000	0.6000
T7	7	Safety Line 3/8	140.00 120.00 - 140.00	0.6000	0.6000
T7	8	Strobe Cable	140.00 120.00 - 140.00	0.6000	0.6000
T7	10	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T7	11	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T7	12	Feedline Ladder (Af)	140.00 120.00 - 140.00	0.6000	0.6000
T8	1	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	3	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	5	1-5/8" Coax	120.00 100.00 - 120.00	0.6000	0.6000
T8	7	Safety Line 3/8	120.00 100.00 - 120.00	0.6000	0.6000
T8	8	Strobe Cable	120.00 100.00 - 120.00	0.6000	0.6000
T8	10	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T8	11	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T8	12	Feedline Ladder (Af)	120.00 100.00 - 120.00	0.6000	0.6000
T9	1	1-5/8" Coax	100.00 - 100.00	0.6000	0.6000

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 12 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
T9	3	1-5/8" Coax	80.00 - 100.00	0.6000	0.6000
T9	5	1-5/8" Coax	80.00 - 100.00	0.6000	0.6000
T9	7	Safety Line 3/8	80.00 - 100.00	0.6000	0.6000
T9	8	Strobe Cable	80.00 - 100.00	0.6000	0.6000
T9	10	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T9	11	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T9	12	Feedline Ladder (Af)	80.00 - 100.00	0.6000	0.6000
T10	1	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	3	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	5	1-5/8" Coax	60.00 - 80.00	0.6000	0.6000
T10	7	Safety Line 3/8	60.00 - 80.00	0.6000	0.6000
T10	8	Strobe Cable	60.00 - 80.00	0.6000	0.6000
T10	10	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T10	11	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T10	12	Feedline Ladder (Af)	60.00 - 80.00	0.6000	0.6000
T11	1	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	3	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	5	1-5/8" Coax	40.00 - 60.00	0.6000	0.6000
T11	7	Safety Line 3/8	40.00 - 60.00	0.6000	0.6000
T11	8	Strobe Cable	40.00 - 60.00	0.6000	0.6000
T11	10	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T11	11	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T11	12	Feedline Ladder (Af)	40.00 - 60.00	0.6000	0.6000
T12	1	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	3	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	5	1-5/8" Coax	20.00 - 40.00	0.6000	0.6000
T12	7	Safety Line 3/8	20.00 - 40.00	0.6000	0.6000
T12	8	Strobe Cable	20.00 - 40.00	0.6000	0.6000
T12	10	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T12	11	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T12	12	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.6000
T13	1	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	3	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	5	1-5/8" Coax	10.00 - 20.00	0.6000	0.6000
T13	7	Safety Line 3/8	10.00 - 20.00	0.6000	0.6000
T13	8	Strobe Cable	10.00 - 20.00	0.6000	0.6000
T13	10	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T13	11	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000
T13	12	Feedline Ladder (Af)	10.00 - 20.00	0.6000	0.6000

### Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Lateral						
			Vert		°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
Lightning Rod 1"x20'	C	From Leg	0.000	0.000	0.000	250.000	No Ice	1.000	1.000	0.040
			0.000				1/2" Ice	2.017	2.017	0.049
			5.000				1" Ice	3.050	3.050	0.065
							2" Ice	5.148	5.148	0.116
							No Ice	2.700	2.700	0.050
Top Beacon	B	From Leg	0.000	0.000	0.000	250.000	No Ice	2.700	2.700	0.050
			0.000				1/2" Ice	3.100	3.100	0.070
			1.000				1" Ice	3.500	3.500	0.090
							2" Ice	4.300	4.300	0.130
**										
Sector1(CaAa=13333.33 Sq.in)No Ice	A	From Leg	4.000	0.000	0.000	245.000	No Ice	92.600	62.040	0.700
			0.000				1/2" Ice	115.750	77.550	1.400



<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	13 of 28
	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement	CAAA Front	CAAA Side	Weight
			ft ft ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
(Carrier 1)			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
Sector2(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	B	From Leg	4.000	0.000	245.000	No Ice 92.600	62.040	0.700
			0.000			1/2" Ice 115.750	77.550	1.400
			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
Sector3(CaAa=13333.33 Sq.in)No Ice (Carrier 1)	C	From Leg	4.000	0.000	245.000	No Ice 92.600	62.040	0.700
			0.000			1/2" Ice 115.750	77.550	1.400
			0.000			1" Ice 138.900	93.060	2.100
						2" Ice 185.200	124.080	3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 2)	A	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 2)	B	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 2)	C	From Leg	4.000	0.000	235.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
**								
Sector1(CaAa=10000 Sq.in)No Ice (Carrier 3)	A	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector2(CaAa=10000 Sq.in)No Ice (Carrier 3)	B	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
Sector3(CaAa=10000 Sq.in)No Ice (Carrier 3)	C	From Leg	4.000	0.000	225.000	No Ice 69.440	46.525	0.700
			0.000			1/2" Ice 86.800	58.156	1.400
			0.000			1" Ice 104.160	69.787	2.100
						2" Ice 138.880	93.050	3.500
**								

## Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice

<p><b>tnxTower</b></p> <p><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p><b>Job</b></p> <p>ATS # A428 - Hyattsville (Site# US-KY-5166)</p>	<p><b>Page</b></p> <p>14 of 28</p>
	<p><b>Project</b></p> <p>250' SST /37.5882296, -84.494309</p>	<p><b>Date</b></p> <p>13:49:38 09/08/23</p>
	<p><b>Client</b></p> <p>Vertical Bridge</p>	<p><b>Designed by</b></p> <p>jjohnson</p>

Comb. No.	Description
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

## Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	250 - 240	Leg	Max Tension	15	7.454	0.003	0.926
			Max. Compression	18	-9.176	0.267	-0.147
			Max. Mx	8	-7.970	0.832	0.152
			Max. My	2	-9.157	-0.003	-0.951
			Max. Vy	8	2.294	-0.317	-0.016
			Max. Vx	2	-2.521	0.001	0.308
		Diagonal	Max Tension	2	3.505	0.000	0.000
			Max. Compression	6	-3.304	0.000	0.000
			Max. Mx	2	-1.149	0.040	-0.001
			Max. My	8	-3.113	-0.002	-0.028
			Max. Vy	27	-0.019	0.016	-0.000
			Max. Vx	8	-0.009	0.000	0.000
		Top Girt	Max Tension	14	1.916	0.000	0.000
			Max. Compression	2	-1.878	0.000	0.000
			Max. Mx	26	-0.048	-0.031	0.000
			Max. My	12	0.070	0.000	0.000
			Max. Vy	26	0.027	0.000	0.000

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	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft		
T2	240 - 220	Leg	Max. Vx	12	-0.000	0.000	0.000		
			Max Tension	15	48.236	1.843	-0.005		
			Max. Compression	2	-54.202	1.300	-0.004		
			Max. Mx	2	-54.198	-2.340	0.007		
			Max. My	4	-1.074	-0.052	-1.264		
			Max. Vy	2	-7.276	1.300	-0.004		
			Max. Vx	4	2.707	-0.034	-0.802		
		Diagonal	Max Tension	4	6.489	0.000	0.000		
			Max. Compression	20	-5.889	0.000	0.000		
			Max. Mx	2	-0.390	0.046	-0.002		
			Max. My	20	-5.883	-0.015	0.046		
			Max. Vy	29	-0.023	0.026	-0.001		
			Max. Vx	20	-0.013	0.000	0.000		
			T3	220 - 200	Leg	Max Tension	15	92.880	2.202
Max. Compression	2	-101.854				0.622	0.000		
Max. Mx	2	-54.225				4.895	-0.015		
Max. My	4	-3.542				-0.028	-2.156		
Max. Vy	2	-7.186				4.895	-0.015		
Max. Vx	4	2.879				-0.022	-0.366		
Diagonal	Max Tension	20				6.235	0.000	0.000	
	Max. Compression	4			-6.909	0.000	0.000		
	Max. Mx	16			2.449	0.031	0.001		
	Max. My	8			-5.382	-0.012	-0.013		
	Max. Vy	34			0.031	0.027	-0.002		
	Max. Vx	8			0.003	0.000	0.000		
	T4	200 - 180			Leg	Max Tension	15	128.863	1.983
Max. Compression						2	-141.245	1.101	0.002
Max. Mx			2	-101.869		4.042	-0.002		
Max. My			4	-4.583		-0.024	-1.808		
Max. Vy			2	-7.172		1.101	0.002		
Max. Vx			4	2.899		-0.011	-0.480		
Diagonal			Max Tension	4		5.616	0.000	0.000	
			Max. Compression	4	-6.129	0.000	0.000		
			Max. Mx	16	3.852	0.048	0.002		
			Max. My	18	-5.949	-0.027	0.014		
			Max. Vy	34	0.043	0.044	-0.004		
			Max. Vx	18	-0.003	0.000	0.000		
			T5	180 - 160	Leg	Max Tension	15	160.778	2.993
Max. Compression						2	-177.187	0.126	0.000
Max. Mx	2	-141.266				4.658	0.006		
Max. My	4	-5.810				-0.021	-1.932		
Max. Vy	2	-7.764				0.126	0.000		
Max. Vx	24	-3.012				-0.004	0.125		
Diagonal	Max Tension	4				5.895	0.000	0.000	
	Max. Compression	4			-6.020	0.000	0.000		
	Max. Mx	34			0.312	0.057	-0.006		
	Max. My	10			-5.837	-0.013	-0.009		
	Max. Vy	34			0.049	0.057	-0.006		
	Max. Vx	38			-0.002	0.000	0.000		
	T6	160 - 140			Leg	Max Tension	15	189.908	2.772
Max. Compression						2	-210.581	0.717	0.003
Max. Mx			2	-177.204		4.008	0.010		
Max. My			24	-7.311		-0.010	1.634		
Max. Vy			2	-8.537		0.717	0.003		
Max. Vx			24	-3.216		-0.004	0.391		
Diagonal			Max Tension	4		6.080	0.000	0.000	
			Max. Compression	4	-6.033	0.000	0.000		
			Max. Mx	32	0.321	0.072	0.007		
			Max. My	38	-0.387	0.068	0.008		
			Max. Vy	32	0.056	0.072	0.007		
			Max. Vx	38	0.002	0.000	0.000		

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft			
T7	140 - 120	Leg	Max Tension	15	217.687	3.143	0.012			
			Max. Compression	2	-243.289	0.716	0.002			
			Max. Mx	2	-210.603	4.970	0.017			
			Max. My	24	-8.804	-0.006	2.001			
			Max. Vy	2	-9.437	0.716	0.002			
			Max. Vx	24	-3.472	-0.001	0.353			
		Diagonal	Max Tension	4	6.565	0.000	0.000			
			Max. Compression	4	-6.486	0.000	0.000			
			Max. Mx	38	0.315	0.101	-0.009			
			Max. My	38	-0.329	0.095	0.010			
			Max. Vy	38	0.071	0.101	-0.009			
			Max. Vx	38	0.003	0.000	0.000			
			T8	120 - 100	Leg	Max Tension	15	244.692	3.406	0.014
						Max. Compression	2	-275.755	0.874	0.004
Max. Mx	2	-243.313				5.422	0.021			
Diagonal	Max. My	24			-10.520	0.009	2.092			
	Max. Vy	2			-10.374	0.874	0.004			
	Max. Vx	24			-3.770	0.003	0.525			
T9	100 - 80	Leg	Max Tension	15	271.158	4.301	0.017			
			Max. Compression	2	-308.516	-0.014	0.003			
			Max. Mx	2	-275.782	6.047	0.026			
			Max. My	24	-12.393	0.029	2.413			
			Max. Vy	2	-11.026	-0.014	0.003			
			Max. Vx	24	-4.451	-0.023	0.621			
		Diagonal	Max Tension	2	7.822	0.000	0.000			
			Max. Compression	4	-7.612	0.000	0.000			
			Max. Mx	38	0.358	0.155	0.014			
			Max. My	38	-0.050	0.140	0.015			
			Max. Vy	38	0.090	0.146	-0.014			
			Max. Vx	38	0.003	0.000	0.000			
			T10	80 - 60	Leg	Max Tension	15	296.832	4.546	0.019
						Max. Compression	2	-340.602	0.099	0.004
Max. Mx	2	-340.576				-5.775	-0.024			
Diagonal	Max. My	24			-14.633	0.026	2.850			
	Max. Vy	2			-11.739	0.099	0.004			
	Max. Vx	24			-4.514	-0.021	0.648			
T11	60 - 40	Diagonal	Max Tension	5	8.710	0.000	0.000			
			Max. Compression	2	-9.081	0.000	0.000			
			Max. Mx	34	1.261	0.241	0.000			
			Max. My	27	-0.030	0.000	0.006			
			Max. Vy	34	-0.095	0.000	0.000			
			Max. Vx	27	0.002	0.000	0.000			
		Horizontal	Max Tension	2	1.258	-0.050	0.001			
			Max. Compression	15	-1.263	-0.036	0.001			
			Max. Mx	37	0.152	-0.151	0.003			
			Max. My	14	0.572	-0.041	0.004			
			Max. Vy	37	0.087	-0.151	0.003			
			Max. Vx	27	-0.002	-0.151	0.003			
			Inner Bracing	Max Tension	1	0.000	0.000	0.000		
				Max. Compression	33	-0.009	0.000	0.000		
Max. Mx	26	-0.009		-0.103	0.000					
Max. My	2	-0.004		0.000	-0.000					
Max. Vy	26	0.047		0.000	0.000					
Max. Vx	2	0.000		0.000	0.000					
T11	60 - 40	Leg	Max Tension	15	321.458	5.319	0.023			

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<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
T12	40 - 20	Diagonal	Max. Compression	2	-372.002	-0.523	0.001	
			Max. Mx	2	-371.972	-6.792	-0.029	
			Max. My	24	-16.918	0.020	2.908	
			Max. Vy	2	-12.529	-0.523	0.001	
			Max. Vx	24	-4.581	-0.022	0.468	
			Max Tension	5	9.032	0.000	0.000	
			Max. Compression	3	-9.188	0.000	0.000	
			Max. Mx	34	1.371	0.271	0.000	
			Max. My	27	0.078	0.000	0.007	
			Max. Vy	34	-0.100	0.000	0.000	
			Max. Vx	27	0.002	0.000	0.000	
			Max Tension	2	1.485	-0.067	0.001	
		Horizontal	Max. Compression	15	-1.405	-0.050	0.002	
			Max. Mx	31	0.003	-0.188	0.004	
			Max. My	14	0.551	-0.057	0.005	
			Max. Vy	31	-0.102	-0.188	0.004	
			Max. Vx	27	-0.002	-0.188	0.004	
			Max Tension	1	0.000	0.000	0.000	
			Inner Bracing	Max. Compression	33	-0.010	0.000	0.000
				Max. Mx	26	-0.009	-0.117	0.000
				Max. My	2	-0.004	0.000	-0.000
				Max. Vy	26	0.049	0.000	0.000
				Max. Vx	2	0.000	0.000	0.000
				Leg	Max Tension	15	344.994	5.031
		Max. Compression			2	-402.506	0.182	0.005
		Max. Mx			2	-402.476	-6.477	-0.027
		Max. My			24	-19.406	0.036	2.761
		Max. Vy			2	-13.306	0.182	0.005
		Max. Vx			24	-4.606	-0.016	0.673
		Diagonal			Max Tension	5	9.149	0.000
			Max. Compression		4	-9.349	0.000	0.000
			Max. Mx		34	1.565	0.299	0.000
			Max. My		27	0.315	0.000	0.007
			Max. Vy		34	0.104	0.000	0.000
			Max. Vx		27	0.002	0.000	0.000
			Horizontal	Max Tension	2	1.417	-0.099	0.001
				Max. Compression	15	-1.368	-0.072	0.002
				Max. Mx	27	-0.043	-0.262	0.005
				Max. My	29	0.116	-0.261	0.007
				Max. Vy	37	-0.125	-0.239	0.004
Max. Vx	29			0.003	-0.261	0.007		
Inner Bracing	Max Tension	1		0.000	0.000	0.000		
	Max. Compression	33		-0.010	0.000	0.000		
	Max. Mx	31		-0.010	-0.129	0.000		
	Max. My	2		-0.005	0.000	-0.000		
	Max. Vy	31		0.050	0.000	0.000		
	Max. Vx	2		0.000	0.000	0.000		
	Leg	Max Tension	15	367.503	5.470	0.026		
		Max. Compression	2	-432.239	0.000	0.000		
		Max. Mx	2	-432.206	-6.998	-0.032		
		Max. My	24	-22.016	0.052	2.979		
		Max. Vy	2	-13.986	0.000	0.000		
		Max. Vx	24	-4.609	0.052	2.979		
Diagonal		Max Tension	5	9.334	0.000	0.000		
		Max. Compression	4	-9.681	0.000	0.000		
		Max. Mx	27	1.983	0.367	0.000		
		Max. My	27	0.942	0.000	0.009		
		Max. Vy	27	-0.120	0.000	0.000		
		Max. Vx	27	0.003	0.000	0.000		
	Horizontal	Max Tension	2	1.566	-0.116	0.002		
		Max. Compression	15	-1.450	-0.081	0.003		

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	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
		Inner Bracing	Max. Mx	27	-0.102	-0.289	0.006
			Max. My	29	0.077	-0.287	0.008
			Max. Vy	27	0.125	-0.289	0.006
			Max. Vx	29	0.003	-0.287	0.008
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	29	-0.011	0.000	0.000
			Max. Mx	35	-0.011	-0.133	0.000
			Max. My	35	-0.010	0.000	-0.000
			Max. Vy	35	0.048	0.000	0.000
			Max. Vx	35	0.000	0.000	0.000

### Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Leg C	Max. Vert	18	429.219	27.088	-15.651
	Max. H <sub>x</sub>	18	429.219	27.088	-15.651
	Max. H <sub>z</sub>	7	-364.275	-23.880	13.800
	Min. Vert	7	-364.275	-23.880	13.800
	Min. H <sub>x</sub>	7	-364.275	-23.880	13.800
	Min. H <sub>z</sub>	18	429.219	27.088	-15.651
Leg B	Max. Vert	10	426.973	-27.022	-15.538
	Max. H <sub>x</sub>	23	-362.211	23.813	13.681
	Max. H <sub>z</sub>	23	-362.211	23.813	13.681
	Min. Vert	23	-362.211	23.813	13.681
	Min. H <sub>x</sub>	10	426.973	-27.022	-15.538
	Min. H <sub>z</sub>	10	426.973	-27.022	-15.538
Leg A	Max. Vert	2	431.324	-0.054	31.397
	Max. H <sub>x</sub>	21	18.420	4.209	0.847
	Max. H <sub>z</sub>	2	431.324	-0.054	31.397
	Min. Vert	15	-366.596	0.058	-27.702
	Min. H <sub>x</sub>	9	18.420	-4.210	0.847
	Min. H <sub>z</sub>	15	-366.596	0.058	-27.702

### Tower Mast Reaction Summary

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead Only	61.513	-0.000	0.000	0.813	0.941	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	73.816	0.000	-51.927	-7925.142	1.143	-2.201
0.9 Dead+1.0 Wind 0 deg - No Ice	55.362	0.000	-51.925	-7910.059	0.857	-2.199
1.2 Dead+1.0 Wind 30 deg - No Ice	73.816	24.611	-42.628	-6601.300	-3810.757	11.827
0.9 Dead+1.0 Wind 30 deg - No Ice	55.362	24.611	-42.626	-6588.689	-3803.657	11.827
1.2 Dead+1.0 Wind 60 deg - No Ice	73.816	41.648	-24.045	-3735.677	-6470.966	-0.401
0.9 Dead+1.0 Wind 60 deg - No Ice	55.362	41.646	-24.045	-3728.662	-6458.669	-0.405
1.2 Dead+1.0 Wind 90 deg - No Ice	73.816	48.857	-0.000	0.944	-7536.402	-12.291

<p style="text-align: center;"><b>tnxTower</b></p> <p style="text-align: center;"><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<b>Job</b>	<b>Page</b>	
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<b>Client</b>	Vertical Bridge	<b>Designed by</b>	
		jjohnson	

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
0.9 Dead+1.0 Wind 90 deg - No Ice	55.362	48.856	-0.000	0.661	-7522.060	-12.297
1.2 Dead+1.0 Wind 120 deg - No Ice	73.816	44.657	25.783	3921.425	-6789.235	2.202
0.9 Dead+1.0 Wind 120 deg - No Ice	55.362	44.655	25.782	3913.609	-6776.416	2.197
1.2 Dead+1.0 Wind 150 deg - No Ice	73.816	24.520	42.470	6566.760	-3789.542	15.879
0.9 Dead+1.0 Wind 150 deg - No Ice	55.362	24.519	42.469	6553.768	-3782.431	15.875
1.2 Dead+1.0 Wind 180 deg - No Ice	73.816	0.000	48.272	7517.803	1.144	2.203
0.9 Dead+1.0 Wind 180 deg - No Ice	55.362	0.000	48.271	7502.921	0.858	2.201
1.2 Dead+1.0 Wind 210 deg - No Ice	73.816	-24.611	42.628	6603.328	3812.942	-11.827
0.9 Dead+1.0 Wind 210 deg - No Ice	55.362	-24.610	42.627	6590.253	3805.211	-11.827
1.2 Dead+1.0 Wind 240 deg - No Ice	73.816	-44.813	25.873	3942.319	6827.715	0.401
0.9 Dead+1.0 Wind 240 deg - No Ice	55.362	-44.811	25.872	3934.455	6814.241	0.404
1.2 Dead+1.0 Wind 270 deg - No Ice	73.816	-48.857	-0.000	0.945	7538.674	12.291
0.9 Dead+1.0 Wind 270 deg - No Ice	55.362	-48.856	-0.000	0.662	7523.761	12.296
1.2 Dead+1.0 Wind 300 deg - No Ice	73.816	-41.492	-23.955	-3714.769	6437.038	-2.203
0.9 Dead+1.0 Wind 300 deg - No Ice	55.362	-41.490	-23.954	-3707.802	6424.253	-2.198
1.2 Dead+1.0 Wind 330 deg - No Ice	73.816	-24.520	-42.470	-6564.719	3791.923	-15.879
0.9 Dead+1.0 Wind 330 deg - No Ice	55.362	-24.520	-42.469	-6552.194	3784.301	-15.876
1.2 Dead+1.0 Ice+1.0 Temp	188.135	0.000	-0.000	0.211	9.361	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	188.135	0.000	-7.167	-1161.968	9.557	-0.811
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	188.135	3.491	-6.046	-988.511	-561.331	0.281
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	188.135	5.980	-3.452	-565.411	-970.279	-0.587
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	188.135	6.952	-0.000	0.298	-1125.195	-1.299
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	188.135	6.182	3.569	577.916	-990.907	0.224
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	188.135	3.483	6.033	986.060	-559.574	1.687
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	188.135	0.000	6.919	1135.228	9.557	0.811
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	188.135	-3.491	6.046	989.106	580.447	-0.281
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	188.135	-6.195	3.576	579.673	1013.065	0.587
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	188.135	-6.952	-0.000	0.299	1144.309	1.299
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	188.135	-5.967	-3.445	-563.652	986.347	-0.224
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	188.135	-3.483	-6.033	-985.465	578.687	-1.687
Dead+Wind 0 deg - Service	61.513	0.000	-16.956	-2584.210	0.947	-0.719
Dead+Wind 30 deg - Service	61.513	8.036	-13.919	-2152.431	-1242.241	3.870

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<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead+Wind 60 deg - Service	61.513	13.599	-7.851	-1217.754	-2109.690	-0.132
Dead+Wind 90 deg - Service	61.513	15.954	-0.000	0.819	-2457.324	-4.022
Dead+Wind 120 deg - Service	61.513	14.582	8.419	1279.435	-2213.674	0.718
Dead+Wind 150 deg - Service	61.513	8.007	13.868	2142.154	-1235.346	5.192
Dead+Wind 180 deg - Service	61.513	0.000	15.762	2452.151	0.946	0.719
Dead+Wind 210 deg - Service	61.513	-8.036	13.919	2154.081	1244.125	-3.870
Dead+Wind 240 deg - Service	61.513	-14.633	8.448	1286.250	2227.372	0.132
Dead+Wind 270 deg - Service	61.513	-15.954	-0.000	0.819	2459.215	4.022
Dead+Wind 300 deg - Service	61.513	-13.548	-7.822	-1210.937	2099.777	-0.718
Dead+Wind 330 deg - Service	61.513	-8.007	-13.868	-2140.503	1237.248	-5.192

### Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.000	-61.513	0.000	0.000	61.513	-0.000	0.000%
2	0.000	-73.816	-51.930	-0.000	73.816	51.927	0.003%
3	0.000	-55.362	-51.930	-0.000	55.362	51.925	0.006%
4	24.613	-73.816	-42.630	-24.611	73.816	42.628	0.003%
5	24.613	-55.362	-42.630	-24.611	55.362	42.626	0.006%
6	41.650	-73.816	-24.047	-41.648	73.816	24.045	0.003%
7	41.650	-55.362	-24.047	-41.646	55.362	24.045	0.005%
8	48.860	-73.816	0.000	-48.857	73.816	0.000	0.003%
9	48.860	-55.362	0.000	-48.856	55.362	0.000	0.006%
10	44.659	-73.816	25.784	-44.657	73.816	-25.783	0.003%
11	44.659	-55.362	25.784	-44.655	55.362	-25.782	0.006%
12	24.522	-73.816	42.473	-24.520	73.816	-42.470	0.003%
13	24.522	-55.362	42.473	-24.519	55.362	-42.469	0.006%
14	0.000	-73.816	48.274	-0.000	73.816	-48.272	0.003%
15	0.000	-55.362	48.274	-0.000	55.362	-48.271	0.005%
16	-24.613	-73.816	42.630	24.611	73.816	-42.628	0.003%
17	-24.613	-55.362	42.630	24.610	55.362	-42.627	0.006%
18	-44.815	-73.816	25.874	44.813	73.816	-25.873	0.003%
19	-44.815	-55.362	25.874	44.811	55.362	-25.872	0.006%
20	-48.860	-73.816	0.000	48.857	73.816	0.000	0.003%
21	-48.860	-55.362	0.000	48.856	55.362	0.000	0.006%
22	-41.494	-73.816	-23.956	41.492	73.816	23.955	0.003%
23	-41.494	-55.362	-23.956	41.490	55.362	23.954	0.005%
24	-24.522	-73.816	-42.473	24.520	73.816	42.470	0.003%
25	-24.522	-55.362	-42.473	24.520	55.362	42.469	0.006%
26	0.000	-188.135	0.000	-0.000	188.135	0.000	0.000%
27	0.000	-188.135	-7.168	-0.000	188.135	7.167	0.000%
28	3.491	-188.135	-6.047	-3.491	188.135	6.046	0.000%
29	5.980	-188.135	-3.453	-5.980	188.135	3.452	0.000%
30	6.953	-188.135	0.000	-6.952	188.135	0.000	0.000%
31	6.182	-188.135	3.569	-6.182	188.135	-3.569	0.000%
32	3.484	-188.135	6.034	-3.483	188.135	-6.033	0.000%
33	0.000	-188.135	6.920	-0.000	188.135	-6.919	0.000%
34	-3.491	-188.135	6.047	3.491	188.135	-6.046	0.000%
35	-6.195	-188.135	3.577	6.195	188.135	-3.576	0.000%
36	-6.953	-188.135	0.000	6.952	188.135	0.000	0.000%
37	-5.967	-188.135	-3.445	5.967	188.135	3.445	0.000%
38	-3.484	-188.135	-6.034	3.483	188.135	6.033	0.000%
39	0.000	-61.513	-16.957	-0.000	61.513	16.956	0.001%
40	8.037	-61.513	-13.920	-8.036	61.513	13.919	0.001%
41	13.600	-61.513	-7.852	-13.599	61.513	7.851	0.002%
42	15.954	-61.513	0.000	-15.954	61.513	0.000	0.001%
43	14.583	-61.513	8.419	-14.582	61.513	-8.419	0.001%



<p><b>tnxTower</b></p> <p><b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	21 of 28	
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Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
44	8.007	-61.513	13.869	-8.007	61.513	-13.868	0.001%
45	0.000	-61.513	15.763	-0.000	61.513	-15.762	0.002%
46	-8.037	-61.513	13.920	8.036	61.513	-13.919	0.001%
47	-14.634	-61.513	8.449	14.633	61.513	-8.448	0.001%
48	-15.954	-61.513	0.000	15.954	61.513	0.000	0.001%
49	-13.549	-61.513	-7.823	13.548	61.513	7.822	0.002%
50	-8.007	-61.513	-13.869	8.007	61.513	13.868	0.001%

### Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.0000001	0.0000001
2	Yes	13	0.00004126	0.00009179
3	Yes	12	0.00006973	0.00014838
4	Yes	13	0.00003946	0.00008803
5	Yes	12	0.00006587	0.00014055
6	Yes	13	0.00003761	0.00008406
7	Yes	12	0.00006188	0.00013229
8	Yes	13	0.00003942	0.00008791
9	Yes	12	0.00006581	0.00014035
10	Yes	13	0.00004120	0.00009162
11	Yes	12	0.00006961	0.00014806
12	Yes	13	0.00003944	0.00008798
13	Yes	12	0.00006584	0.00014047
14	Yes	13	0.00003761	0.00008410
15	Yes	12	0.00006188	0.00013234
16	Yes	13	0.00003946	0.00008804
17	Yes	12	0.00006587	0.00014056
18	Yes	13	0.00004123	0.00009170
19	Yes	12	0.00006967	0.00014820
20	Yes	13	0.00003942	0.00008791
21	Yes	12	0.00006581	0.00014035
22	Yes	13	0.00003761	0.00008404
23	Yes	12	0.00006188	0.00013228
24	Yes	13	0.00003944	0.00008797
25	Yes	12	0.00006584	0.00014045
26	Yes	6	0.0000001	0.00001020
27	Yes	14	0.0000001	0.00008949
28	Yes	14	0.0000001	0.00008850
29	Yes	14	0.0000001	0.00008777
30	Yes	14	0.0000001	0.00008806
31	Yes	14	0.0000001	0.00008909
32	Yes	14	0.0000001	0.00008878
33	Yes	14	0.0000001	0.00008883
34	Yes	14	0.0000001	0.00008943
35	Yes	14	0.0000001	0.00009004
36	Yes	14	0.0000001	0.00008893
37	Yes	14	0.0000001	0.00008830
38	Yes	14	0.0000001	0.00008870
39	Yes	13	0.0000001	0.00007209
40	Yes	13	0.0000001	0.00007100
41	Yes	12	0.0000001	0.00014968
42	Yes	13	0.0000001	0.00007090
43	Yes	13	0.0000001	0.00007199
44	Yes	13	0.0000001	0.00007098
45	Yes	12	0.0000001	0.00014983
46	Yes	13	0.0000001	0.00007102
47	Yes	13	0.0000001	0.00007204

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48	Yes	13	0.00000001	0.00007090
49	Yes	12	0.00000001	0.00014959
50	Yes	13	0.00000001	0.00007095

### Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	250 - 240	11.288	39	0.420	0.032
T2	240 - 220	10.368	39	0.418	0.032
T3	220 - 200	8.560	39	0.389	0.029
T4	200 - 180	6.921	39	0.345	0.026
T5	180 - 160	5.514	39	0.294	0.023
T6	160 - 140	4.301	39	0.254	0.020
T7	140 - 120	3.258	39	0.212	0.016
T8	120 - 100	2.385	39	0.174	0.013
T9	100 - 80	1.655	39	0.141	0.009
T10	80 - 60	1.065	39	0.111	0.006
T11	60 - 40	0.622	39	0.080	0.005
T12	40 - 20	0.300	39	0.052	0.003
T13	20 - 0	0.092	39	0.025	0.001

### Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
250.000	Lightning Rod 1"x20'	39	11.288	0.420	0.032	Inf
245.000	Sector1(CaAa=13333.33 Sq.in)No Ice	39	10.828	0.420	0.032	Inf
235.000	Sector1(CaAa=10000 Sq.in)No Ice	39	9.909	0.414	0.031	97171
225.000	Sector1(CaAa=10000 Sq.in)No Ice	39	9.002	0.399	0.030	33083

### Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	250 - 240	34.668	2	1.292	0.097
T2	240 - 220	31.841	2	1.286	0.097
T3	220 - 200	26.280	2	1.196	0.089
T4	200 - 180	21.244	2	1.058	0.080
T5	180 - 160	16.923	2	0.903	0.071
T6	160 - 140	13.201	2	0.781	0.060
T7	140 - 120	9.998	2	0.651	0.049
T8	120 - 100	7.320	2	0.535	0.039
T9	100 - 80	5.080	2	0.432	0.028
T10	80 - 60	3.267	2	0.340	0.020
T11	60 - 40	1.908	2	0.245	0.014
T12	40 - 20	0.921	2	0.161	0.009
T13	20 - 0	0.283	2	0.076	0.004

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### Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
250.000	Lightning Rod 1"x20'	2	34.668	1.292	0.097	784336
245.000	Sector1(CaAa=13333.33 Sq.in)No Ice	2	33.254	1.291	0.097	784336
235.000	Sector1(CaAa=10000 Sq.in)No Ice	2	30.428	1.272	0.095	32258
225.000	Sector1(CaAa=10000 Sq.in)No Ice	2	27.639	1.226	0.092	10843

### Bolt Design Data

Section No.	Elevation	Component Type	Bolt Grade	Bolt Size	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria	
	ft			in							
T1	250	Diagonal	A325X	0.625	1	3.505	9.598	0.365	✓	1	Member Block Shear
		Top Girt	A325X	0.625	1	1.916	9.598	0.200	✓	1	Member Block Shear
T2	240	Leg	A325N	0.750	6	1.258	30.101	0.042	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.489	9.598	0.676	✓	1	Member Block Shear
T3	220	Leg	A325N	0.750	6	8.037	30.101	0.267	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.235	10.740	0.581	✓	1	Member Block Shear
T4	200	Leg	A325N	0.750	6	15.479	30.101	0.514	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	5.616	13.025	0.431	✓	1	Member Block Shear
T5	180	Leg	A325N	0.750	6	21.475	30.101	0.713	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	5.895	13.025	0.453	✓	1	Member Block Shear
T6	160	Leg	A325N	1.000	6	26.794	54.517	0.491	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.080	13.025	0.467	✓	1	Member Block Shear
T7	140	Leg	A325N	1.000	6	31.649	54.517	0.581	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	6.565	14.168	0.463	✓	1	Member Block Shear
T8	120	Leg	A325N	1.000	6	36.279	54.517	0.665	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	7.046	14.168	0.497	✓	1	Member Block Shear
T9	100	Leg	A325N	1.000	6	40.779	54.517	0.748	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	7.822	17.257	0.453	✓	1	Bolt Shear
T10	80	Leg	A325N	1.250	6	45.190	87.220	0.518	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	8.710	26.051	0.334	✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	5.904	19.195	0.308	✓	1	Member Block Shear
T11	60	Leg	A325N	1.250	6	49.469	87.220	0.567	✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	9.032	26.051	0.347	✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	6.448	21.480	0.300	✓	1	Member Block Shear
T12	40	Leg	A325N	1.250	6	53.573	87.220	0.614	✓	1	Bolt Tension

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Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T13	20	Diagonal	A325X	0.625	1	9.149	26.051	0.351 ✓	1	Member Block Shear
		Horizontal	A325X	0.625	1	6.976	26.051	0.268 ✓	1	Member Block Shear
		Leg	A325N	1.250	6	57.496	87.220	0.659 ✓	1	Bolt Tension
		Diagonal	A325X	0.625	1	9.681	29.250	0.331 ✓	1	Member Bearing
		Horizontal	A325X	0.625	1	7.492	26.051	0.288 ✓	1	Member Block Shear

### Compression Checks

### Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
T1	250 - 240	1 3/4	10.000	4.500	123.4 K=1.00	2.405	-6.206	35.668	0.174 <sup>1</sup> ✓
T2	240 - 220	2	20.019	4.754	114.1 K=1.00	3.142	-47.527	54.509	0.872 <sup>1</sup> ✓
T3	220 - 200	2 1/2	20.019	4.754	91.3 K=1.00	4.909	-96.605	120.108	0.804 <sup>1</sup> ✓
T4	200 - 180	2 3/4	20.019	4.754	83.0 K=1.00	5.940	-136.562	161.540	0.845 <sup>1</sup> ✓
T5	180 - 160	3 1/4	20.019	4.754	70.2 K=1.00	8.296	-172.587	260.312	0.663 <sup>1</sup> ✓
T6	160 - 140	3 1/4	20.019	4.754	70.2 K=1.00	8.296	-206.210	260.312	0.792 <sup>1</sup> ✓
T7	140 - 120	3 1/2	20.019	4.754	65.2 K=1.00	9.621	-238.878	317.273	0.753 <sup>1</sup> ✓
T8	120 - 100	3 3/4	20.019	4.754	60.9 K=1.00	11.045	-271.287	379.106	0.716 <sup>1</sup> ✓
T9	100 - 80	4	20.019	4.754	57.1 K=1.00	12.566	-304.060	445.717	0.682 <sup>1</sup> ✓
T10	80 - 60	4	20.019	4.754	57.1 K=1.00	12.566	-332.319	445.717	0.746 <sup>1</sup> ✓
T11	60 - 40	4 1/4	20.019	4.754	53.7 K=1.00	14.186	-363.659	517.034	0.703 <sup>1</sup> ✓
T12	40 - 20	4 1/4	20.019	4.754	53.7 K=1.00	14.186	-394.313	517.034	0.763 <sup>1</sup> ✓
T13	20 - 0	4 1/2	20.019	4.754	50.7 K=1.00	15.904	-424.059	593.004	0.715 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
T1	250 - 240	L1 3/4x1 3/4x3/16	6.364	3.079	107.6 K=1.00	0.621	-3.304	15.362	0.215 <sup>1</sup> ✓
T2	240 - 220	L1 3/4x1 3/4x3/16	7.485	3.750	131.0 K=1.00	0.621	-5.889	10.354	0.569 <sup>1</sup> ✓

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 25 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T3	220 - 200	L2x2x3/16	7.823	3.899	118.8 K=1.00	0.715	-6.909	14.508	0.476 <sup>1</sup> ✓
T4	200 - 180	L2 1/2x2 1/2x3/16	9.987	4.964	120.3 K=1.00	0.902	-5.291	17.824	0.297 <sup>1</sup> ✓
T5	180 - 160	L2 1/2x2 1/2x3/16	11.329	5.613	136.1 K=1.00	0.902	-5.658	13.942	0.406 <sup>1</sup> ✓
T6	160 - 140	L2 1/2x2 1/2x3/16	12.706	6.303	152.8 K=1.00	0.902	-5.866	11.057	0.530 <sup>1</sup> ✓
T7	140 - 120	L3x3x3/16	14.108	6.994	140.8 K=1.00	1.090	-6.377	15.733	0.405 <sup>1</sup> ✓
T8	120 - 100	L3x3x3/16	15.529	7.694	154.9 K=1.00	1.090	-6.940	13.000	0.534 <sup>1</sup> ✓
T9	100 - 80	L3x3x1/4	16.963	8.401	170.3 K=1.00	1.440	-7.612	14.213	0.536 <sup>1</sup> ✓
T10	80 - 60	2L2 1/2x2 1/2x3/16x3/8	10.161	9.972	157.8 K=1.00	1.800	-8.708	19.946	0.437 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 57.102 in - 245 2L2 1/2x2 1/2x3/16x3/8	10.829	10.632	168.2 K=1.00	1.800	-9.146	17.635	0.519 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 60.882 in - 284 2L2 1/2x2 1/2x3/16x3/8	11.508	11.313	179.0 K=1.00	1.800	-9.349	15.641	0.598 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 64.783 in - 323 2L3x3x3/16x3/8 2L 'a' > 68.500 in - 362	12.195	11.991	159.5 K=1.00	2.180	-9.681	23.170	0.418 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	2L1 3/4x1 3/4x3/16x3/8	17.606	8.636	193.0 K=1.00	1.242	-5.904	9.543	0.619 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 49.718 in - 241 2L2x2x3/16x3/8	19.106	9.376	183.4 K=1.00	1.430	-6.448	11.971	0.539 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 53.886 in - 280 2L2 1/2x2 1/2x3/16x3/8	20.606	10.126	160.2 K=1.00	1.800	-6.976	19.368	0.360 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 57.984 in - 319 2L2 1/2x2 1/2x3/16x3/8 2L 'a' > 62.219 in - 358	22.106	10.866	171.9 K=1.00	1.800	-7.492	16.912	0.443 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	4.500	4.354	152.1 K=1.00	0.621	-1.878	7.681	0.245 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b> 26 of 28
	<b>Project</b> 250' SST /37.5882296, -84.494309	<b>Date</b> 13:49:38 09/08/23
	<b>Client</b> Vertical Bridge	<b>Designed by</b> jjohnson

### Inner Bracing Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	L1 3/4x1 3/4x3/16	8.803	8.803	307.6 K=1.00	0.621	-0.009	1.879	0.005 <sup>1</sup> ✓
T11	60 - 40	KL/R > 250 (C) - 248 L1 3/4x1 3/4x3/16	9.553	9.553	333.8 K=1.00	0.621	-0.010	1.596	0.006 <sup>1</sup> ✓
T12	40 - 20	KL/R > 250 (C) - 287 L1 3/4x1 3/4x3/16	10.303	10.303	360.0 K=1.00	0.621	-0.010	1.372	0.008 <sup>1</sup> ✓
T13	20 - 0	KL/R > 250 (C) - 326 L1 3/4x1 3/4x3/16  KL/R > 250 (C) - 366	11.053	11.053	386.2 K=1.00	0.621	-0.011	1.192	0.009 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Tension Checks

### Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	1 3/4	10.000	0.500	13.7	2.405	7.454	108.238	0.069 <sup>1</sup> ✓
T2	240 - 220	2	20.019	0.500	12.0	3.142	48.236	141.372	0.341 <sup>1</sup> ✓
T3	220 - 200	2 1/2	20.019	0.500	9.6	4.909	92.880	220.893	0.420 <sup>1</sup> ✓
T4	200 - 180	2 3/4	20.019	0.500	8.7	5.940	128.863	267.281	0.482 <sup>1</sup> ✓
T5	180 - 160	3 1/4	20.019	0.500	7.4	8.296	160.778	373.310	0.431 <sup>1</sup> ✓
T6	160 - 140	3 1/4	20.019	0.500	7.4	8.296	189.908	373.310	0.509 <sup>1</sup> ✓
T7	140 - 120	3 1/2	20.019	0.500	6.9	9.621	217.687	432.951	0.503 <sup>1</sup> ✓
T8	120 - 100	3 3/4	20.019	0.500	6.4	11.045	244.692	497.010	0.492 <sup>1</sup> ✓
T9	100 - 80	4	20.019	0.500	6.0	12.566	271.158	565.487	0.480 <sup>1</sup> ✓
T10	80 - 60	4	20.019	0.500	6.0	12.566	296.832	565.487	0.525 <sup>1</sup> ✓
T11	60 - 40	4 1/4	20.019	0.500	5.7	14.186	321.458	638.381	0.504 <sup>1</sup> ✓
T12	40 - 20	4 1/4	20.019	0.500	5.7	14.186	344.994	638.381	0.540 <sup>1</sup> ✓
T13	20 - 0	4 1/2	20.019	0.500	5.3	15.904	367.503	715.694	0.513 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	6.364	3.079	68.8	0.360	3.505	17.567	0.200 <sup>1</sup> ✓
T2	240 - 220	L1 3/4x1 3/4x3/16	7.485	3.750	83.8	0.360	6.489	17.567	0.369 <sup>1</sup> ✓

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	27 of 28	
	<b>Project</b>	250' SST /37.5882296, -84.494309		<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge		<b>Designed by</b>	jjohnson

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T3	220 - 200	L2x2x3/16	7.823	3.899	75.8	0.431	6.235	21.001	0.297 <sup>1</sup> ✓
T4	200 - 180	L2 1/2x2 1/2x3/16	9.987	4.964	76.6	0.571	5.616	27.838	0.202 <sup>1</sup> ✓
T5	180 - 160	L2 1/2x2 1/2x3/16	11.329	5.613	86.6	0.571	5.895	27.838	0.212 <sup>1</sup> ✓
T6	160 - 140	L2 1/2x2 1/2x3/16	12.706	6.303	97.2	0.571	6.080	27.838	0.218 <sup>1</sup> ✓
T7	140 - 120	L3x3x3/16	14.108	6.994	89.4	0.712	6.565	34.712	0.189 <sup>1</sup> ✓
T8	120 - 100	L3x3x3/16	15.529	7.694	98.3	0.712	7.046	34.712	0.203 <sup>1</sup> ✓
T9	100 - 80	L3x3x1/4	16.963	8.401	108.4	0.939	7.822	45.794	0.171 <sup>1</sup> ✓
T10	80 - 60	2L2 1/2x2 1/2x3/16x3/8	10.161	9.972	153.8	1.139	8.710	55.529	0.157 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 57.102 in - 246 2L2 1/2x2 1/2x3/16x3/8	10.829	10.632	164.0	1.139	9.032	55.529	0.163 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 60.882 in - 285 2L2 1/2x2 1/2x3/16x3/8	11.508	11.313	174.5	1.139	9.149	55.529	0.165 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 64.783 in - 324 2L3x3x3/16x3/8 2L 'a' > 68.500 in - 363	12.195	11.991	153.2	1.424	9.334	69.423	0.134 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T10	80 - 60	2L1 3/4x1 3/4x3/16x3/8	17.606	8.636	193.0	0.721	5.904	35.134	0.168 <sup>1</sup> ✓
T11	60 - 40	2L 'a' > 49.718 in - 241 2L2x2x3/16x3/8	18.394	9.020	175.4	0.862	6.448	42.001	0.154 <sup>1</sup> ✓
T12	40 - 20	2L 'a' > 51.838 in - 298 2L2 1/2x2 1/2x3/16x3/8	19.894	9.770	150.7	1.139	6.976	55.529	0.126 <sup>1</sup> ✓
T13	20 - 0	2L 'a' > 55.944 in - 337 2L2 1/2x2 1/2x3/16x3/8 2L 'a' > 60.179 in - 376	21.394	10.509	162.1	1.139	7.492	55.529	0.135 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

### Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
T1	250 - 240	L1 3/4x1 3/4x3/16	4.500	4.354	97.3	0.360	1.916	17.567	0.109 <sup>1</sup> ✓

<sup>1</sup> P<sub>u</sub> / φP<sub>n</sub> controls

<b>tnxTower</b>  <b>B+T Group</b> 1717 S Boulder Ave, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	ATS # A428 - Hyattsville (Site# US-KY-5166)	<b>Page</b>	28 of 28
	<b>Project</b>	250' SST /37.5882296, -84.494309	<b>Date</b>	13:49:38 09/08/23
	<b>Client</b>	Vertical Bridge	<b>Designed by</b>	jjohnson

### Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$\phi P_{allow}$ K	% Capacity	Pass Fail
T1	250 - 240	Leg	1 3/4	1	-6.206	35.668	17.4	Pass
T2	240 - 220	Leg	2	21	-47.527	54.509	87.2	Pass
T3	220 - 200	Leg	2 1/2	48	-96.605	120.108	80.4	Pass
T4	200 - 180	Leg	2 3/4	75	-136.562	161.540	84.5	Pass
T5	180 - 160	Leg	3 1/4	102	-172.587	260.312	66.3	Pass
							71.3 (b)	
T6	160 - 140	Leg	3 1/4	129	-206.210	260.312	79.2	Pass
T7	140 - 120	Leg	3 1/2	156	-238.878	317.273	75.3	Pass
T8	120 - 100	Leg	3 3/4	183	-271.287	379.106	71.6	Pass
T9	100 - 80	Leg	4	210	-304.060	445.717	68.2	Pass
							74.8 (b)	
T10	80 - 60	Leg	4	237	-332.319	445.717	74.6	Pass
T11	60 - 40	Leg	4 1/4	276	-363.659	517.034	70.3	Pass
T12	40 - 20	Leg	4 1/4	315	-394.313	517.034	76.3	Pass
T13	20 - 0	Leg	4 1/2	354	-424.059	593.004	71.5	Pass
T1	250 - 240	Diagonal	L1 3/4x1 3/4x3/16	8	-3.304	15.362	21.5	Pass
							36.5 (b)	
T2	240 - 220	Diagonal	L1 3/4x1 3/4x3/16	22	-5.889	10.354	56.9	Pass
							67.6 (b)	
T3	220 - 200	Diagonal	L2x2x3/16	71	-6.909	14.508	47.6	Pass
							58.1 (b)	
T4	200 - 180	Diagonal	L2 1/2x2 1/2x3/16	80	-5.291	17.824	29.7	Pass
							43.1 (b)	
T5	180 - 160	Diagonal	L2 1/2x2 1/2x3/16	107	-5.658	13.942	40.6	Pass
							45.3 (b)	
T6	160 - 140	Diagonal	L2 1/2x2 1/2x3/16	134	-5.866	11.057	53.0	Pass
T7	140 - 120	Diagonal	L3x3x3/16	161	-6.377	15.733	40.5	Pass
							46.3 (b)	
T8	120 - 100	Diagonal	L3x3x3/16	188	-6.940	13.000	53.4	Pass
T9	100 - 80	Diagonal	L3x3x1/4	215	-7.612	14.213	53.6	Pass
T10	80 - 60	Diagonal	2L2 1/2x2 1/2x3/16x3/8	245	-8.708	19.946	43.7	Pass
T11	60 - 40	Diagonal	2L2 1/2x2 1/2x3/16x3/8	284	-9.146	17.635	51.9	Pass
T12	40 - 20	Diagonal	2L2 1/2x2 1/2x3/16x3/8	323	-9.349	15.641	59.8	Pass
T13	20 - 0	Diagonal	2L3x3x3/16x3/8	362	-9.681	23.170	41.8	Pass
T10	80 - 60	Horizontal	2L1 3/4x1 3/4x3/16x3/8	241	-5.904	9.543	61.9	Pass
T11	60 - 40	Horizontal	2L2x2x3/16x3/8	280	-6.448	11.971	53.9	Pass
T12	40 - 20	Horizontal	2L2 1/2x2 1/2x3/16x3/8	319	-6.976	19.368	36.0	Pass
T13	20 - 0	Horizontal	2L2 1/2x2 1/2x3/16x3/8	358	-7.492	16.912	44.3	Pass
T1	250 - 240	Top Girt	L1 3/4x1 3/4x3/16	4	-1.878	7.681	24.5	Pass
T10	80 - 60	Inner Bracing	L1 3/4x1 3/4x3/16	248	-0.009	1.879	0.5	Pass
T11	60 - 40	Inner Bracing	L1 3/4x1 3/4x3/16	287	-0.010	1.596	0.6	Pass
T12	40 - 20	Inner Bracing	L1 3/4x1 3/4x3/16	326	-0.010	1.372	0.8	Pass
T13	20 - 0	Inner Bracing	L1 3/4x1 3/4x3/16	366	-0.011	1.192	0.9	Pass
							Summary	
							Leg (T2)	87.2 Pass
							Diagonal (T2)	67.6 Pass
							Horizontal (T10)	61.9 Pass
							Top Girt (T1)	24.5 Pass
							Inner Bracing (T13)	0.9 Pass
							Bolt Checks	74.8 Pass
							RATING =	87.2 Pass



**EXHIBIT D**  
**COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST**

# KY Public Service Commission

## Master Utility Search

- Search for the utility of interest by using any single or combination of criteria.

- Enter Partial names to return the closest match for Utility Name and Address/City/Contact entries.

Utility ID	Utility Name	Address/City/Contact	Utility Type	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Active <input type="text"/>

	Utility ID	Utility Name	Utility Type	Class	City	State
<input type="button" value="View"/>	4111300	2600Hz, Inc. dba ZSWITCH	Cellular	D	Henderson	NV
<input type="button" value="View"/>	4113600	AFNET, LLC	Cellular	C	Alpharetta	GA
<input type="button" value="View"/>	4108300	Air Voice Wireless, LLC d/b/a AirTalk Wireless	Cellular	A	Houston	TX
<input type="button" value="View"/>	4113150	ALLDATA COMMUNICATIONS CORP.	Cellular	D	Brooklyn	NY
<input type="button" value="View"/>	4111900	ALLNETAIR, INC.	Cellular	D	West Palm Beach	FL
<input type="button" value="View"/>	44451184	Alltel Corporation d/b/a Verizon Wireless	Cellular	A	Lisle	IL
<input type="button" value="View"/>	4110850	AltaWorx, LLC	Cellular	D	Fairhope	AL
<input type="button" value="View"/>	4107800	American Broadband and Telecommunications Company	Cellular	D	Toledo	OH
<input type="button" value="View"/>	4108650	AmeriMex Communications Corp.	Cellular	A	Safety Harbor	FL
<input type="button" value="View"/>	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
<input type="button" value="View"/>	4105700	Assurance Wireless USA, L.P.	Cellular	C	Atlanta	GA
<input type="button" value="View"/>	4113100	BARK TECHNOLOGIES, INC.	Cellular	D	Atlanta	GA
<input type="button" value="View"/>	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
<input type="button" value="View"/>	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
<input type="button" value="View"/>	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
<input type="button" value="View"/>	4107600	Boomerang Wireless, LLC	Cellular	B	Dallas	TX
<input type="button" value="View"/>	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
<input type="button" value="View"/>	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX

<a href="#">View</a>	4112900	Clear Mobile, LLC	Cellular	D	Edmond	OK
<a href="#">View</a>	4111150	Comcast OTR1, LLC	Cellular	B	Phoeniexville	PA
<a href="#">View</a>	4113550	Comlink Total Solutions Corp	Cellular	C	Fort Myers	FL
<a href="#">View</a>	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
<a href="#">View</a>	4112700	Cox Wireless, LLC	Cellular	D	Atlanta	GA
<a href="#">View</a>	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
<a href="#">View</a>	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	C	Long Island City	NY
<a href="#">View</a>	4114000	Daywalker Mobile Inc.	Cellular		Bartlesville	OK
<a href="#">View</a>	4112000	DISH Wireless L.L.C.	Cellular	A	Englewood	CO
<a href="#">View</a>	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
<a href="#">View</a>	4111800	Earthlink, LLC	Cellular	B	Atlanta	GA
<a href="#">View</a>	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
<a href="#">View</a>	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
<a href="#">View</a>	4113250	Elevate Platforms, LLC	Cellular	D	Nashville	TN
<a href="#">View</a>	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK
<a href="#">View</a>	4113800	EVOLVE WIRELESS LLC	Cellular	C	Maumee	OH
<a href="#">View</a>	4110450	Excellus Communications, LLC	Cellular	D	Harrisburg	SD
<a href="#">View</a>	4112400	Excess Telecom Inc.	Cellular	D	Beverly Hills	CA
<a href="#">View</a>	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Herndon	VA
<a href="#">View</a>	4111750	Gabb Wireless, Inc.	Cellular	B	Lehi	UT
<a href="#">View</a>	4109350	Global Connection Inc. of America	Cellular	D	Newport	KY
<a href="#">View</a>	4102200	Globalstar USA, LLC	Cellular	C	Covington	LA
<a href="#">View</a>	4112850	GO TECHNOLOGY MANAGEMENT, LLC	Cellular	D	Atlanta	GA
<a href="#">View</a>	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
<a href="#">View</a>	4113500	GR8 CONNECT Corp.	Cellular	C	Brooklyn	NY
<a href="#">View</a>	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
<a href="#">View</a>	4114050	Helix Wireless Inc.	Cellular	C	Monmouth Junction	NJ
<a href="#">View</a>	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
<a href="#">View</a>	4112950	Hoop Wireless, LLC	Cellular	D	Lakewood	NJ
<a href="#">View</a>	4103100	i-Wireless, LLC	Cellular	B	Newport	KY
<a href="#">View</a>	4112550	IDT Domestic Telecom, Inc.	Cellular	D	Newark	NJ
<a href="#">View</a>	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Plano	TX
<a href="#">View</a>	4112650	Insight Mobile, Inc.	Cellular	D	Los Angeles	CA
<a href="#">View</a>	4111950	J Rhodes Enterprises LLC	Cellular	D	Gulf Breeze	FL
<a href="#">View</a>	22215360	KDDI America, Inc.	Cellular	D	Staten Island	NY
<a href="#">View</a>	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4112200	Lexvor Inc.	Cellular	D	Irvine	CA
<a href="#">View</a>	4111250	Liberty Mobile Wireless, LLC	Cellular	A	Sunny Isles Beach	FL

<a href="#">View</a>	4111400	Locus Telecommunications, LLC	Cellular	D	Fort Lee	NJ
<a href="#">View</a>	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
<a href="#">View</a>	4112500	Marconi Wireless Holdings, LLC	Cellular	B	Westlake Village	CA
<a href="#">View</a>	4113850	MAXSIP TELECOM CORPORATION	Cellular	C	Woodmere	NY
<a href="#">View</a>	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
<a href="#">View</a>	4111700	Mint Mobile, LLC	Cellular	B	Costa Mesa	CA
<a href="#">View</a>	4111850	Mobi, Inc.	Cellular	D	Honolulu	HI
<a href="#">View</a>	4113350	NatWireless, LLC	Cellular	D	Houston	TX
<a href="#">View</a>	4202400	New Cingular Wireless PCS, LLC dba AT&T Mobility, PCS	Cellular	A	San Antonio	TX
<a href="#">View</a>	4112350	NewPhone Wireless, L.L.C.	Cellular	D	Houston	TX
<a href="#">View</a>	4110700	Norcell, LLC	Cellular	D	Clayton	WA
<a href="#">View</a>	4113700	Nova Labs, Inc. dba Helium Mobile	Cellular	C	Boulder	CO
<a href="#">View</a>	4110750	Onvoy Spectrum, LLC	Cellular	D	Chicago	IL
<a href="#">View</a>	4109050	Patriot Mobile LLC	Cellular	C	Grapevine	TX
<a href="#">View</a>	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
<a href="#">View</a>	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
<a href="#">View</a>	4112800	Prepaid Wireless Group, LLC dba Prepaid Wireless Wholesale	Cellular	D	Rockville	MD
<a href="#">View</a>	4115000	Prosper Wireless LLC	Cellular	C	Sherman Oaks	CA
<a href="#">View</a>	4107700	Puretalk Holdings, Inc.	Cellular	A	Covington	GA
<a href="#">View</a>	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL
<a href="#">View</a>	4108700	Ready Wireless, LLC	Cellular	D	Cedar Rapids	IA
<a href="#">View</a>	4113200	Red Pocket Inc.	Cellular	D	Thousand Oaks	CA
<a href="#">View</a>	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	A	Los Angeles	CA
<a href="#">View</a>	4113050	Sarver Corporation	Cellular	D	Ontario	CA
<a href="#">View</a>	4109150	SelectTel, Inc. d/b/a SelectTel Wireless	Cellular	A	Fremont	NE
<a href="#">View</a>	4110150	Spectrotel of the South LLC dba Touch Base Communications	Cellular	D	Neptune	NJ
<a href="#">View</a>	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
<a href="#">View</a>	4200100	Sprint Spectrum, L.P.	Cellular	A	Atlanta	GA
<a href="#">View</a>	4200500	SprintCom, LLC	Cellular	A	Atlanta	GA
<a href="#">View</a>	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
<a href="#">View</a>	4113450	Syntegra North America, LLC	Cellular	D	Denton	TX
<a href="#">View</a>	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
<a href="#">View</a>	4002500	TAG Mobile Bankruptcy Sale Entity, LLC	Cellular	D	Plano	TX
<a href="#">View</a>	4109700	Telecom Management, Inc. dba Pioneer Telephone	Cellular	D	Saco	ME

<a href="#">View</a>	4107200	Telefonica Global Solutions USA, Inc.	Cellular	D	Miami	FL
<a href="#">View</a>	4112100	Tello LLC	Cellular	B	Atlanta	GA
<a href="#">View</a>	4108900	Telrite Corporation	Cellular	D	Covington	GA
<a href="#">View</a>	4108450	Tempo Telecom, LLC	Cellular	D	Dallas	TX
<a href="#">View</a>	4113900	TERRACOM Inc. d/b/a Maxsip Tel	Cellular	C	Chattanooga	TN
<a href="#">View</a>	4113950	THE LIGHT PHONE INC.	Cellular	C	Brooklyn	NY
<a href="#">View</a>	4110400	Torch Wireless Corp.	Cellular	D	Jacksonville	FL
<a href="#">View</a>	4103300	Touchtone Communications, Inc.	Cellular	D	Cedar Knolls	NJ
<a href="#">View</a>	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
<a href="#">View</a>	4112250	TROOMI WIRELESS, Inc.	Cellular	D	Lehi	UT
<a href="#">View</a>	4002000	Truphone, Inc.	Cellular	D	Durham	NC
<a href="#">View</a>	4112600	Tube Incorporated dba Reach Mobile	Cellular	D	Atlanta	GA
<a href="#">View</a>	4112750	Unity Wireless, Inc.	Cellular	D	Pembroke Pines	FL
<a href="#">View</a>	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	D	Costa Mesa	CA
<a href="#">View</a>	10630	Verizon Americas LLC dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
<a href="#">View</a>	4113300	Via Wireless, LLC	Cellular	D	Houston	TX
<a href="#">View</a>	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
<a href="#">View</a>	4113750	VOLT MOBILE Inc	Cellular	C	Delray Beach	FL
<a href="#">View</a>	4113000	Whoop Connect Inc.	Cellular	D	New York	NY
<a href="#">View</a>	4106500	WiMacTel, Inc.	Cellular	D	Calgary, AB	CA
<a href="#">View</a>	4110950	Wing Tel Inc.	Cellular	D	New York	NY
<a href="#">View</a>	4113400	Wrizzle, Inc.	Cellular	D	New Milford	CT
<a href="#">View</a>	4113650	XCHANGE TELECOM LLC	Cellular	C	Brooklyn	NY
<a href="#">View</a>	4112150	Zefcom, LLC	Cellular	C	Wichita Falls	TX

**EXHIBIT E**  
**FAA**



Proposed Case for : 2023-ASO-24546-OE

**For information only.**

This proposal has not yet been studied. Study outcomes will be posted at a later date.  
Public comments are not requested, and will not be considered at this time.

Overview				
<b>Study (ASN):</b> 2023-ASO-24546-OE	<b>Received Date:</b> 08/03/2023			
<b>Prior Study:</b>	<b>Entered Date:</b> 08/03/2023			
<b>Status:</b> Work In Progress	<b>Map:</b> <a href="#">View Map</a>			
Construction Info	Structure Summary			
<b>Notice Of:</b> CONSTR	<b>Structure Type:</b> Antenna Tower			
<b>Duration:</b> PERM (Months: 0 Days: 0)	<b>Structure Name:</b> US-KY-5166 Hyattsville			
<b>Work Schedule:</b>	<b>FCC Number:</b>			
Structure Details	Height and Elevation			
<b>Latitude (NAD 83):</b> 37° 35' 17.63" N	<b>Proposed</b>			
<b>Longitude (NAD 83):</b> 84° 29' 39.61" W				
<b>Datum:</b> NAD 83	<b>Site Elevation:</b> 1009			
<b>City:</b> Paint Lick	<b>Structure Height:</b> 270			
<b>State:</b> KY	<b>Total Height (AMSL):</b> 1279			
<b>Nearest County:</b> Garrard				
Frequencies				
Low Freq	High Freq	Unit	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	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
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

[← Previous](#) [Back to Search Result](#) [Next](#)



**EXHIBIT F**  
**KENTUCKY AIRPORT ZONING COMMISSION**



KENTUCKY TRANSPORTATION CABINET  
KENTUCKY AIRPORT ZONING COMMISSION

TC 55-2  
Rev. 06/2020  
Page 2 of 2

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

<b>APPLICANT (name)</b> VB 500 II, LLC		<b>PHONE</b> 318-355-6599	<b>FAX</b>	<b>KY AERONAUTICAL STUDY #</b> AS-2023-013-RGA	
<b>ADDRESS (street)</b> 850 New Burton Road, Suite 201		<b>CITY</b> Dover		<b>STATE</b> DE	<b>ZIP</b> 19904
<b>APPLICANT'S REPRESENTATIVE (name)</b> Cody Knox		<b>PHONE</b> 318-355-6599	<b>FAX</b>		
<b>ADDRESS (street)</b> 750 Park of Commerce Drive, Suite 200		<b>CITY</b> Boca Raton		<b>STATE</b> FL	<b>ZIP</b> 33487
<b>APPLICATION FOR</b> <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				<b>WORK SCHEDULE</b>	
<b>DURATION</b> <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days )				Start End	
<b>TYPE</b> <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		<b>MARKING/PAINTING/LIGHTING PREFERRED</b> <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
<b>LATITUDE</b> 37° 35' 17.63 "		<b>LONGITUDE</b> 84° 29' 39.61 "		<b>DATUM</b> <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
<b>NEAREST KENTUCKY</b> Lancaster / City County Garrard		<b>NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT</b> Central Kentucky Regional (RGA)			
<b>SITE ELEVATION (AMSL, feet)</b> 1,009		<b>TOTAL STRUCTURE HEIGHT (AGL, feet)</b> 270		<b>CURRENT (FAA aeronautical study #)</b> <b>2023-ASO-24546-OE</b>	
<b>OVERALL HEIGHT (site elevation plus total structure height, feet)</b> 1,279				<b>PREVIOUS (FAA aeronautical study #)</b> 2023-ASO-3628-OE	
<b>DISTANCE (from nearest Kentucky public use or Military airport to structure)</b> 8.14 NM				<b>PREVIOUS (KY aeronautical study #)</b>	
<b>DIRECTION (from nearest Kentucky public use or Military airport to structure)</b> Southwest					
<b>DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.)</b>  1A attached					
<b>DESCRIPTION OF PROPOSAL</b> Vertical Bridge proposes to construct a 255' self-support tower with a 15' lightning rod for an overall height of 270'.					
<b>FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?)</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 8/3/2023					
<b>CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)</b>					
<b>PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)</b>					
<b>NAME</b> Cody Knox	<b>TITLE</b> Project Manager	<b>SIGNATURE</b> 		<b>DATE</b> 1/31/2023 revised 8/3/2023	
<b>COMMISSION ACTION</b>					
<input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC					
<input type="checkbox"/> Approved	<b>SIGNATURE</b>		<b>DATE</b>		
<input type="checkbox"/> Disapproved					

**EXHIBIT G**  
**GEOTECHNICAL REPORT**



# DELTA OAKS GROUP

## GEOTECHNICAL INVESTIGATION REPORT

September 22, 2023

Prepared For:

VB 500 II, LLC



Hyattsville  
US-KY-5166

**Proposed 250-Foot Self-Supporting Tower with a 20-Foot Lightning Arrestor**  
265 Gooch Pike, Paint Lick (Garrard County), Kentucky 40461  
Latitude N 37° 35' 17.63" Longitude W 84° 29' 39.61"

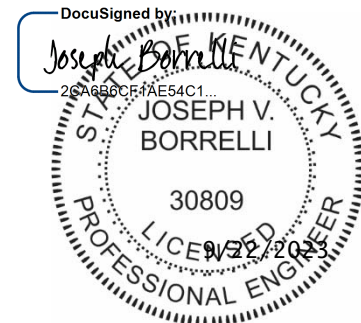
Delta Oaks Group Project GEO23-18601-08  
Revision 1  
[geotech@deltaoaksgroup.com](mailto:geotech@deltaoaksgroup.com)

Performed By:

Sarah C. Russek, P.E.

Reviewed By:

Joseph V. Borrelli, Jr., P.E.





# DELTA OAKS GROUP

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## INTRODUCTION

This geotechnical investigation report has been completed for the proposed 250-foot self-supporting tower located at 265 Gooch Pike in Paint Lick (Garrard County), Kentucky. The purpose of this investigation was to provide engineering recommendations and subsurface condition data at the proposed tower location. A geotechnical engineering interpretation of the collected information was completed and utilized to suggest design parameters regarding the adequacy of the structure's proposed foundation capacity under various loading conditions. This report provides the scope of the geotechnical investigation; geologic material identification; results of the geotechnical laboratory testing; and design parameter recommendations for use in the design of the telecommunication facility's foundation and site development.

## SITE CONDITION SUMMARY

The proposed tower and compound are located in an open, grass field exhibiting a gently downward sloping topography from the east to the west across the tower compound and subject property.

## REFERENCES

- Survey Drawings, provided by Vertical Bridge, dated July 28, 2023
- FAA 1-A Letter, provided by Vertical Bridge, dated July 28, 2023
- TIA Standard (TIA-222-G), dated August 2005

## SUBSURFACE FIELD INVESTIGATION SUMMARY

The subsurface field investigation was conducted through the advancement of three mechanical soil test borings to the auger refusal depths of 11.7, 8.5, and 6.1 feet bgs at borings B-1, B-2, and B-3, respectively. Samples were obtained at selected intervals in accordance with ASTM D 1586. The B-1 sampling was conducted at the staked centerline of the proposed tower, B-2 approximately 20 feet northeast of the tower center, and B-3 approximately 20 feet southwest of the tower center. Upon encountering auger refusal 5.0 feet of rock coring was conducted in accordance with ASTM D 2113 at boring B-1. Soil and rock samples were transported to our laboratory and classified by a geotechnical engineer in accordance with ASTM D 2487. A detailed breakdown of the material encountered in our subsurface field investigation can be found in the boring logs presented in the Appendix of this report.

Additional testing was performed on selected samples in accordance with ASTM D 7012 (Unconfined Compressive Strength – Rock). Laboratory data can be found in the Appendix of this report.

A boring plan portraying the spatial location of the borings in relation to the proposed tower, tower compound and immediate surrounding area can be found in the Appendix.



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## SUBSURFACE CONDITION SUMMARY

The following provides a general overview of the site's subsurface conditions based on the data obtained during our field investigation.

### *FILL*

Fill material was not encountered during the subsurface field investigation.

### *SOIL*

The residual soil encountered in the subsurface field investigation began at the existing ground surface in the boring and consisted of lean clay. The materials ranged from a stiff to hard consistency.

Auger advancement refusal was encountered during the subsurface field investigation at depths of 11.7, 8.5, and 6.1 feet bgs at borings B-1, B-2, and B-3, respectively.

### *ROCK*

Rock was encountered during the subsurface investigation at depths of 11.7, 8.5, and 6.1 feet bgs at borings B-1, B-2, and B-3, respectively. The rock can be described as highly fractured, slightly weathered, moderately hard limestone.

### *SUBSURFACE WATER*

Subsurface water was not encountered during the subsurface investigation. However, subsurface water elevations can fluctuate throughout the year due to variations in climate, hydraulic parameters, nearby construction activity and other factors.

### *FROST PENETRATION*

The frost penetration depth for Garrard County, Kentucky is 20 inches (1.7 feet).

### *CORROSIVITY*

Soil resistivity was performed in accordance with ASTM G187 with a test result of 17,600 ohms-cm.



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## FOUNDATION DESIGN SUMMARY

In consideration of the provided tower parameters and the determined soil characteristics, Delta Oaks Group recommends utilizing a shallow foundation or drilled shaft foundations for the proposed structure. The strength parameters presented in the following sections can be utilized for design of the foundation.

### GENERAL SUBSURFACE STRENGTH PARAMETERS

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-1	0.0 - 3.0	CL	120	0	2,100
	3.0 - 6.0	CL	120	0	1,300
	6.0 - 11.7	CL	120	0	1,400
	11.7 - 16.7	Limestone	140	0	6,000

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-2	0.0 - 6.0	CL	120	0	1,500
	6.0 - 8.5	CL	120	0	1,200

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-3	0.0 - 3.0	CL	120	0	1,700
	3.0 - 6.1	CL	120	0	1,000

- The unit weight provided assumes overburden soil was compacted to a minimum of 95% of the maximum dry density as obtained by the standard Proctor method (ASTM D 698) and maintained a moisture content within 3 percent of optimum.
- The values provided for phi angle and cohesion should be considered ultimate.



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## *SUBSURFACE STRENGTH PARAMETERS – SHALLOW FOUNDATION*

Boring	Dimensions (feet)	Depth (feet bgs)	Net Ultimate Bearing Capacity (psf)
B-1	5.0 x 5.0	3.0	8,980
		4.0	9,300
		5.0	9,620
		6.0	9,940
	10.0 x 10.0	3.0	8,500
		4.0	8,660
		5.0	8,820
		6.0	8,980
	15.0 x 15.0	3.0	8,340
		4.0	8,450
		5.0	8,550
		6.0	8,660
	20.0 x 20.0	3.0	8,260
		4.0	8,340
		5.0	8,420
		6.0	8,500
	25.0 x 25.0	3.0	8,210
		4.0	8,270
		5.0	8,340
		6.0	8,400

- Delta Oaks Group recommends the foundation bear a minimum of 3.0 feet bgs.
- A sliding friction factor of 0.35 can be utilized along the base of the proposed foundation.
- An Ultimate Passive Pressure Table with a reduction due to frost penetration to a depth of 1.7 feet bgs is presented on the following page.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.





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### *ULTIMATE PASSIVE PRESSURE VS. DEPTH - TOWER FOUNDATION (B-1)*

Soil Layers (feet)		Moist Unit Weight	Phi Angle	Cohesion	PV	KP	Ph
Top	0.0	120	0	2,100	0.00	1.00	2100.00
Bottom	1.7	120	0	2,100	204.00	1.00	2202.00
Top	1.7	120	0	2,100	204.00	1.00	4404.00
Bottom	3.0	120	0	2,100	360.00	1.00	4560.00
Top	3.0	120	0	1,300	360.00	1.00	2960.00
Bottom	6.0	120	0	1,300	720.00	1.00	3320.00
Top	6.0	120	0	1,400	720.00	1.00	3520.00
Bottom	10.0	120	0	1,400	1200.00	1.00	4000.00



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### SUBSURFACE STRENGTH PARAMETERS - DRILLED SHAFT FOUNDATION

Boring	Depth (bgs)	Net Ultimate Bearing Capacity (psf)	Ultimate Skin Friction - Compression (psf)	Ultimate Skin Friction - Uplift (psf)
B-1	0.0 - 3.0	--	--	--
	3.0 - 6.0	12,020	710	710
	6.0 - 11.7	33,070	760	760
	11.7 - 16.7	53,590	2,400	2,400

- The top 3.0 feet of soil should be ignored due to the frost penetration and the potential soil disturbance during construction.
- The values presented assume the concrete is cast-in-place against earth walls and any casing utilized during construction of the foundation was removed.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.



# DELTA OAKS GROUP

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## CONSTRUCTION

### *SITE DEVELOPMENT*

The proposed access road and tower compound should be evaluated by a Geotechnical Engineer, or their representative, after the removal or "cutting" of the areas to design elevation but prior to the placement of any structural fill material to verify the presence of unsuitable or weak material. Unsuitable or weak materials should be undercut to a suitable base material as determined by a Geotechnical Engineer, or their representative. Backfill of any undercut area(s) should be conducted in accordance with the recommendations provided in the *STRUCTURAL FILL PLACEMENT* section of this report.

Excavations should be sloped or shored in accordance and compliance with OSHA 29 CFR Part 1926, Excavation Trench Safety Standards as well as any additional local, state and federal regulations.

### *STRUCTURAL FILL PLACEMENT*

Structural fill materials should be verified, prior to utilization, to have a minimum unit weight of 110 pcf (pounds per cubic foot) when compacted to a minimum of 95% of its maximum dry density and within plus or minus 3 percentage points of optimum moisture. Materials utilized should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. The Liquid Limit should be no greater than 40 with a Plasticity Index no greater than 20. Structural fill material should contain a maximum particle size of 4 inches with 20 percent or less of the material having a particle size between 2 and 4 inches. Backfill should be placed in thin horizontal lifts not to exceed 8 inches (loose) in large grading areas and 4 inches (loose) where small handheld or walk-behind compaction equipment will be utilized. The potential suitability of on-site materials to be utilized as fill should be evaluated by a Geotechnical Engineer, or their representative just prior to construction.

During construction structural fill placement should be monitored and tested. This should include at minimum, visual observation as well as a sufficient amount of in-place field density tests by a Geotechnical Engineer, or their representative. Materials should be compacted to a minimum of 95% of the maximum dry density as determined by ASTM D 698 (standard Proctor method). Moisture contents should be maintained to within plus or minus 3 percentage points of the optimum moisture content.

### *SHALLOW FOUNDATIONS*

Foundation excavation(s) should be evaluated by a Geotechnical Engineer, or their representative, prior to reinforcing steel and concrete placement. This evaluation should include visual observation to verify a level bearing surface; vertical side-walls with no protrusions, sloughing or caving; and the exposed bearing surface is free of deleterious material, loose soil and standing water. Excavation dimensions should be verified and testing performed on the exposed bearing surface to verify compliance with design recommendations. Bearing testing should be conducted in accordance with ASTM STP399 (Dynamic Cone Penetrometer). A 6-inch layer of compacted crushed stone should be installed prior to reinforcing steel and concrete placement. If subsurface water is encountered during excavation dewatering methods such as sump pumps or well points may be required.



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### *DRILLED SHAFT FOUNDATIONS*

Drilled shaft foundations (caissons) are typically installed utilizing an earth auger to reach the design depth of the foundation. Specialized roller bits or core bits can be utilized to penetrate boulders or rock. The equipment utilized should have cutting teeth to result in an excavation with little or no soil smeared or caked on the excavation sides with spiral-like corrugated walls. The drilled shaft design diameter should be maintained throughout the excavation with a plumbness tolerance of 2 percent of the length and an eccentricity tolerance of 3 inches from plan location. A removable steel casing can be installed in the shaft to prevent caving of the excavation sides due to soil relaxation. Upon completion of the drilling and casing placement, loose soils and subsurface water greater than 3-inches in depth should be removed from the bottom of the excavation for the "dry" installation method. The drilled shaft installation should be evaluated by a Geotechnical Engineer, or their representative, to verify suitable end bearing conditions, design diameter and bottom cleanliness. The evaluation should be conducted immediately prior to as well as during concrete placement operations.

The drilled shaft should be concreted as soon as reasonably practical after excavation to reduce the deterioration of the supporting soils to prevent potential caving and water intrusion. A concrete mix design with a slump of 6 to 8 inches employed in conjunction with the design concrete compressive strength should be utilized for placement. Super plasticizer may be required to obtain the recommended slump range. During placement, the concrete may fall freely through the open area in the reinforcing steel cage provided it does not strike the reinforcing steel and/or the casing prior to reaching the bottom of the excavation. The removable steel casing should be extracted as concrete is placed. During steel casing removal a head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the bottom of the casing.

If subsurface water is anticipated and/or weak soil layers are encountered drilled shafts are typically installed utilizing the "wet" method by excavating beneath a drilling mud slurry. The drilling mud slurry is added to the drilled shaft excavation after groundwater has been encountered and/or the sides of the excavation are observed to be caving or sloughing. Additional inspection by a Geotechnical Engineer, or their representative, during the "wet" method should consist of verifying maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and just prior to concreting.

Concrete placement utilizing the "wet" method is conducted through a tremie pipe at the bottom of the excavation with the drilling mud slurry level maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the ground water elevation. The bottom of the tremie should be set one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie or a sliding plug introduced into the tremie before the concrete is recommended to reduce the potential contamination of the concrete by the drilling mud slurry. The bottom of the tremie must be maintained in the concrete during placement. Additional concrete should be placed through the tremie causing the slurry to overflow from the excavation in order to reduce the potential for the development of "slurry pockets" remaining in the drilled shaft.



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### QUALIFICATIONS

The design parameters and conclusions provided in this report have been determined in accordance with generally accepted geotechnical engineering practices and are considered applicable to a rational degree of engineering certainty based on the data available at the time of report preparation and our practice in this geographic region. All recommendations and supporting calculations were prepared based on the data available at the time of report preparation and knowledge of typical geotechnical parameters in the applicable geographic region.

The subsurface conditions used in the determination of the design recommendations contained in this report are based on interpretation of subsurface data obtained at specific boring locations. Irrespective of the thoroughness of the subsurface investigation, the potential exists that conditions between borings will differ from those at the specific boring locations, that conditions are not as anticipated during the original analysis, or that the construction process has altered the soil conditions. That potential is significantly increased in locations where existing fill materials are encountered. Additionally, the nature and extent of these variations may not be evident until the commencement of construction. Therefore, a geotechnical engineer, or their representative, should observe construction practices to confirm that the site conditions do not differ from those conditions anticipated in design. If such variations are encountered, Delta Oaks Group should be contacted immediately in order to provide revisions and/or additional site exploration as necessary.

Samples obtained during our subsurface field investigation will be retained by Delta Oaks Group for a period of 30 days unless otherwise instructed by VB 500 II, LLC. No warranty, expressed or implied, is presented.

Delta Oaks Group appreciates the opportunity to be of service for this Geotechnical Investigation Report. Please do not hesitate to contact Delta Oaks Group with any questions or should you require additional service on this project.



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## APPENDIX



# DELTA OAKS GROUP

## BORING PLAN





**PROJECT NAME** Hyattsville (US-KY-5166)

**CLIENT** Vertical Bridge

**PROJECT NUMBER** GEO23-18601-08

**Boring No.: B-1**

PAGE 1 OF 1

**PROJECT LOCATION** Paint Lick, Kentucky

**DATE DRILLED :** 9/3/2023

**DRILLING METHOD :** Hollow Stem Auger & Rock Coring

**GROUND ELEVATION :**

**BORING DEPTH (ft) :** 16.7

**GROUND WATER LEVELS:**

▽ **AT TIME OF DRILLING :** --- Not encountered

▼ **AT END OF DRILLING :** --- Not encountered

▼ **AFTER DRILLING :** --- Not measured

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE	MATERIAL CLASSIFICATION	Pocket Penetrometer (tsf)	BLOWS 1st	BLOWS 2nd	BLOWS 3rd	N VALUE	▲ SPT N VALUE ▲												
									10	20	30	40	50	60	70	80	90				
0.0	Very stiff, brown, LEAN CLAY (CL), trace sand, trace gravel, moist		CL																		
2.5	-- Stiff				8	13	8	21													
5.0	-- Brown, gray, black, tan				3	5	8	13													
7.5					3	5	9	14													
10.0					5	6	8	14													
12.5	Gray, highly fractured, slightly weathered, moderately hard, LIMESTONE Unconfined compressive strength = 4,390 psi																				
15.0	Unconfined compressive strength = 5,290 psi																				
17.5	Refusal at 11.7 feet. Bottom of borehole at 16.7 feet.																				

REC = 100%  
RQD = 70.0%



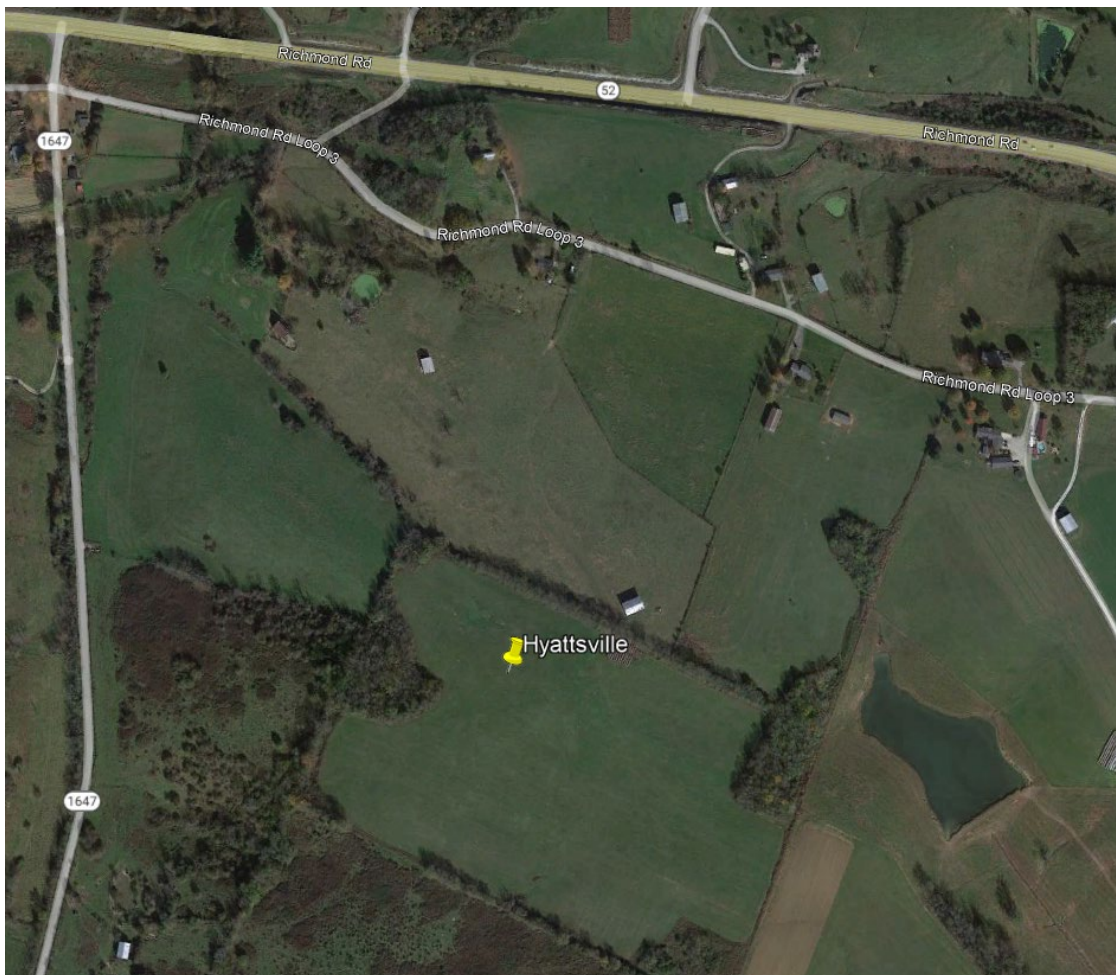




**EXHIBIT H  
DIRECTIONS TO WCF SITE**

### Driving Directions to Proposed Tower Site

1. Beginning at the Garrard County Justice Center at 15 Public Square, Lancaster, KY 40444, travel west on Government Alley towards S. Baughman Street for approximately 150 feet.
2. Turn right onto S Baughman Street and travel approximately 236 feet.
3. Turn right at the first cross street onto KY-52 E / Richmond Road and travel approximately 4.9 miles.
4. Turn right onto State Hwy 1647 and travel approximately 0.3 miles.
5. The site is located on the left. The site address is 265 Gooch Pike, Paint Lick, KY 40461.
6. The site coordinates are:
  - a. North 37 deg 35 min 17.63 sec
  - b. West 84 deg 29 min 39.61 sec



Prepared by:  
Aaron L. Roof  
Pike Legal Group  
1578 Highway 44 East, Suite 6  
P.O. Box 396  
Shepherdsville, KY 40165-3069  
Telephone: 502-955-4400 or 800-516-4293

**EXHIBIT I**  
**COPY OF REAL ESTATE AGREEMENT**

**Landlord:**  
Wanda Sparks Allen  
815 Richmond Road Loop 2  
Lancaster, KY 40444

**Tenant:**  
VB 500 II, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, FL 33487  
Site #: US-KY-5166  
Site Name: Hyattsville

## OPTION AND LEASE AGREEMENT

THIS OPTION AND LEASE AGREEMENT (this "Agreement") is made this 20<sup>th</sup> day of January, 2023 (the "Effective Date"), by and between **Wanda Sparks Allen**, a single woman ("Landlord"), whose address is 815 Richmond Road Loop 2, Lancaster, KY 40444, and **VB 500 II, LLC**, a Delaware limited liability company ("Tenant"), whose address is 750 Park of Commerce Drive, Suite 200, Boca Raton, FL 33487.

**WHEREAS**, Landlord owns certain real property located in the County of Garrard, in the State or Commonwealth of Kentucky, that is more particularly described and/or depicted in **Exhibit 1** attached hereto (the "Property"); and,

**WHEREAS**, Tenant desires to lease from Landlord a certain portion of the Property measuring approximately 75' x 75' (approximately 5,625 square feet) and to obtain easements for, landscape buffer, utilities and access, as applicable (collectively, the "Premises"), which Premises is more particularly described and/or depicted in **Exhibit 2** attached hereto, for the placement of Communications Facilities (defined below).

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree:

### 1. OPTION TO LEASE.

(a) As of the Effective Date, Landlord grants to Tenant the exclusive option to lease the Premises (the "Option") during the Option Period (defined below). At any time during the Option Period and Term (defined below), Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Property (collectively, the "Tests"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises including, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, construction permits and any other permits and approvals deemed necessary by Tenant (collectively, the "Government Approvals"), initiate the ordering and/or scheduling of necessary utilities, obtain a title report with respect to the Property, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, and the feasibility or suitability of the Property for Tenant's permitted use under this Agreement, all at Tenant's expense. Tenant shall be authorized to apply for the Government Approvals on behalf of Landlord and Landlord agrees to reasonably cooperate with such applications. Tenant will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's Tests. Tenant will restore the Property to its condition as it existed prior to conducting any Tests, reasonable wear and tear and casualty not caused by Tenant excepted. In addition, Tenant shall indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or claims arising directly out of Tenant's Tests.

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VB Site ID: US-KY-5166  
VB Site Name: Hyattsville

(b) In consideration of Landlord granting Tenant the Option, Tenant agrees to pay Landlord the sum of [REDACTED] within thirty (30) days of the full execution of this Agreement. The Option Period will be for an initial term of twelve (12) months from the Effective Date (the "Initial Option Period") and may be renewed by Tenant for twelve (12) additional months (the "Renewal Option Period") upon written notification to Landlord and the payment of an additional [REDACTED] prior to the expiration date of the Initial Option Period. Unless utilized independently, the Initial Option Period and any Renewal Option Period shall be referred to collectively as the "Option Period."

(c) Tenant may exercise the Option at any time during the Option Period by delivery of written notice to Landlord (the "Notice of Exercise of Option"). The Notice of Exercise of Option shall set forth the commencement date (the "Commencement Date") of the Initial Term (defined below). If Tenant does not provide a Notice of Exercise of Option during the Option Period, this Agreement will terminate, and the parties will have no further liability to each other.

(d) During the Option Period or the Term, Landlord shall not take any action to change the zoning status or land use of the Property which would diminish, impair, or adversely affect the use of the Premises by Tenant for its permitted uses hereunder.

## 2. TERM.

(a) Effective as of the Commencement Date, Landlord leases the Premises to Tenant subject to the terms and conditions of this Agreement for an initial term of five (5) years (the "Initial Term").

(b) Tenant shall have the option to extend the Initial Term for nine (9) successive terms of five (5) years each (each a "Renewal Term"). Each Renewal Term shall commence automatically, unless Tenant delivers notice to Landlord, not less than thirty (30) days prior to the end of the then-current Initial Term or Renewal Term, as applicable, of Tenant's intent not to renew. For purposes of this Agreement, "Term" shall mean the Initial Term and any applicable Renewal Term(s).

3. RENT. Beginning on the first (1<sup>st</sup>) day of the third (3<sup>rd</sup>) month after the Commencement Date ("Rent Commencement Date"), Tenant shall pay to Landlord a monthly rent payment of [REDACTED] ("Rent") at the address set forth in Section 29 below on or before the fifth (5<sup>th</sup>) day of each calendar month in advance. The initial payment of Rent will be forwarded by Tenant to Landlord within thirty (30) days after the Rent Commencement Date. Beginning on the first anniversary of the Rent Commencement Date of the first Renewal Term and each five-year anniversary of the Rent Commencement Date of each Renewal Term thereafter throughout the remainder of the Term and Renewal Term(s), if any, the Rent shall be increased by an amount equal to [REDACTED] of the amount of the Rent for the previous Term or previous Renewal Term, as the case may be, which sum shall be payable in equal monthly installments in advance as herein set forth.

4. TAXES. Tenant shall pay any personal property taxes assessed on, or any portion of such taxes attributable to, the Communications Facilities located on the Premises. Landlord shall pay when due all real property taxes and all other fees and assessments attributable to the Property and the Premises. Tenant shall pay as additional rent any increase in real property taxes levied against the Premises, which are directly attributable to Tenant's use of the Premises (but not, however, taxes attributable to periods prior to the Commencement Date such as roll-back or greenbelt assessments) if Landlord furnishes proof of such increase to Tenant (such increase, the "Landlord Tax Reimbursement"). In the event that Landlord fails to pay when due any taxes affecting the Premises or any easement relating to the Premises, Tenant shall have the right, but not the obligation, to pay such taxes and any applicable interest, penalties or similar

charges, and deduct the full amount of the taxes and such charges paid by Tenant on Landlord's behalf from future installments of Rent. Notwithstanding the foregoing, Tenant shall not have the obligation to pay any tax, assessment, or charge that Tenant is disputing in good faith in appropriate proceedings prior to a final determination that such tax is properly assessed, provided that no lien attaches to the Property. In addition, Tenant shall not have the obligation to pay or reimburse Landlord for the Landlord Tax Reimbursement if Landlord has not provided proof of such amount and demand therefor within one (1) year of the date such amount is due and payable by Landlord.

5. **USE.** The Premises are being leased for the purpose of erecting, installing, operating, maintaining, repairing and replacing radio or communications towers, transmitting and receiving equipment, antennas, dishes, satellite dishes, mounting structures, equipment shelters and buildings, solar energy conversion and electrical power generation system, fencing and other supporting structures and related equipment (collectively, the "**Communications Facilities**"), and to alter, supplement and/or modify same. Tenant may, subject to the foregoing, make any improvements, alterations or modifications to the Premises as are deemed appropriate by Tenant for the permitted use herein. Tenant shall have the right to clear the Premises of any trees, vegetation, or undergrowth which interferes with the use of the Premises for the intended purposes by Tenant and/or its subtenants and licensees, as applicable. Tenant shall have the exclusive right to install and operate the Communications Facilities upon the Premises.

6. **ACCESS AND UTILITIES.** During the Term, Tenant and its guests, agents, employees, customers, invitees, subtenants, licensees and assigns shall have the unrestricted, exclusive right to use, and shall have free and unfettered access to, the Premises seven (7) days a week, twenty-four (24) hours a day. Landlord for itself, its successors and assigns, hereby grants and conveys unto Tenant, its customers, employees, agents, invitees, subtenants, licensees, successors and assigns a non-exclusive easement throughout the Term to a public right of way (a) for ingress and egress, and (b) for the construction, installation, operation, maintenance, repair and replacement of overhead and underground electric and other utility facilities (including fiber, backhaul, wires, poles, cables, conduits and appurtenant equipment), with the right to reconstruct, improve, add to, enlarge, change and remove such facilities, over, across and through any easement for the benefit of and access to the Premises, subject to the terms and conditions herein set forth. Landlord agrees to obtain the required access and utility easements to the Premises from a public right of way up to and including negotiating and obtaining such access and utility rights from any applicable neighbor parcel and/or coordinating with Tenant's efforts to obtain same. If there are utilities already existing on the Premises which serve the Premises, Tenant may utilize such utilities and services. The rights granted to Tenant herein shall also include the right to partially assign its rights hereunder to any public or private utility company or authority to facilitate the uses contemplated herein, and all other rights and privileges reasonably necessary for Tenant's safe and efficient use and enjoyment of the easements for the purposes described above. Upon Tenant's request, Landlord shall execute and deliver to Tenant requisite recordable documents evidencing the easements contemplated hereunder within fifteen (15) days of Tenant's request, and Landlord shall obtain the consent and joinder of Landlord's mortgagee to any such grant, if applicable.

7. **EQUIPMENT, FIXTURES AND REMOVAL.** The Communications Facilities shall at all times be the personal property of Tenant and/or its subtenants and licensees, as applicable. Tenant or its customers, subtenants or licensees shall have the right to erect, install, maintain, repair, replace and operate on the Premises such equipment, structures, fixtures, signs, and personal property as Tenant, its customers, subtenants or licensees may deem necessary or appropriate, and such property, including the equipment, structures, fixtures, signs, and personal property currently on the Premises, shall not be deemed to be part of the Premises, but shall remain the property of Tenant or its customers, subtenants or licensees. Within ninety (90) days after the expiration or earlier termination of this Agreement (the "**Removal Period**"), Tenant, customers, subtenants or licensees shall remove its improvements and personal property and restore



the Premises to grade and perform all obligations under this Agreement during the Removal Period, including, without limitation, the payment of Rent at the rate in effect upon the expiration or termination of this Agreement.

**8. ASSIGNMENT AND SUBLEASE.** Tenant may assign this Agreement to any person or entity, including Lender (defined below), at any time without the prior written consent of Landlord. Upon such assignment, Tenant will be relieved and released of all obligations and liabilities hereunder. Tenant shall have the exclusive right to sublease or grant licenses without Landlord's consent to use all or part of the Premises and/or the Communications Facilities, but no such sublease or license shall relieve or release Tenant from its obligations under this Agreement. Landlord may assign this Agreement only in its entirety and only to any person or entity who or which acquires fee title to the Property, subject to Section 15. Landlord may not subdivide the Property without Tenant's prior written consent.

**9. COVENANTS, WARRANTIES AND REPRESENTATIONS.**

(a) Landlord warrants and represents that it is the owner in fee simple of the Property, free and clear of all liens and encumbrances except as to those which may have been disclosed to Tenant in writing prior to the execution hereof, and that it alone has full right to lease the Premises for the Term.

(b) Landlord shall pay promptly, when due, any other amounts or sums due and owing with respect to its ownership and operation of the Property, including, without limitation, judgments, taxes, liens, mortgage payments and other similar encumbrances. If Landlord fails to make any payments required under this Agreement, or breaches any other obligation or covenant under this Agreement, Tenant may (without obligation), after providing ten (10) days written notice to Landlord, make such payment or perform such obligation on behalf of Landlord and offset such payment (including any reasonable attorneys' fees incurred in connection with Tenant performing such obligation) against payments of Rent.

(c) Landlord shall not do or knowingly permit anything that will interfere with or negate any special use permit or approval pertaining to the Premises or cause Tenant's use of the Premises to be in nonconformance with applicable local, state, or federal laws. Landlord shall cooperate with Tenant in any effort by Tenant to obtain certificates, permits, licenses and other approvals that may be required by any governmental authorities. Landlord agrees to execute any necessary applications, consents or other documents as may be reasonably necessary for Tenant to apply for and obtain the Government Approvals required to use and maintain the Premises and the Communications Facilities.

(d) To the best of Landlord's knowledge, Landlord has complied and shall comply with all laws with respect to the Property. No asbestos-containing thermal insulation or products containing PCB, formaldehyde, chlordane, or heptachlor or other hazardous materials have been placed on or in the Property by Landlord or, to the knowledge of Landlord, by any prior owner or user of the Property. There has been no release of or contamination by hazardous materials on the Property by Landlord, or to the knowledge of Landlord, any prior owner or user of the Property.

(e) Tenant shall have access to all utilities required for the operation of Tenant's improvements on the Premises that are existing on the Property.

(f) Landlord warrants and represents that there currently exist no licenses, sublicenses, or other agreements, written or oral, granting to any party or parties the right of use or occupancy of any portion of the Property; there are no outstanding options or rights of first refusal to purchase the Property or any portion thereof or interest therein, or any equity or interest in Landlord if Landlord is an entity; and there

are no parties (other than Landlord) in possession of the Property except as to those that may have been disclosed to Tenant in writing prior to the execution hereof.

**10. HOLD OVER TENANCY.** Should Tenant or any assignee, sublessee or licensee of Tenant hold over the Premises or any part thereof after the expiration of this Agreement, such holdover shall constitute and be construed as a tenancy from month-to-month only, but otherwise upon the same terms and conditions.

**11. INDEMNITIES.** Each party agrees to indemnify, defend and hold harmless the other party, its parent company or other affiliates, successors, assigns, officers, directors, shareholders, managers, members, agents and employees (collectively, "Indemnified Persons") from and against all claims, actions, judgments, damages, liabilities, losses, expenses and costs (including, without limitation, reasonable attorneys' fees and court costs) (collectively, "Losses") caused by or arising out of (a) such party's breach of any of its obligations, covenants, representations or warranties contained herein, or (b) such party's acts or omissions with regard to this Agreement; provided, however, in no event shall a party indemnify the other party for any such Losses to the extent arising from the gross negligence or willful misconduct of the party seeking indemnification. However, in the event of an Indemnified Person's contributory negligence or other fault, the Indemnified Person shall not be indemnified hereunder to the extent that the Indemnified Person's negligence or other fault caused such Losses. Tenant will indemnify Landlord from and against any mechanic's liens or liens of contractors and subcontractors engaged by or through Tenant.

**12. WAIVERS.**

(a) Landlord hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Communications Facilities or any portion thereof, regardless of whether or not such is deemed real or personal property under applicable laws. Landlord will not assert any claim whatsoever against Tenant for loss of anticipatory profits or any other indirect, special, incidental or consequential damages incurred by Landlord as a result of the construction, maintenance, operation or use of the Premises by Tenant.

(b) EACH PARTY HERETO WAIVES ANY AND ALL CLAIMS AGAINST THE OTHER FOR ANY LOSS, COST, DAMAGE, EXPENSE, INJURY OR OTHER LIABILITY WHICH IS IN THE NATURE OF INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES WHICH ARE SUFFERED OR INCURRED AS THE RESULT OF, ARISE OUT OF, OR ARE IN ANY WAY CONNECTED TO THE PERFORMANCE OF THE OBLIGATIONS UNDER THIS AGREEMENT.

**13. INSURANCE.** Tenant shall insure against property damage and bodily injury arising by reason of occurrences on or about the Premises in the amount of not less than [REDACTED]. The insurance coverage provided for herein may be maintained pursuant to master policies of insurance covering other communications facilities of Tenant and its corporate affiliates. All insurance policies required to be maintained by Tenant hereunder shall be with responsible insurance companies, authorized to do business in the State or Commonwealth where the Premises are located if required by law, and shall provide for cancellation only upon ten (10) days' prior written notice to Landlord. Tenant shall evidence such insurance coverage by delivering to Landlord, if requested, a copy of a certificate of insurance of such policies issued by the insurance companies underwriting such risks.

**14. INTERFERENCE.** During the Option Period and the Term, Landlord, its successors and assigns, will not grant any ground lease, license, or easement with respect to the Property (outside of the Premises) and any property adjacent or contiguous to the Property or in the immediate vicinity of the Property that is fee owned by Landlord: (a) for any of the uses contemplated in Section 5 herein; or (b) if such lease, license, or easement would detrimentally impact the Communications Facilities or Tenant's economic opportunities at the Premises, or the use thereof. Landlord shall not cause or permit the construction of

communications or broadcast towers or structures, fiber optic backhaul facilities, or satellite facilities on the Property or on any other property of Landlord adjacent or contiguous to or in the immediate vicinity of the Property, except for the Communications Facilities constructed by Tenant. Landlord and Tenant intend by this Agreement for Tenant (and persons deriving rights by, through, or under Tenant) to be the sole parties to market, use, or sublease any portion of the Property for Communications Facilities during the Option Period and the Term. Landlord agrees that this restriction on the use of the Property is commercially reasonable, not an undue burden on Landlord, not injurious to the public interest, and shall be specifically enforceable by Tenant (and persons deriving rights by, through or under Tenant) in a court of competent jurisdiction. The foregoing restriction shall run with the land and be binding on the successors and assigns of Landlord.

**15. RIGHT OF FIRST REFUSAL.** In the event that Landlord determines to sell, transfer, license or otherwise convey any interest, whether fee simple interest, easement interest, leasehold, or otherwise, and whether direct or indirect by way of transfer of ownership interests in Landlord if Landlord is an entity, which interest underlies or affects any or all of the Premises (the “**ROFR Property**”) to any third party, during the Option Period or Term, Landlord shall send a written notice to Tenant in accordance with Section 29 below that shall contain an offer to Tenant of a right of first refusal to purchase the Premises (or such larger portion of the Property that encompasses the Premises, if applicable) or such interest proposed to be conveyed. Landlord shall provide a copy of any offer to purchase or acquire, or any executed purchase agreement or letter of intent (each, an “**Offer**”), to Tenant which copy shall include, at a minimum, the purchase or acquisition price, proposed closing date, and financing terms (collectively, the “**Minimum Terms**”). Within thirty (30) days of receipt of such Offer, Tenant shall provide written notice to Landlord of Tenant’s election to purchase the ROFR Property on the same Minimum Terms; provided, the closing date shall be no sooner than sixty (60) days after Tenant’s purchase election notice; and further provided that given Landlord’s direct relationship and access to Tenant, Tenant shall not be responsible for payment of any broker fees associated with an exercise of Tenant’s rights to acquire the ROFR Property. In such event, Landlord agrees to sell the ROFR Property to Tenant subject to Tenant’s payment of the purchase price and compliance with a purchase and sale agreement to be negotiated in good faith between Landlord and Tenant. If Tenant provides written notice that it does not elect to exercise its rights of first refusal to purchase the ROFR Property, or if Tenant does not provide notice of its election within the thirty (30) day period, Tenant shall be deemed to have waived such right of first refusal only with respect to the specific Offer presented (and any subsequent Offers shall again be subject to Tenant’s continuing right of first refusal hereunder), and Landlord shall be permitted to consummate the sale of the ROFR Property in accordance with the strict terms of the Offer (“**Permitted Sale**”). If Landlord does not consummate the Permitted Sale within ninety (90) days of the date of Tenant’s waiver of its rights of first refusal, such Offer shall be deemed to have lapsed.

**16. SECURITY.** The parties recognize and agree that Tenant shall have the right to safeguard and protect its improvements located upon or within the Premises. Consequently, Tenant may elect, at its expense, to construct such enclosures and/or fences as Tenant reasonably determines to be necessary to secure the Communications Facilities. Tenant may also undertake any other appropriate means to restrict access to the Communications Facilities including, without limitation, if applicable, installing security systems, locks and posting signs for security purposes and as may otherwise be required by law.

**17. FORCE MAJEURE.** The time for performance by Landlord or Tenant of any term, provision, or covenant of this Agreement shall be deemed extended by time lost due to delays resulting from acts of God, strikes, civil riots, floods, pandemics, material or labor restrictions by governmental authority, government shutdowns, quarantines, and/or other disease control measures and any other cause not within the control of Landlord or Tenant, as the case may be.

**18. CONDEMNATION; CASUALTY.**

(a) In the event Landlord receives any notice of any condemnation proceedings, or other proceedings in the nature of eminent domain related to the Property or the Premises, it will forthwith send a copy of such notice to Tenant. If all or any part of the Premises is taken by eminent domain, Tenant may, upon written notice to Landlord, elect to terminate this Agreement, whereupon neither party shall have any further liability or obligation hereunder. Notwithstanding any provision of this Agreement to the contrary, in the event of condemnation of all or any part of the Premises, Landlord and Tenant shall be entitled to separate awards with respect to the Premises, in the amount determined by the court conducting such condemnation proceedings based upon Landlord's and Tenant's respective interests in the Premises. If a separate condemnation award is not determined by such court, Landlord shall permit Tenant to participate in the allocation and distribution of the award. In no event shall the condemnation award to Landlord exceed the unimproved value of the Premises, without taking into account the improvements located thereon.

(b) In case of damage to the Premises or the Communications Facilities by fire or other casualty, Landlord shall, at its expense, cause any damage to the Property (excluding the Communications Facilities) to be repaired to a condition as nearly as practicable to that existing prior to the damage, with reasonable speed and diligence, subject to delays which may arise by reason of adjustment of loss under insurance policies, governmental regulations, and for delays beyond the control of Landlord, including a force majeure. Landlord shall coordinate with Tenant as to the completion of Landlord's work to restore the Property so as not to adversely impact Tenant's use of the Premises and the Communications Facilities. Landlord shall not be liable for any inconvenience or annoyance to Tenant, or injury to Tenant's business or for any consequential damages resulting in any way from such damage or the repair thereof, except to the extent and for the time that the Communications Facilities or the Premises are thereby rendered unusable for Tenant's intended purpose the Rent shall proportionately abate. In the event the damage shall be so extensive that Tenant shall decide, in its sole discretion, not to repair or rebuild the Communications Facilities, or if the casualty shall not be of a type insured against under standard fire policies with extended type coverage, or if the holder of any mortgage, deed of trust or similar security interest covering the Communications Facilities shall not permit the application of adequate insurance proceeds for repair or restoration, this Agreement shall, at the sole option of Tenant, exercisable by written notice to Landlord, be terminated as of the date of such casualty, and the obligation to pay Rent (taking into account any abatement as aforesaid) shall cease as of the termination date and Tenant shall thereupon promptly vacate the Premises.

**19. DEFAULT.** The failure of Tenant or Landlord to perform any of the covenants of this Agreement shall constitute a default. The non-defaulting party shall give the other written notice of such default, and the defaulting party shall cure such default within thirty (30) days after receipt of such notice. In the event any such default cannot reasonably be cured within such thirty (30) day period, if the defaulting party shall proceed promptly after the receipt of such notice to cure such default, and shall pursue curing such default with due diligence, the time for curing shall be extended for such period of time as may be necessary to complete such curing, however, in no event shall this extension of time be in excess of sixty (60) days, unless agreed upon by the non-defaulting party.

**20. REMEDIES.** Should the defaulting party fail to cure a default under this Agreement, the other party shall have all remedies available either at law or in equity, and the right to terminate this Agreement. In the event Landlord elects to terminate this Agreement due to a default by Tenant, Landlord shall continue to honor all sublease and license commitments made by Tenant through the expiration of the term of any such commitment, it being intended hereby that each such commitment shall survive the early termination of this Agreement.

**21. ATTORNEYS' FEES.** If there is any legal proceeding between Landlord and Tenant arising from or based on this Agreement, the unsuccessful party to such action or proceeding shall pay to the prevailing party all costs and expenses, including, without limitation, reasonable attorneys' fees and disbursements, incurred by such prevailing party in such action or proceeding and in any appeal in connection therewith.

If such prevailing party recovers a judgment in any such action, proceeding or appeal, such costs, expenses and attorneys' fees and disbursements shall be included in and as a part of such judgment.

**22. ADDITIONAL TERMINATION RIGHT.** If at any time during the Term, Tenant determines, in Tenant's sole and absolute discretion, with or without cause, that the Premises is no longer suitable or desirable for Tenant's intended use and/or purposes, Tenant shall have the right to terminate this Agreement upon sixty (60) days prior written notice to Landlord.

**23. PRIOR AGREEMENTS.** The parties hereby covenant, recognize and agree that the terms and provisions of this Agreement shall constitute the sole embodiment of the arrangement between the parties with regard to the Premises, and that all other written or unwritten agreements, contracts, or leases by and between the parties with regard to the Premises are hereby terminated, superseded and replaced by the terms hereof.

**24. SUBORDINATION, NON-DISTURBANCE AND ATTORNMENT.** In the event the Property is encumbered by a mortgage or deed of trust or other security instrument of any kind (a "**Landlord Mortgage**"), Landlord, within fifteen (15) days following Tenant's request or immediately prior to the creation of any encumbrance created after the date this Agreement is fully executed, will obtain from the holder of each such Landlord Mortgage a fully-executed subordination, non-disturbance and attornment agreement (an "**SNDA**") in recordable form, which shall be prepared or approved by Tenant. The holder of every such Landlord Mortgage shall, in the SNDA, agree that in the event of a foreclosure, or conveyance in lieu of foreclosure of Landlord's interest in the Premises, such Landlord Mortgage holder shall recognize and confirm the validity and existence of this Agreement, not disturb the tenancy of Tenant (and its customers, subtenants, and licensees) and Tenant (and its customers, subtenants, and licensees) shall have the right to continue its use and occupancy of the Premises in accordance with the provisions of this Agreement, provided Tenant is not in default of this Agreement beyond applicable notice and cure periods.

**25. LENDER'S RIGHTS.**

(a) Landlord agrees to recognize the subleases and licenses of all subtenants and licensees and will permit each of them to remain in occupancy of its premises notwithstanding any default hereunder by Tenant so long as each such respective subtenant or licensee is not in default under the lease/license covering its premises. Landlord agrees to execute such documents as any such subtenant and/or licensee might reasonably require, including customary subordination, non-disturbance and attornment agreements and/or Landlord recognition agreements, to further memorialize the foregoing, and further agrees to use Landlord's best efforts to also cause its lenders to similarly acknowledge, in writing, subtenant's and licensee's right to continue to occupy its premises as provided above.

(b) Landlord consents to the granting by Tenant of a lien and security interest in Tenant's interest in this Agreement and/or leasehold estate of the Premises and all of Tenant's personal property and fixtures attached to the real property described herein, and furthermore consents to the exercise by Lender of its rights of foreclosure with respect to its lien and security interest. Landlord agrees to recognize Lender as Tenant hereunder upon any such exercise by Lender of its rights of foreclosure.

(c) Landlord hereby agrees to give Lender written notice of any breach or default of Tenant of the terms of this Agreement within fifteen (15) days after the occurrence thereof at the address set forth in Section 29. Landlord further agrees that no default under this Agreement by Tenant shall be deemed to have occurred unless such notice to Lender is also given and that, in the event of any such breach or default under the terms of this Agreement, Lender shall have the right, to the same extent, for the same period and with the same effect, as Tenant, plus an additional ninety (90) days after any applicable grace period to cure or correct any such default.

(d) Landlord acknowledges that nothing contained herein shall be deemed or construed to obligate Lender to take any action hereunder, or to perform or discharge any obligation, duty or liability of Tenant under this Agreement. Lender shall not become liable under the provisions of this Agreement or any lease executed pursuant to Section 26 hereof unless and until such time as it becomes, and then only for as long as it remains, the owner of the leasehold estate created hereby or thereby.

(e) Tenant shall have the right from time to time to mortgage or otherwise encumber Tenant's interest in this Agreement and/or leasehold estate in the Premises; provided, however, in no event shall there be more than one such mortgage or encumbrance outstanding at any one time. If Tenant shall so mortgage (each a "**Tenant Mortgage**") Tenant's interest in this Agreement and/or leasehold interest in the Premises to Lender, Tenant or Lender shall give Landlord prompt notice of such Tenant Mortgage and furnish Landlord with a complete and correct copy of such Tenant Mortgage, certified as such by Tenant or Lender, together with the name and address of Lender if it is different from the information set forth in Section 29 hereof. The term "**Lender**" as used in this Agreement shall mean the lender identified in Section 29 hereof and its successors, assigns, designees or nominees.

(f) This Agreement shall not be amended or modified without the consent of Lender. In the event that Lender shall become the owner of such leasehold estate, Lender shall not be bound by any modification or amendment of this Agreement made subsequent to the date of a Tenant Mortgage unless Lender shall have consented to such modification or amendment at the time it was made.

## **26. RIGHT TO NEW LEASE.**

(a) In the case of termination of this Agreement for any reason, or in the event this Agreement is rejected or disaffirmed pursuant to any bankruptcy, insolvency or other law affecting creditor's rights, Landlord shall give prompt notice thereof to Lender at the address set forth in Section 29 or as may be provided to Landlord by Tenant following the Commencement Date. Thereafter, Landlord, upon written request of Lender, and within thirty (30) days after the receipt of such request, shall promptly execute and deliver a new lease of the Premises and assignment of all subleases and licenses to Lender or its designee or nominee, for the remainder of the Term upon all the covenants, conditions, limitations and agreements contained herein (including, without limitation, options to extend the Term) except for such provisions which must be modified to reflect such termination, rejection or disaffirmance and the passage of time, provided that Lender (i) shall pay to Landlord, simultaneously with the delivery of such new lease, all unpaid rent due under this Agreement up to and including the date of the commencement of the term of such new lease and all reasonable expenses, including, without limitation, reasonable attorneys' fees and disbursements and court costs, incurred by Landlord in connection with the default by Tenant, the termination of this Agreement and the preparation of the new lease, and (ii) shall cure all defaults existing under this Agreement which are susceptible to being cured by Lender promptly and with due diligence after the delivery of such new lease. Notwithstanding anything to the contrary contained herein, provided Lender shall have otherwise complied with the provisions of this Section, Lender shall have no obligation to cure any defaults which are not susceptible to being cured by Lender (for example, the bankruptcy of Tenant).

(b) For so long as Lender shall have the right to enter into a new lease with Landlord pursuant to this Section, Landlord shall not enter into a new lease of the Premises with any person or entity other than Lender, without the prior written consent of Lender.

## **27. ADDITIONAL PROVISIONS.**

(a) The parties hereto agree that (i) Tenant is in possession of the Premises notwithstanding the fact that Tenant has subleased or licensed, or may in the future sublease or license, certain of the improvements thereon or portions of the Premises to third parties, and (ii) the requirements of Section

365(h) of Title 11 of the United States Code (the Bankruptcy Code) with respect to Tenant's possession of the leasehold under this Agreement are satisfied. Accordingly, the right of Tenant to remain in possession of the leasehold under this Agreement shall continue notwithstanding any rejection of this Agreement in any bankruptcy proceeding involving Landlord, or any other actions by any party in such a proceeding. This provision, while included in this Agreement, has been separately negotiated and shall constitute a separate contract between the parties as well as a part of this Agreement. The provisions of this Section are for the benefit of Tenant and its assigns, including, without limitation, Lender. The parties hereto also agree that Lender is a party in interest and shall have the right to appear as a party in any proceeding brought under any bankruptcy law or under any other law which may affect this Agreement.

(b) The provisions of Section 25 and Section 26 hereof shall survive the termination, rejection or disaffirmance of this Agreement and shall continue in full force and effect thereafter to the same extent as if such Sections were a separate and independent contract made by Landlord, Tenant and Lender and, from the effective date of such termination, rejection or disaffirmance of this Agreement to the date of execution and delivery of such new lease, Lender may use and enjoy the leasehold estate created by this Agreement without hindrance by Landlord. The aforesaid agreement of Landlord to enter into a new lease with Lender shall be deemed a separate agreement between Landlord and Lender, separate and apart from this Agreement as well as a part of this Agreement, and shall be unaffected by the rejection of this Agreement in any bankruptcy proceeding by any party.

(c) Landlord shall have no right, and expressly waives any right arising under applicable law, in and to the rentals or other fees payable to Tenant, if any, under any sublease or license of the Premises by Tenant, which rentals or fees may be assigned by Tenant to Lender.

(d) If a Tenant Mortgage is in effect, this Agreement shall not be modified or amended by the parties hereto, or terminated or surrendered by Tenant, nor shall Landlord accept any such termination or surrender of this Agreement by Tenant, without the prior written consent of Lender.

(e) The provisions of Section 25 and Section 26 hereof are for the benefit of Lender and may be relied upon and shall be enforceable by Lender as if Lender were a party to this Agreement.

(f) Landlord shall, within ten (10) days of the request of Tenant or any Lender or prospective Lender, provide an estoppel certificate as to any matters reasonably requested by Tenant or Lender.

(g) The right to extend or renew this Agreement and any right of first refusal to purchase the Premises may be exercisable by the holder of a Tenant Mortgage and, before the expiration of any periods to exercise such a right, Landlord must provide to Lender at least thirty (30) days prior written notice before the expiration of the right to so extend or renew in order to extinguish Lender's right to so extend, renew or purchase.

(h) Under no circumstances shall the fee estate of Landlord and the leasehold estate created hereby merge, even though owned by the same party, without the written consent of the holder of a Tenant Mortgage.

**28. QUIET ENJOYMENT.** So long as Tenant is not in default under this Agreement beyond the applicable notice and cure period, Landlord covenants and agrees that Tenant shall peaceably and quietly

hold and enjoy the Premises throughout the Term, without any hindrance, molestation or ejection by Landlord, its successors or assigns or by those claiming by, through or under them.

**29. NOTICES.** All notices, requests, claims, demands, and other communications hereunder shall be in writing and may be hand delivered (provided the deliverer provides proof of delivery) or sent by nationally established overnight courier that provides proof of delivery, or certified or registered mail (postage prepaid, return receipt requested). Notice shall be deemed received on the date of delivery as demonstrated by the receipt of delivery. Notices shall be delivered to a party at the party's respective address below, or to such other address that a party below may provide from time to time:

**If to Landlord:**  
Wanda Sparks Allen  
815 Richmond Road  
Loop 2  
Lancaster, KY 40444

**If to Tenant:**  
VB 500 II, LLC  
750 Park of Commerce Drive, Suite 200  
Boca Raton, FL 33487  
  
Ref: US-KY-5166  
Attn: VP Asset Management

**If to Lender:**  
Barclays Bank PLC,  
as Administrative Agent  
745 Seventh Avenue, 5th Floor  
New York, NY 10019  
Attn: Karen Ngai

With a copy to: General Counsel

**30. MISCELLANEOUS.**

- (a) Each party hereto warrants and represents that it has the necessary power and authority to enter into and perform its respective obligations under this Agreement.
- (b) If any term of this Agreement is found to be void or invalid, such invalidity shall not affect the remaining terms of this Agreement, which shall continue in full force and effect.
- (c) All attached exhibits are hereby incorporated by this reference as if fully set forth herein.
- (d) Failure of a party to insist on strict performance of any of the conditions or provisions of this Agreement, or failure to exercise any of a party's rights hereunder, shall not waive such rights.
- (e) This Agreement shall be governed by and construed in accordance with the laws of the State or Commonwealth in which the Premises are located.
- (f) This Agreement constitutes the entire agreement and understanding of the parties and supersedes all offers, negotiations, other leases and/or agreements with regard to the Premises. There are no representations or understandings of any kind not set forth herein. Any amendment to this Agreement must be in writing and executed by both parties.
- (g) This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.
- (h) A short-form Memorandum of Option to Lease (and a short-form Memorandum of Lease in the event Tenant exercises its option to lease the Premises) may be recorded at Landlord's or Tenant's option in the form as depicted in **Exhibit 3** and **Exhibit 4**, respectively, attached hereto. In addition, Tenant's subtenants and licensees shall have the right to record a memorandum of its sublease or license with Tenant.



(i) Landlord shall keep the terms of this Agreement confidential and shall not disclose any terms contained within this Agreement to any third party other than such terms as are set forth in the Memorandum of Option to Lease or Memorandum of Lease.

**[SIGNATURES BEGIN ON NEXT PAGE]**

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date (date last signed by a party hereto).

WITNESSES:

LANDLORD:

Heather Douglas  
Name: Heather Douglas

Wanda Sparks Allen  
Wanda Sparks Allen

Christina A. Whitworth  
Name: Christina A. Whitworth

Date: 010923

STATE OF Kentucky

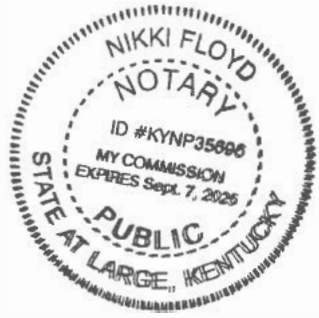
COUNTY OF Garrard

The foregoing instrument was acknowledged before me this January 9  
20 23 by Wanda Sparks Allen, a single woman.

Nikki Floyd  
Notary Public

Print Name: Nikki Floyd

My Commission Expires: 9-7-25



(Tenant signature page to Option and Lease Agreement)

WITNESSES:

Janette Castillo  
Name: Janette Castillo  
Esther Nelson  
Name: Esther Nelson

TENANT:

VB 500 II, LLC  
a Delaware limited liability company

Ariel Rubin  
By: Ariel Rubin  
Name: Ariel Rubin  
Title: Vice President of Tower Development  
Date: 1-20-2023

LEGAL OR  
7c

STATE OF FLORIDA

COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this Jan. 20<sup>th</sup>  
20 23 by Ariel Rubin (name of signatory), VPTD  
(title of signatory) of VB 500 II, LLC, a Delaware limited liability company, on  
behalf of the company.

Rachel Williamson  
Notary Public

Print Name: Rachel Williamson

My Commission Expires: Oct. 17, 2026



**EXHIBIT 1**

Legal Description of the Property (Parent Parcel)

(may be updated by Tenant upon receipt of final legal description from title)

PARCEL 1:

TRACT "1"

LOCATED and BEING in Garrard County, Kentucky, on the Richmond-Lancaster Pike and more particularly described as follows:

BEGINNING at a point 33 feet from the center of L. & N. Railroad right-of-way and in the middle of the Lancaster and Richmond Turnpike; thence with the middle of the Lancaster and Richmond turnpike; thence with the middle of Pike S 43 E 4 chains, S 62 1/2 E 4.45 chains, N 83 1/4 E 4.75 chains, S 70 E 13.80 chains to the middle of Pike, corner to the 10 acre tract; thence with the said 10 acre tract, with the wire fence, S 21 1/4 W 11.50 chains to a stone; thence S 55 E 8.54 chains to a stone, corner to 10 acre tract and in Burnside line, S 21 1/4 W 20.75 chains to a stone, corner to the 30 acres of Susie Kincaid; thence with said 30 acres and in line to the 30 acre tract of Mat Smith; thence with his line, with the wire fence, N 23 1/2 W 10.30 chains, a new corner; thence a new line, N 76 1/2 W 14.83 chains to the middle of Hammock Pike; with same N 5 1/2 W 4 chains to the middle of the Pike, near the gate of Mat Smith; thence with the middle of Hammock Pike N 6 W 13 chains to a point in the middle of the Pike and in the Old L. & N. Railroad right-of-way; thence with the L. & N. right-of-way N 79 E 1.72 chains, N 77 1/2 E 7.50 chains, N 74 E 4.35 chains to the beginning and containing 97 acres, more or less.

TRACT "1 A":

LOCATED and BEING in Garrard County, Kentucky, on the Lancaster-Richmond Pike, and further described as follows:

ADJOINING Parcel 1 described herein and BEGINNING at a point in the Richmond-Lancaster Turnpike; running thence in a Southerly direction

with the lands of Robert Hagan to a corner with the 97 acre tract (Parcel I); thence in a Westerly direction with said Parcel I to another corner; thence still with parcel I in a Northerly direction to a point in said Turnpike; thence with said Turnpike in an Easterly direction to the point of beginning and containing 10 acres, more or less.

HOWEVER there is EXCEPTED from and not conveyed herein the following:

EXCEPTION #1:

BEING a Parcel of land conveyed to David Ray Allen and Scarlett Angelic Allen, his wife, by deed dated the 23<sup>rd</sup> day of March 2005, said deed now of record in Deed Book 231, Page 182, Garrard County Court Clerk's office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

EXCEPTION #2:

A parcel of land conveyed to David R. Allen and Scarlett Allen, his wife, by deed dated the 10<sup>th</sup> day of July 2003, said deed now of record in Deed Book 222, Page 220, Garrard County Court Clerk's office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

EXCEPTION #3:

A Parcel of land subtracted from Parcel I (described above) BEING this day conveyed to Rose D. Sparks and Carolyn Rankin, to wit:

A Parcel of land located and being on KY Hwy. 52, near Point Leavell, in Garrard County, Kentucky, BEGINNING at a post or stake at the corner of the right-of-way of KY Hwy 52 and Ballard Brothers farm and from said post or stake in a Southerly direction and with line fence of Ballard Brothers property and following said line fence to a point in line with Ballard Brothers and Parcel I; thence West, a fence line, to a stake corner with this property herein conveyed and other land of Parcel I; thence North a new line to a stake corner; thence West 50 feet to a stake corner with this land and Parcel I; thence North a new line 710 feet to a stake corner with the right-of-way line of KY Hwy. 52; thence East with right-of-way of KY Hwy 52 a distance of 355 feet to the point of beginning and containing 10.81 acres, more or less.

HOWEVER First party retains for herself, for her lifetime, from this tract being deeded to Rose D. Sparks and Carolyn S. Rankin, the following described property: BEGINNING at a point on the right-of-way line of KY Hwy 52 (said point being marked by post), thence South a yard fence, 198 feet to a stake corner; thence with yard fence West 177 feet to a corner marked with stake; thence North a new line 230 feet to a post in right of way line of said KY Hwy 52; thence East with right-of-way line to the point of beginning.

The above-described Exception being the same property this day deeded to Rose D. Sparks and Carolyn S. Rankin, a married woman, now of record in Deed Book \_\_\_\_\_, Page \_\_\_\_\_, Garrard County Court Clerk's office.

PARCEL 1 and TRACT "1A" and all Excepted tracts BEING THE SAME PROPERTY originally conveyed to Elisha Sparks and Rose Sparks, his wife, by deed dated the 1<sup>st</sup> day of January 1964, and of record in Deed Book 84, Page 81, Garrard County Court Clerk's office. For Rose Sparks power to convey, reference is hereby made to the Last Will and Testament of Elisha Sparks now of record in Will Book 8, Page 307, Garrard County Court Clerk's office, wherein Elisha Sparks devised his interest to Rose Sparks.

PARCEL II:

LOCATED and BEING in Garrard County, Kentucky, on the Richmond Road near Point Leavell, and BEGINNING in the middle of a drive leading from Richmond Road to Sate Smith; thence East 140 feet to center of Pike; thence following Pike back to center of said drive; thence with drive South 64 feet to the beginning

BEING the same property conveyed to Rose D. Sparks by deed from Charles Ray Smith Jr., et ux. by deed dated the 4<sup>th</sup> day of May 2002, said deed now of record in Deed Book 210, Page 307, Garrard County Court Clerk's office.

PARCEL III:

A certain Parcel of land located and being in Garrard County, Kentucky, at Point Leavell, and more particularly described as follows:

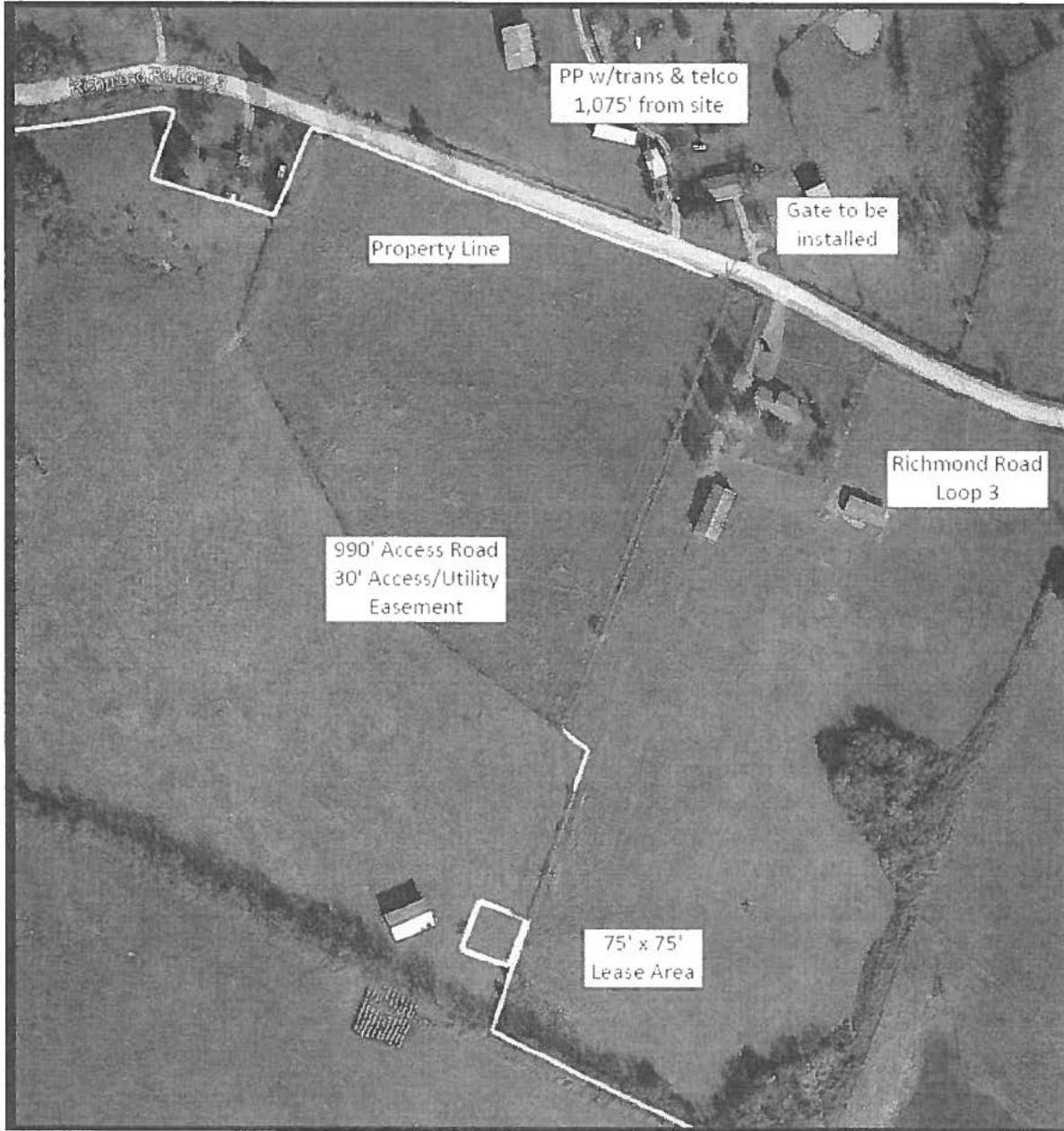
BEGINNING at a point on west bank of Back Creek, corner of old L. & N. Bridge place and corner to Sparks land; thence running in a Northerly direction with the said West bank of Back creek to a point in center of Kentucky Hwy #52; thence with center of the same and in an Easterly direction to a corner with lot of Leslie Adams; thence in a Southerly direction and with the West side of lane leading to home of Sparks; thence with the line of Sparks to the point of beginning and containing one (1) acre, more or less.

BEING the same property conveyed to First Party by deed dated the 3<sup>rd</sup> day of June 1955 and now of record in Deed Book 50, Page 50, Garrard County Court Clerk's office

**EXHIBIT 2**

Premises

(below may be replaced with a final survey and legal description of the Premises)



**FLOOD HAZARD STATEMENT:**

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA/FIRM MAP COMMUNITY PANEL NUMBER 21079C 0200 C, GARRARD COUNTY, KENTUCKY, EFFECTIVE DATE APRIL 18, 2011.

**PROJECT BENCHMARK**

PROJECT BENCHMARK ELEVATION DATUM IS BASED UPON GPS SURVEY METHODS AND PROCEDURES. TOP OF "CAPPED" IRON PIN SET THIS SURVEY ELEVATION = 910.45' N.A.V.D. 88 (SEE PLAN FOR LOCATION)

Site Name/No.: US-KY-5166 - Hyattsville

The information contained on this revised Survey is agreed to and approved by Landlord on this 22 day of August, 2023. This document shall be deemed an amendment to the Lease Agreement by and between the parties.

*Wanda S. Allen*

Landlord Name, Title

**PERIMETER DATA - VB 500 II LLC'S TOWER LEASE AREA**

NO.	BEARING	DISTANCE
A	S 61° 45' 00" E	75.00'
B	S 28° 15' 00" W	75.00'
C	N 61° 45' 00" W	75.00'
D	N 28° 15' 00" E	75.00'

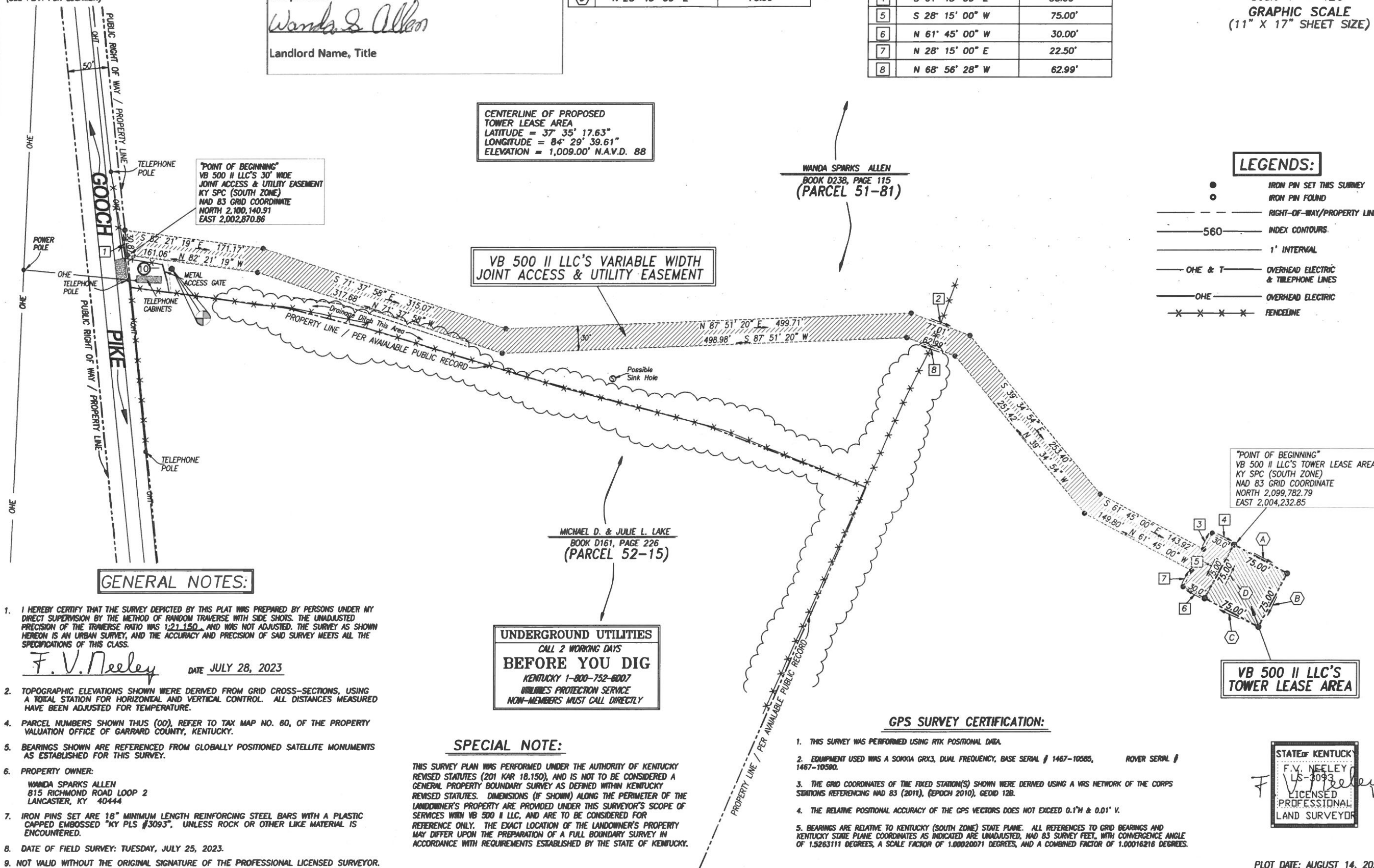
**PERIMETER DATA - VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT**

NO.	BEARING	DISTANCE
1	N 06° 00' 28" W	30.87'
2	S 68° 56' 28" E	77.01'
3	N 28° 15' 00" E	22.50'
4	S 61° 45' 00" E	30.00'
5	S 28° 15' 00" W	75.00'
6	N 61° 45' 00" W	30.00'
7	N 28° 15' 00" E	22.50'
8	N 68° 56' 28" W	62.99'

KY SPC (SOUTH ZONE)  
NAD 83 GRID NORTH



Scale 1" = 120'  
GRAPHIC SCALE  
(11" X 17" SHEET SIZE)



CENTERLINE OF PROPOSED TOWER LEASE AREA  
LATITUDE = 37° 35' 17.63"  
LONGITUDE = 84° 29' 39.61"  
ELEVATION = 1,009.00' N.A.V.D. 88

VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT

WANDA SPARKS ALLEN  
BOOK D238, PAGE 115  
(PARCEL 51-81)

MICHAEL D. & JULIE L. LAKE  
BOOK D161, PAGE 226  
(PARCEL 52-15)

**LEGENDS:**

- IRON PIN SET THIS SURVEY
- IRON PIN FOUND
- RIGHT-OF-WAY/PROPERTY LINE
- 560 INDEX CONTOURS
- 1' INTERVAL
- OHE & T OVERHEAD ELECTRIC & TELEPHONE LINES
- OHE OVERHEAD ELECTRIC
- FENCELINE

**GENERAL NOTES:**

- I HEREBY CERTIFY THAT THE SURVEY DEPICTED BY THIS PLAT WAS PREPARED BY PERSONS UNDER MY DIRECT SUPERVISION BY THE METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. THE UNADJUSTED PRECISION OF THE TRAVERSE RATIO WAS 1:21,150, AND WAS NOT ADJUSTED. THE SURVEY AS SHOWN HEREON IS AN URBAN SURVEY, AND THE ACCURACY AND PRECISION OF SAID SURVEY MEETS ALL THE SPECIFICATIONS OF THIS CLASS.  
*F. V. Neeley* DATE JULY 28, 2023
- TOPOGRAPHIC ELEVATIONS SHOWN WERE DERIVED FROM GRID CROSS-SECTIONS, USING A TOTAL STATION FOR HORIZONTAL AND VERTICAL CONTROL. ALL DISTANCES MEASURED HAVE BEEN ADJUSTED FOR TEMPERATURE.
- PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 60, OF THE PROPERTY VALUATION OFFICE OF GARRARD COUNTY, KENTUCKY.
- BEARINGS SHOWN ARE REFERENCED FROM GLOBALLY POSITIONED SATELLITE MONUMENTS AS ESTABLISHED FOR THIS SURVEY.
- PROPERTY OWNER:  
WANDA SPARKS ALLEN  
815 RICHMOND ROAD LOOP 2  
LANCASTER, KY 40444
- IRON PINS SET ARE 18" MINIMUM LENGTH REINFORCING STEEL BARS WITH A PLASTIC CAPPED EMBOSSED "KY PLS #3093", UNLESS ROCK OR OTHER LIKE MATERIAL IS ENCOUNTERED.
- DATE OF FIELD SURVEY: TUESDAY, JULY 25, 2023.
- NOT VALID WITHOUT THE ORIGINAL SIGNATURE OF THE PROFESSIONAL LICENSED SURVEYOR.

**UNDERGROUND UTILITIES**  
CALL 2 WORKING DAYS  
**BEFORE YOU DIG**  
KENTUCKY 1-800-752-6007  
UTILITIES PROTECTION SERVICE  
NON-MEMBERS MUST CALL DIRECTLY

**SPECIAL NOTE:**

THIS SURVEY PLAN WAS PERFORMED UNDER THE AUTHORITY OF KENTUCKY REVISED STATUTES (201 KAR 18.150), AND IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY AS DEFINED WITHIN KENTUCKY REVISED STATUTES. DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITHIN VB 500 II LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF KENTUCKY.

**GPS SURVEY CERTIFICATION:**

- THIS SURVEY WAS PERFORMED USING RTK POSITIONAL DATA.
- EQUIPMENT USED WAS A SOKKIA GRX3, DUAL FREQUENCY, BASE SERIAL # 1467-10585, ROVER SERIAL # 1467-10590.
- THE GRID COORDINATES OF THE FIXED STATION(S) SHOWN WERE DERIVED USING A VRS NETWORK OF THE CORPS STATIONS REFERENCING NAD 83 (2011), (EPOCH 2010), GEOID 12B.
- THE RELATIVE POSITIONAL ACCURACY OF THE GPS VECTORS DOES NOT EXCEED 0.1" H & 0.01" V.
- BEARINGS ARE RELATIVE TO KENTUCKY (SOUTH ZONE) STATE PLANE. ALL REFERENCES TO GRID BEARINGS AND KENTUCKY STATE PLANE COORDINATES AS INDICATED ARE UNADJUSTED, NAD 83 SURVEY FEET, WITH CONVERGENCE ANGLE OF 1.5263111 DEGREES, A SCALE FACTOR OF 1.00020071 DEGREES, AND A COMBINED FACTOR OF 1.00016216 DEGREES.

"POINT OF BEGINNING"  
VB 500 II LLC'S TOWER LEASE AREA  
KY SPC (SOUTH ZONE)  
NAD 83 GRID COORDINATE  
NORTH 2,099,782.79  
EAST 2,004,232.85

VB 500 II LLC'S TOWER LEASE AREA

STATE OF KENTUCKY  
*F. V. Neeley*  
LS-3093  
LICENSED PROFESSIONAL LAND SURVEYOR



SHARONDALE SURVEYING INC.  
161 MARTIN ROAD  
BON AQUA, TN 37025  
(615) 513-0032  
E-Mail: Sharonda@bellsouth.net

VB 500 II LLC SITE SURVEY: KENTUCKY "HYATTSVILLE" TOWER SITE LOCATED IN: GARRARD COUNTY, KENTUCKY TOWER LEASE AREA SURVEY PREPARED FOR: VB 500 II LLC VB 500 II LLC SITE NUMBER: US-KY-5166

SHEET NUMBER:

1 OF 2

PROJECT NUMBER:  
223.080.20

PLOT DATE: AUGUST 14, 2023



**VB 500 II LLC'S TOWER LEASE AREA DESCRIPTION**

Beginning at a capped "Sharondale Nashville" iron pin set at the north corner of VB 500 II LLC's tower lease area located at Kentucky State Plane (South Zone) NAD 83 Grid Coordinate North 2,099,782.79, East 2,004,232.85;

Thence, South 61 degrees 45 minutes 00 seconds East, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the east corner of VB 500 II LLC's tower lease area;

Thence, South 28 degrees 15 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the south corner of VB 500 II LLC's tower lease area;

Thence, North 61 degrees 45 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the west corner of VB 500 II LLC's tower lease area;

Thence, North 28 degrees 15 minutes 00 seconds East, 75.00 feet to the point of beginning, containing 5,725 square feet, (0.129 acres).

Being a portion of the property conveyed to Wanda Sparks Allen, of record in Book D238, Page 115, of the Court Clerk's Office of Garrard County, Kentucky.

**VB 500 II LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT AREA DESCRIPTION**

Being a thirty foot wide joint access and utility easement extending from the east margin of Gooch Pike to the northwest margin of VB 500 II LLC's tower lease area, being more particularly described as follows:

Beginning at a point in the east margin of Gooch Pike located at Kentucky State Plane (South Zone) NAD 83 Grid Coordinate North 2,100,140.91, East 2,002,870.86;

Thence, with the east margin of Gooch Pike, North 6 degrees 00 minutes 28 seconds West, 30.87 feet to a point;

Thence, leaving the east margin of Gooch Pike, South 82 degrees 21 minutes 19 seconds East, 171.17 feet to a point;

Thence, South 71 degrees 37 minutes 58 seconds East, 315.07 feet to a point;

Thence, North 87 degrees 51 minutes 20 seconds East, 499.71 feet to a point;

Thence, South 68 degrees 56 minutes 28 seconds East, 77.01 feet to a point;

Thence, South 39 degrees 34 minutes 54 seconds East, 253.40 feet to a point;

Thence, South 61 degrees 45 minutes 00 seconds East, 143.92 feet to a point;

Thence, North 28 degrees 15 minutes 00 seconds East, 22.50 feet to a point;

Thence, South 61 degrees 45 minutes 00 seconds East, 30.00 feet to a capped "Sharondale Nashville" iron pin set at the north corner of VB 500 II LLC's tower lease area;

Thence, with the northwest margin of VB 500 II LLC's tower lease area, South 28 degrees 15 minutes 00 seconds West, 75.00 feet to a capped "Sharondale Nashville" iron pin set at the southwest corner of VB 500 II LLC's tower lease area;

Thence, leaving the northwest margin of VB 500 II LLC's tower lease area, North 61 degrees 45 minutes 00 seconds West, 30.00 feet to a point;

Thence, North 28 degrees 15 minutes 00 seconds East, 22.50 feet to a point;

Thence, North 61 degrees 45 minutes 00 seconds West, 149.80 feet to a point;

Thence, North 39 degrees 34 minutes 54 seconds West, 251.42 feet to a point;

Thence, North 68 degrees 56 minutes 28 seconds West, 62.99 feet to a point;

Thence, South 87 degrees 51 minutes 20 seconds West, 498.98 feet to a point;

Thence, North 71 degrees 37 minutes 58 seconds West, 317.68 feet to a point;

Thence, North 82 degrees 21 minutes 19 seconds West, 161.07 feet to the point of beginning, containing 45,783 square feet, (1.051 acres).

Being a portion of the property conveyed to Wanda Sparks Allen, of record in Book D238, Page 115, of the Court Clerk's Office of Garrard County, Kentucky.

**SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"**

**NOTES CORRESPONDING TO WESTCOR LANDTITLE INSURANCE COMPANY'S**

"TITLE COMMITMENT" - COMMITMENT NO. VTB-142536-C, ISSUED NOVEMBER 28, 2022.

EXCEPTION NUMBERS ONE THROUGH NINE ARE NOT THE TYPE OF EXCEPTIONS TO BE SHOWN UPON THE FACE OF THIS SURVEY.

⑩ DEED OF EASEMENT BETWEEN ELISHA AND ROSE SPARKS; AND GTE SOUTH INCORPORATED A VIRGINIA CORPORATION, OF RECORD IN BOOK 153, PAGE 304, OF THE COURT CLERK'S OFFICE OF GERRARD COUNTY, KENTUCKY, IS NOT APPLICABLE TO VB 500 II LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

AFFECTED BY A(N) MEMORANDUM OF ASSIGNMENT OF EASEMENTS BETWEEN WINDSTREAM HOLDINGS, INC., A DELAWARE CORPORATION, WINDSTREAM SERVICES, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WHI; AND WINDSTREAM KENTUCKY EAST, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WINDSTREAM; AND CSL KENTUCKY SYSTEM, LLC, A DELAWARE LIMITED LIABILITY COMPANY, DATED AUGUST 18, 2016, AND RECORDED OCTOBER 4, 2016, IN (BOOK) 285 (PAGE) 655 (INSTRUMENT) 132065, IN GARRARD COUNTY, KENTUCKY.

AFFECTED BY A(N) MEMORANDUM OF ASSIGNMENT OF EASEMENTS BETWEEN WINDSTREAM HOLDINGS, INC., A DELAWARE CORPORATION, WINDSTREAM SERVICES, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WHI; AND WINDSTREAM KENTUCKY EAST, LLC, A DELAWARE LIMITED LIABILITY COMPANY AND SUBSIDIARY OF WINDSTREAM; AND CSL KENTUCKY SYSTEM, LLC, A DELAWARE LIMITED LIABILITY COMPANY, DATED AUGUST 18, 2016, AND RECORDED OCTOBER 4, 2016, IN (BOOK) 286 (PAGE) 23 (INSTRUMENT) 132330, IN GARRARD COUNTY, KENTUCKY.

**UNDERLYING LANDOWNER'S PROPERTY AREA DESCRIPTION**

Parcel 1;

Tract "1"

Located and being in Garrard County, Kentucky, on the Richmond-Lancaster Pike and more particularly describes as follows:

Beginning at a point 33 feet from the center of L & N Railroad right-of-way and in the middle of the Lancaster and Richmond Turnpike; thence with the middle of the Lancaster and Richmond Turnpike; thence with the middle of Pike S 43 E 4 chains, S 62 1/2 E 4.45 chains, N 83 1/4 E 4.75 chains, S 70 E 13.80 chains to the middle of Pike, corner to the 10 acre tract; thence with the said 10 acre tract, with the wire fence, S 21 3/4 W 11.50 chains to a stone; thence S 55 E 8.54 chains to a stone, corner to 9 10 acre tract and in Burnside line, S 21 1/4 W 20.75 chains to a stone, corner to the 30 acres of Susie Kincaid; thence with said 30 acres and in line to the 30 acre tract of Mat Smith; thence with his line, with the wire fence, N 23 1/2 W 10.30 chains, a new corner; thence a New line, N 76 1/2 W 14.83 chains to the middle of Hammock Pike; with some N 5 5/2 W 4 chains to the middle of the Pike, near the gate of Mat Smith; thence with the middle of Hammock Pike No 6 W 13 chains to a point in the middle of the Pike and in the old L & N Railroad right-of-way; thence with the L & N right-of-way N 79 E 1.72 chains, N 77 1/2 E 7.50 chains, N 74 E 4.35 chains to the beginning and containing 97 acres, more or less.

Tract "1-A".

Located and being in Garrard County, Kentucky on the Lancaster-Richmond Pike, and further described as follows:

Adjoining Parcel 1 described herein and beginning at a point in the Richmond-Lancaster Turnpike; running thence in a Southerly direction with the lands of Robert Hogan to a corner with the 97 acre tract (Parcel 1); thence in a Westerly direction with said Parcel 1 to another corner; thence still with parcel 1 in a Northerly direction to a point in said Turnpike; thence with said Turnpike in an Easterly direction to the point of beginning and containing 10 acres, more or less.

However there is excepted from and not conveyed herein the following:

Exception #1:

Being a Parcel of land conveyed to David Ray Allen and Scarlett Angelic Allen, his wife, by deed dated the 23rd. day of March 2006, said deed now of record in Deed Book 231, Page 182, Garrard County Court Clerk's Office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

Exception #2:

A parcel of land conveyed to David Ray Allen and Scarlett Angelic Allen, his wife, by deed dated the 10rd. day of July 2003, said deed now of record in Deed Book 222, Page 220, Garrard County Court Clerk's Office, and reference is hereby made to said deed for a more particular description of said off-conveyance.

Exception #3:

A parcel of land subtracted from Parcel 1 (described above) Being this day conveyed to Rose D. Sparks and Carolyn Rankin, to wit:

A Parcel of land located and being on KY Hwy. 52 near Point Leavell, in Garrard County, Kentucky, beginning at a post or stake at the corner of the right-of-way of KY Hwy 52 and Ballard Brothers farm and from said post or stake in a Southerly direction and with line fence of Ballard Brothers property and following said line fence to a point in line with Ballard Brothers and Parcel 1; thence West, a fence line, to a stake corner with this property herein conveyed and other land of Parcel 1, thence North a new line to a stake corner; thence West 50 feet to a stake corner with this land and Parcel 1; thence North a new line 710 feet to a stake, corner with the right-of-way line of KY Hwy 52; thence East with right-of-way of KY Hwy 52 a distance of 366 feet to the point of beginning and containing 10.81 acres, more or less.

However First party retains for herself, for her lifetime from this tract being deeded to Rose D. Sparks and Carolyn S. Rankin, the following described property: Beginning at a point on the right-of-way line of KY Hwy 52 (said point being marked by post); thence South a yard fence, 198 feet to a stake corner; thence with yard fence West 177 feet to a corner marked with stake; thence North a new line 230 feet to a post in right of way line of said KY Hwy 52; thence East with right-of-way line to the point of beginning.

The above-described Exception being the same property this day deeded to Rose D. Sparks and Carolyn S. Rankin, a married woman, now of record in Deed Book, Page, Garrard County Clerk's Office.

Parcel 1 and Tract "1-a" and all Excepted tracts Being the same property originally conveyed to Elisha Sparks and Rose Sparks, his wife, by deed dated the 1st. day of January 1964, and of record in Deed Book 84, Page 81, Garrard County Court Clerk's Office, For Rose Sparks power to convey, reference is hereby made to the Last Will and Testament of Elisha Sparks now of record in Will Book 8, Page 307, Garrard County Court Clerk's Office, wherein Elisha Sparks devised his interest to Rose Sparks.

Parcel ID# 51-18

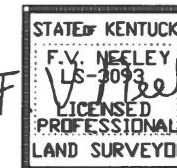
This being a portion of the property conveyed to Wanda Sparks Allen, single from Rose D. Sparks, widow, in a deed dated May 5, 2006, and recorded May 6, 2006, in Book D238, Page 115, of the Garrard County Kentucky Records.

**SURVEYOR'S STATEMENTS:**

I hereby certify to: Vertical Bridge REIT, LLC, a Delaware limited liability company, its subsidiaries, and their respective successors and/or assigns, and (ii) Toronto Dominion (Texas) LLC, as Administrative Agent, for itself and on behalf of the lenders parties from time to time to that certain Second Amended And Restated Loan Agreement dated June 17, 2016 with Vertical Bridge Holdco, LLC, as borrower, and Vertical Bridge Holdco Parent, LLC, as parent, as may be amended, restated, modified or renewed their successors and assigns as their interests may appear; and Tower Title, LLC, that (i) the VB 500 II LLC Access and Utility Easement run to a confirmed public R.O.W., (ii) VB 500 II LLC's tower lease and easement areas lie entirely within the Parent Parcel(s), (iii) at the time of this survey, there were no encroachments affecting the Vertical Bridge VB 500 II LLC's Tower Lease or VB 500 II LLC Easement Areas.

*F.V. Neeley*

Frank V. Neeley, Registered Land Surveyor  
State of Tennessee RLS # 1493.



PLOT DATE: AUGUST 14, 2023



SHARONDALE SURVEYING INC.  
161 MARTIN ROAD  
BON AQUA, TN 37025  
(615) 513-0032  
E-Mail: Sharmdale@bellsouth.net

VB 500 II LLC SITE SURVEY: KENTUCKY  
"HYATTSVILLE" TOWER SITE  
LOCATED IN: GARRARD COUNTY, KENTUCKY  
TOWER LEASE AREA SURVEY  
PREPARED FOR: VB 500 II LLC  
VB 500 II LLC SITE NUMBER: US-KY-5166

SHEET NUMBER:

2 OF 2

PROJECT NUMBER:

223.080.20

**EXHIBIT J  
NOTIFICATION LISTING  
CERTIFIED GREEN CARD RECEIPTS**

**Hyattsville – Notice List**

ALLEN WANDA SPARKS  
815 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

ISAACS JEROME  
1548 HURT LN  
LANCASTER, KY 40444

ISAAC RAYMOND & SHARON  
22 RICHMOND RD LOOP 3  
PAINT LICK, KY 40461

MERRITT DONALD & ARLENE  
133 RAIL WAY  
LANCASTER, KY 40444

BAKER DANNY & PAM  
156 WALKER PIKE  
PAINT LICK, KY 40461

BOWMAN RICHARD & ANGIE  
152 RAIL WAY  
LANCASTER, KY 40444

ALLEN CLARA & GARRETT ALLEN  
C/O WANDA ALLEN  
815 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

J & A INVESTMENTS LLC  
934 SIESTA DR  
RICHMOND, KY 40475

ALLEN WANDA  
ALLEN DAVID  
815 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

SPARKS WILLIS & ALICE  
479 RICHMOND RD LOOP 3  
PAINT LICK, KY 40461

GOOSLIN CHRISTY & SHAWN  
512 RICHMOND RD LOOP 3  
PAINT LICK, KY 40461

SHEPPARD BRANDON & CANDICE  
550 RICHMOND RD LOOP 3  
PAINT LICK, KY 40461

DAY WAYNE & TAMARA  
28 PROFIT RD  
PAINT LICK, KY 40461

LAKE MICHAEL D & JULIE L  
1175 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

SHELL GARY & TERRY SHELL BROWN  
3011 FALL LICK RD  
LANCASTER, KY 40444

TAULBEE EDNA MAE  
110 BRISTOL PL  
WINCHESTER, KY 40391

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Sent To **ALLEN WANDA SPARKS**  
**815 RICHMOND RD LOOP 2**  
**LANCASTER, KY 40444**

City, St. **LANCASTER, KY**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Sent To **Chris Elleman**  
**County Judge Executive**  
**15 Public Square, Suite 3**  
**Lancaster, KY 40444**

City, St. **LANCASTER, KY**

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Sent To **ISAAC RAYMOND & SHARON**  
**22 RICHMOND RD LOOP 3**  
**PAINT LICK, KY 40461**

City, St. **PAINT LICK, KY**

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**LANCASTER, KY 40444**

City, St. **LANCASTER, KY**

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Sent To **BAKER DANNY & PAM**  
**156 WALKER PIKE**  
**PAINT LICK, KY 40461**

City, St. **PAINT LICK, KY**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Sent To **MERRITT DONALD & ARLENE**  
**133 RAIL WAY**  
**LANCASTER, KY 40444**

City, St. **LANCASTER, KY**

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**J & A INVESTMENTS LLC**  
934 SIESTA DR  
RICHMOND, KY 40475

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**BOWMAN RICHARD & ANGIE**  
152 RAIL WAY  
LANCASTER, KY 40444

Postmark: **SHEPHERDSVILLE KY 40165 SEP 27 2023**

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**ALLEN WANDA**  
**ALLEN DAVID**  
815 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

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**ALLEN CLARA & GARRETT ALLEN**  
C/O WANDA ALLEN  
815 RICHMOND RD LOOP 2  
LANCASTER, KY 40444

Postmark: **SHEPHERDSVILLE KY 40165 SEP 27 2023**

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110 BRISTOL PL  
WINCHESTER, KY 40391

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Adult Signature Restricted Delivery \$

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**SHELL GARY & TERRY SHELL**  
BROWN  
3011 FALL LICK RD  
LANCASTER, KY 40444

Postmark: **SHEPHERDSVILLE KY 40165 SEP 27 2023**

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Return Receipt (electronic) \$

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Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage

**DAY WAYNE & TAMARA**  
**28 PROFIT RD**  
**PAINT LICK, KY 40461**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1977

**U.S. Postal Service™**  
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Certified Mail Fee  
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Extra Services & Fees (check box, add fee as appropriate)

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Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage

**LAKE MICHAEL D & JULIE L**  
**1175 RICHMOND RD LOOP 2**  
**LANCASTER, KY 40444**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 2004

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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage

**GOOSLIN CHRISTY & SHAWN**  
**512 RICHMOND RD LOOP 3**  
**PAINT LICK, KY 40461**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 2011

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OFFICIAL USE

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\$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage

**SPARKS WILLIS & ALICE**  
**479 RICHMOND RD LOOP 3**  
**PAINT LICK, KY 40461**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7022 3330 0000 3636 1991

**U.S. Postal Service™**  
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OFFICIAL USE

Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage

**SHEPPARD BRANDON & CANDICE**  
**550 RICHMOND RD LOOP**  
**PAINT LICK, KY 40461**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



**EXHIBIT K**  
**COPY OF PROPERTY OWNER NOTIFICATION**





**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410

**Notice of Proposed Construction of  
Wireless Communications Facility  
Site Name: Hyattsville**

Dear Landowner:

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility and VB 500 II, LLC, a Delaware limited liability company have filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 265 Gooch Pike, Paint Lick, KY 40461 (37° 35' 17.63" North latitude, 84° 29' 39.61" West longitude). The proposed facility will include a 250-foot tall tower, with an approximately 20-foot tall lightning arrestor attached at the top, for a total height of 270-feet, plus related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

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 to the 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 the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2023-00317 in any correspondence sent in connection with this matter.

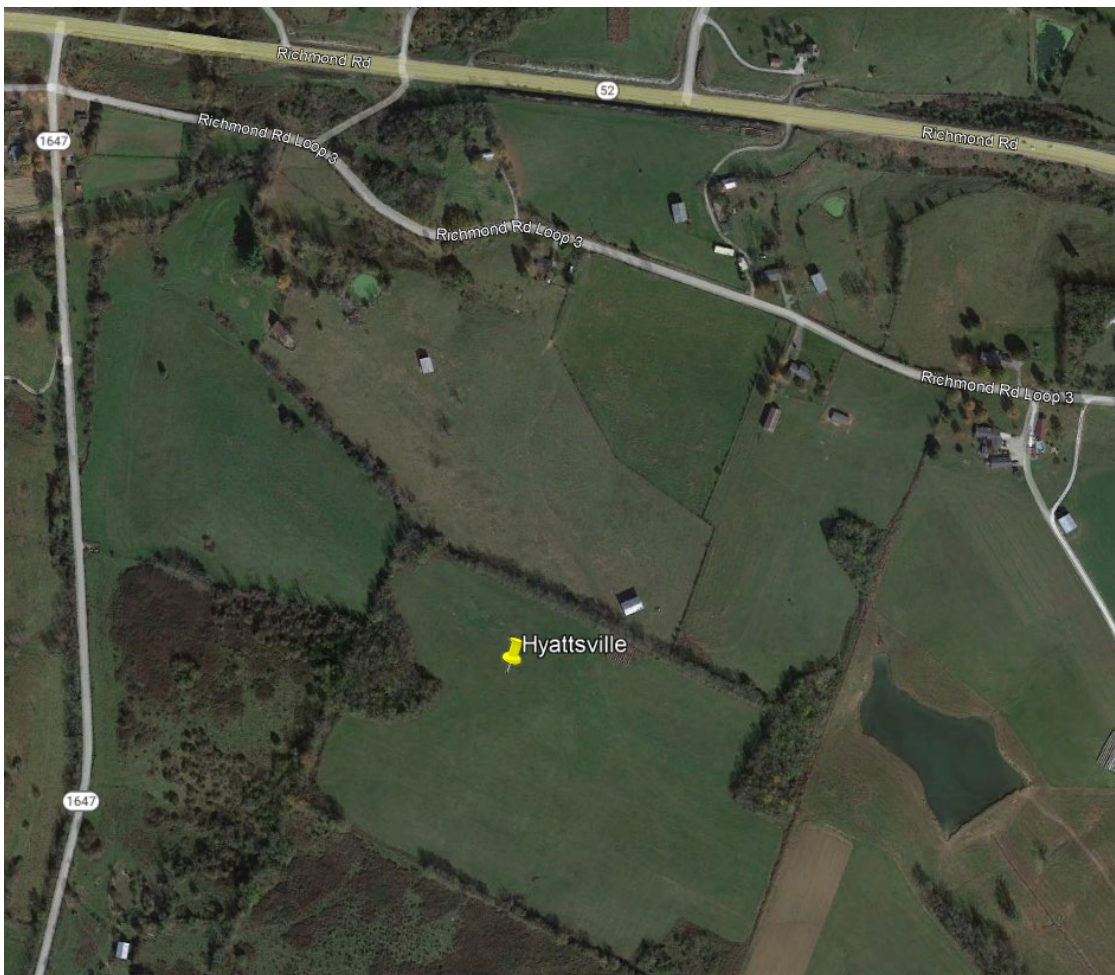
We have attached a map showing the site location for the proposed tower. AT&T Mobility's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us toll free at (800) 516-4293 if you have any comments or questions about this proposal.

Sincerely,  
David A. Pike  
Attorney for Applicants

enclosures

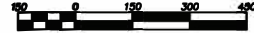
### Driving Directions to Proposed Tower Site

1. Beginning at the Garrard County Justice Center at 15 Public Square, Lancaster, KY 40444, travel west on Government Alley towards S. Baughman Street for approximately 150 feet.
2. Turn right onto S Baughman Street and travel approximately 236 feet.
3. Turn right at the first cross street onto KY-52 E / Richmond Road and travel approximately 4.9 miles.
4. Turn right onto State Hwy 1647 and travel approximately 0.3 miles.
5. The site is located on the left. The site address is 265 Gooch Pike, Paint Lick, KY 40461.
6. The site coordinates are:
  - a. North 37 deg 35 min 17.63 sec
  - b. West 84 deg 29 min 39.61 sec

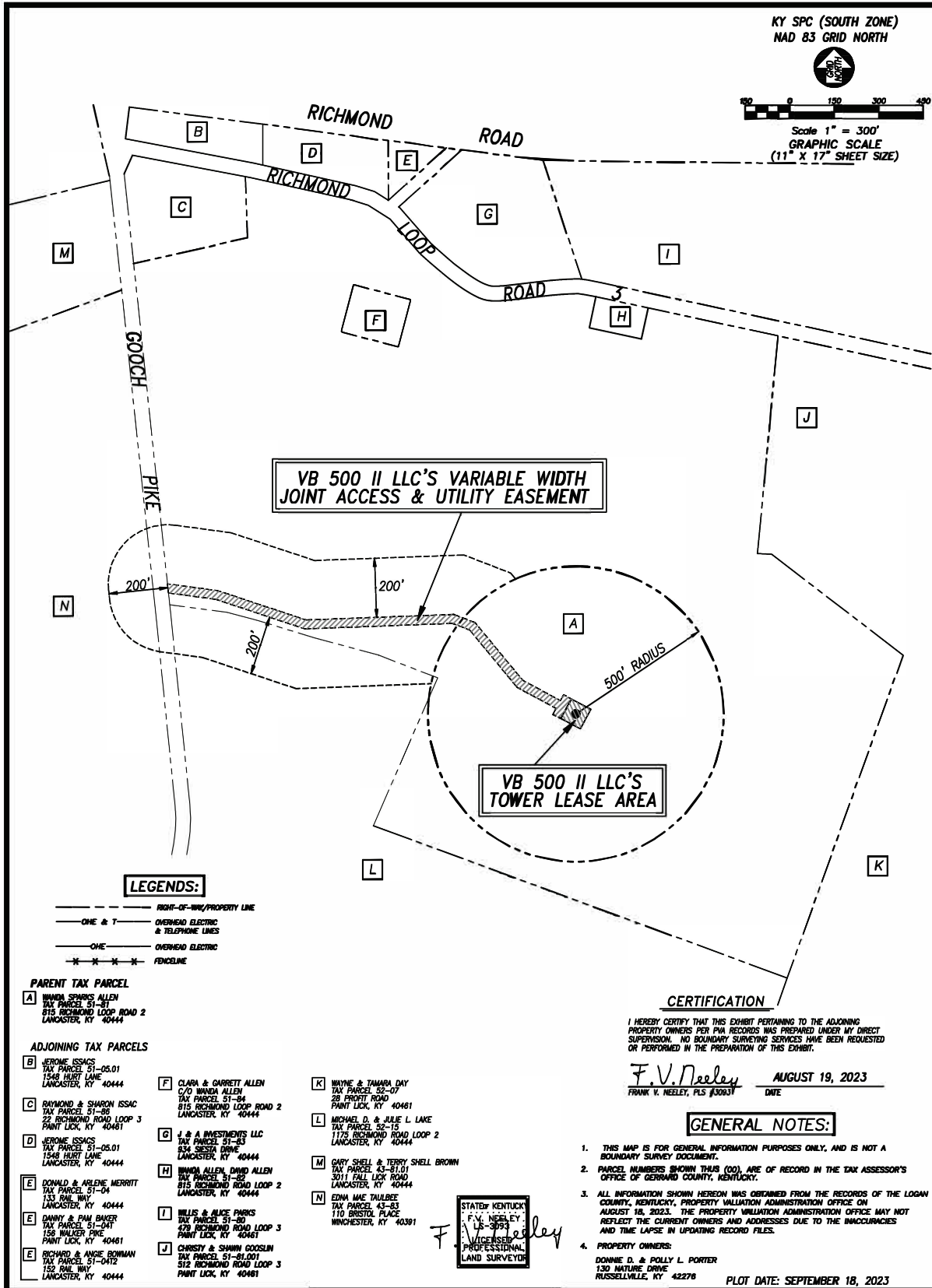


Prepared by:  
Aaron L. Roof  
Pike Legal Group  
1578 Highway 44 East, Suite 6  
P.O. Box 396  
Shepherdsville, KY 40165-3069  
Telephone: 502-955-4400 or 800-516-4293

KY SPC (SOUTH ZONE)  
NAD 83 GRID NORTH



Scale 1" = 300'  
GRAPHIC SCALE  
(11" X 17" SHEET SIZE)



**VB 500 II LLC'S VARIABLE WIDTH  
JOINT ACCESS & UTILITY EASEMENT**

**VB 500 II LLC'S  
TOWER LEASE AREA**

**LEGENDS:**

- RIGHT-OF-WAY/PROPERTY LINE
- O & T — OVERHEAD ELECTRIC & TELEPHONE LINES
- O — OVERHEAD ELECTRIC
- X — X — X — FENCELINE

**PARENT TAX PARCEL**

**A** WANDA SPARKS ALLEN  
TAX PARCEL 51-81  
815 RICHMOND LOOP ROAD 2  
LANCASTER, KY 40444

**ADJOINING TAX PARCELS**

- |  |   |   |
|--|---|---|
| <p><b>B</b> JEROME ISSACS<br/>TAX PARCEL 51-05.01<br/>1548 HURT LANE<br/>LANCASTER, KY 40444</p> <p><b>C</b> RAYMOND &amp; SHARON ISSAC<br/>TAX PARCEL 51-08<br/>52 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> <p><b>D</b> JEROME ISSACS<br/>TAX PARCEL 51-05.01<br/>1548 HURT LANE<br/>LANCASTER, KY 40444</p> <p><b>E</b> DONALD &amp; ARLENE MERRITT<br/>TAX PARCEL 51-04<br/>133 ONE WAY<br/>LANCASTER, KY 40444</p> <p><b>F</b> DANNY &amp; PAM BAKER<br/>TAX PARCEL 51-041<br/>150 WALKER PIKE<br/>PAINT LICK, KY 40481</p> <p><b>G</b> RICHARD &amp; ANGIE BOWMAN<br/>TAX PARCEL 51-0412<br/>150 ONE WAY<br/>LANCASTER, KY 40444</p> | <p><b>F</b> CLARA &amp; GARRETT ALLEN<br/>C/O WANDA ALLEN<br/>TAX PARCEL 51-04<br/>815 RICHMOND LOOP ROAD 2<br/>LANCASTER, KY 40444</p> <p><b>G</b> J &amp; A INVESTMENTS LLC<br/>TAX PARCEL 51-83<br/>834 CREST DRIVE<br/>LANCASTER, KY 40444</p> <p><b>H</b> WANDA ALLEN, DAVID ALLEN<br/>TAX PARCEL 51-82<br/>815 RICHMOND ROAD LOOP 2<br/>LANCASTER, KY 40444</p> <p><b>I</b> WILLS &amp; ALICE PARKS<br/>TAX PARCEL 51-82<br/>479 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> <p><b>J</b> CHRISBY &amp; SHAWN GOOSLIN<br/>TAX PARCEL 51-81.001<br/>512 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> | <p><b>K</b> WAYNE &amp; TAMARA DAY<br/>TAX PARCEL 52-07<br/>28 PROFF ROAD<br/>PAINT LICK, KY 40481</p> <p><b>L</b> MICHAEL D. &amp; JULIE L. LAKE<br/>TAX PARCEL 52-15<br/>1176 RICHMOND ROAD LOOP 2<br/>LANCASTER, KY 40444</p> <p><b>M</b> GARY SHEL &amp; TERRY SHEL BROWN<br/>TAX PARCEL 43-81.01<br/>3011 FALL LICK ROAD<br/>LANCASTER, KY 40444</p> <p><b>N</b> EDNA MAE TALLEBEE<br/>TAX PARCEL 43-83<br/>110 BRISTOL PLACE<br/>WINCHESTER, KY 40391</p> |
|--|---|---|

**CERTIFICATION**

I HEREBY CERTIFY THAT THIS EXHIBIT PERTAINING TO THE ADJOINING PROPERTY OWNERS PER PVA RECORDS WAS PREPARED UNDER MY DIRECT SUPERVISION. NO BOUNDARY SURVEYING SERVICES HAVE BEEN REQUESTED OR PERFORMED IN THE PREPARATION OF THIS EXHIBIT.

*F.V. Neeley*      **AUGUST 19, 2023**  
FRANK V. NEELEY, PLS #30031      DATE

**GENERAL NOTES:**

1. THIS MAP IS FOR GENERAL INFORMATION PURPOSES ONLY, AND IS NOT A BOUNDARY SURVEY DOCUMENT.
2. PARCEL NUMBERS SHOWN THUS (00), ARE OF RECORD IN THE TAX ASSESSOR'S OFFICE OF GERRARD COUNTY, KENTUCKY.
3. ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE LOGAN COUNTY, KENTUCKY, PROPERTY VALUATION ADMINISTRATION OFFICE ON AUGUST 18, 2023. THE PROPERTY VALUATION ADMINISTRATION OFFICE MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING RECORD FILES.
4. PROPERTY OWNERS:  
DONNIE D. & POLLY L. PORTER  
130 NATURE DRIVE  
RUSSELLVILLE, KY 42276      PLOT DATE: SEPTEMBER 18, 2023



PROJECT NUMBER:  
**223.080.20**

SHEET NUMBER:  
**1 OF 1**

**500' RADIUS & ABUTTERS' MAP**  
**TAX PARCEL 051-81**  
PROPERTY VALUATION ADMINISTRATOR'S OFFICE  
LANCASTER, GARRARD COUNTY, KENTUCKY  
PREPARED FOR: VB 500 II LLC  
WANDA SPARKS ALLEN, PROPERTY OWNER

**SHARONDALE SURVEYING INC.**  
161 MARTIN ROAD  
BOW AQUA, TN 37025  
(615) 513-0032  
E-Mail: Sharndal@bellsouth.net



**EXHIBIT L**  
**COPY OF COUNTY JUDGE/EXECUTIVE NOTICE**



**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410

**VIA CERTIFIED MAIL**

Chris Elleman  
County Judge Executive  
15 Public Square, Suite 3  
Lancaster, KY 40444

RE: Notice of Proposal to Construct Wireless Communications Facility  
Kentucky Public Service Commission Docket No. 2023-00317  
Site Name: Hyattsville

Dear Judge/Executive:

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility and VB 500 II, LLC, a Delaware limited liability company have filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 265 Gooch Pike, Paint Lick, KY 40461 (37° 35' 17.63" North latitude, 84° 29' 39.61" West longitude). The proposed facility will include a 250-foot tall tower, with an approximately 20-foot tall lightning arrestor attached at the top, for a total height of 270-feet, plus related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

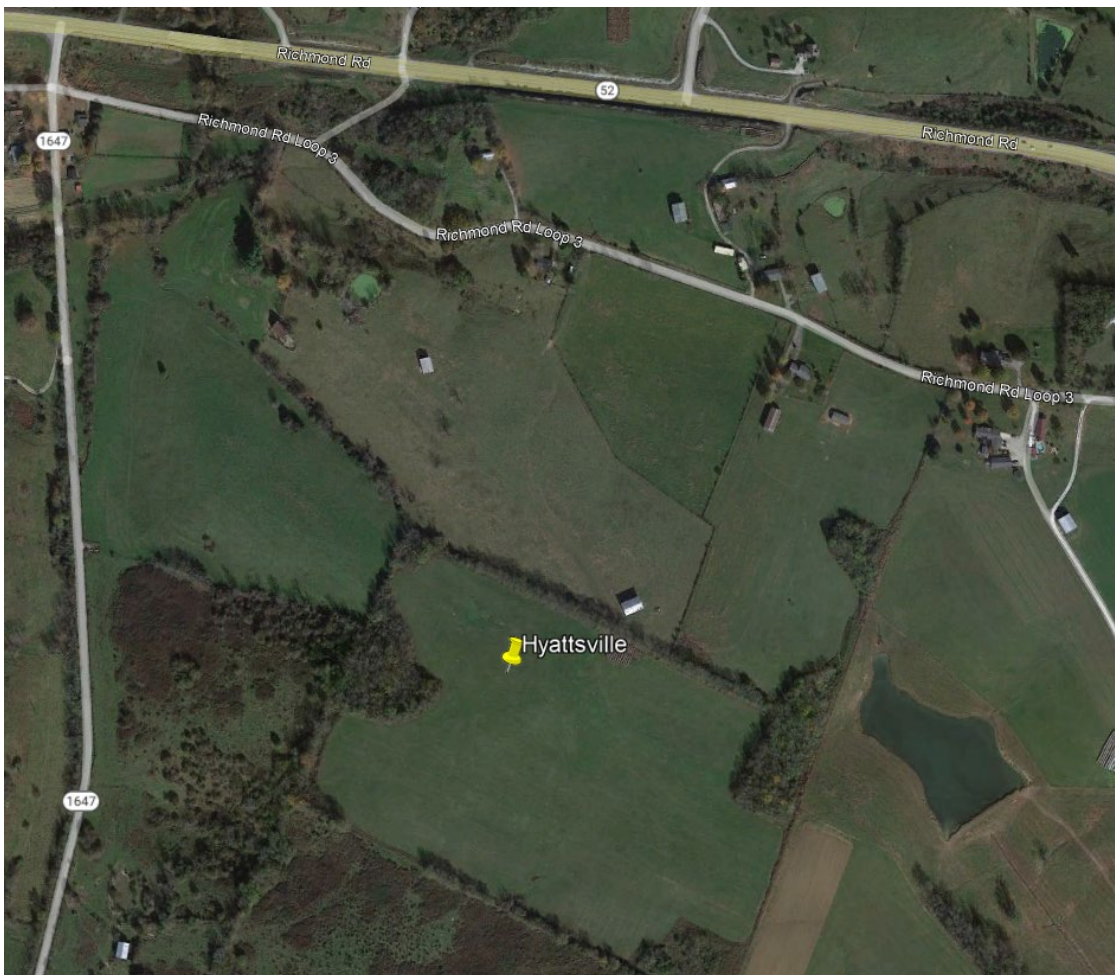
You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2023-00317 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. AT&T Mobility'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 with any comments or questions you may have.

Sincerely,  
David A. Pike  
Attorney for Applicants  
enclosures

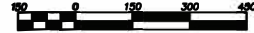
### Driving Directions to Proposed Tower Site

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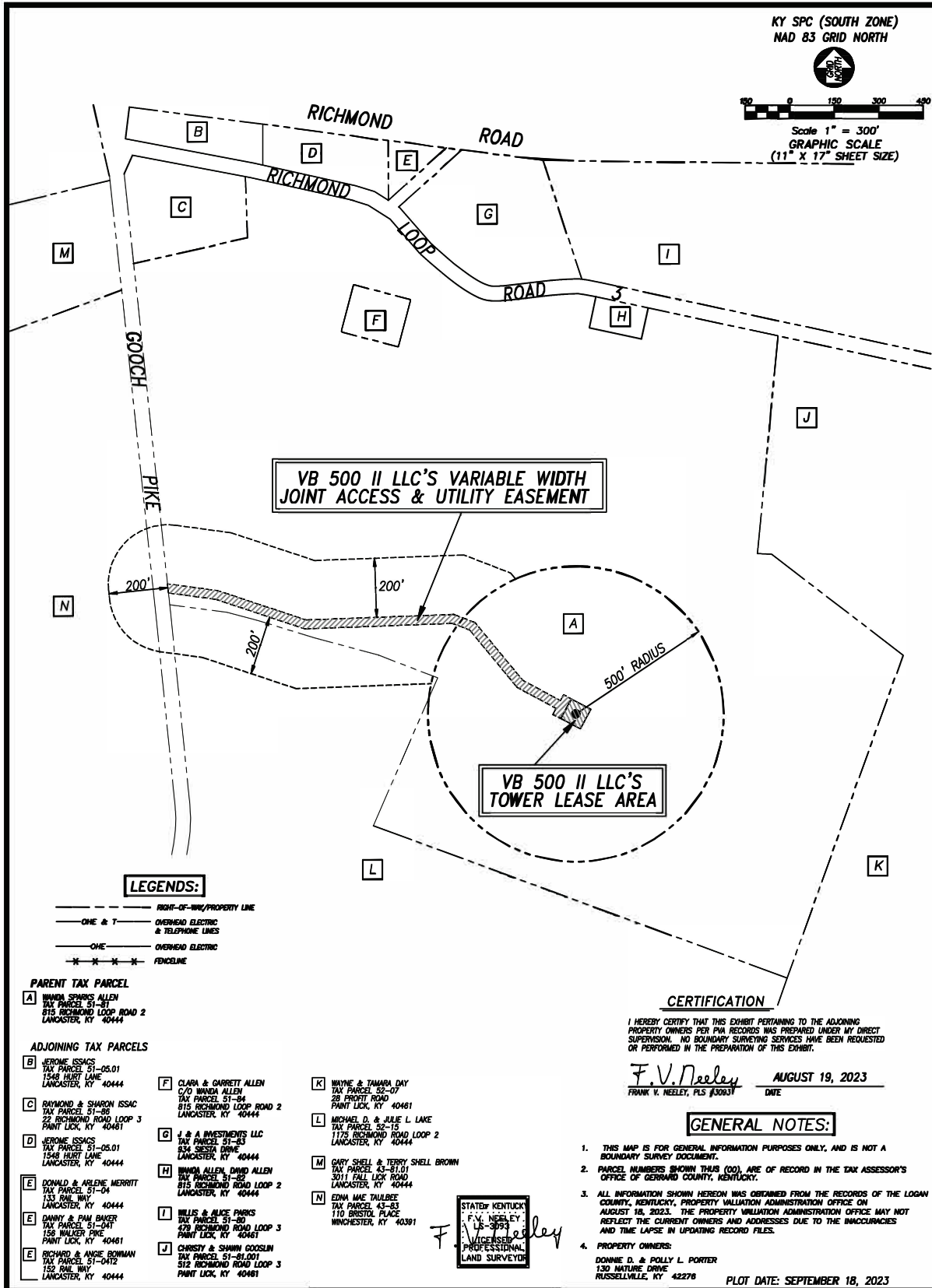


Prepared by:  
Aaron L. Roof  
Pike Legal Group  
1578 Highway 44 East, Suite 6  
P.O. Box 396  
Shepherdsville, KY 40165-3069  
Telephone: 502-955-4400 or 800-516-4293

KY SPC (SOUTH ZONE)  
NAD 83 GRID NORTH



Scale 1" = 300'  
GRAPHIC SCALE  
(11" X 17" SHEET SIZE)



**VB 500 II LLC'S VARIABLE WIDTH  
JOINT ACCESS & UTILITY EASEMENT**

**VB 500 II LLC'S  
TOWER LEASE AREA**

**LEGENDS:**

- RIGHT-OF-WAY/PROPERTY LINE
- O & T — OVERHEAD ELECTRIC & TELEPHONE LINES
- O — OVERHEAD ELECTRIC
- x-x-x-x- FENCELINE

**PARENT TAX PARCEL**

**A** WANDA SPARKS ALLEN  
TAX PARCEL 51-81  
815 RICHMOND LOOP ROAD 2  
LANCASTER, KY 40444

**ADJOINING TAX PARCELS**

- |   |   |   |
|---|---|---|
| <p><b>B</b> JEROME ISSACS<br/>TAX PARCEL 51-05.01<br/>1548 HURT LANE<br/>LANCASTER, KY 40444</p> <p><b>C</b> RAYMOND &amp; SHARON ISSAC<br/>TAX PARCEL 51-08<br/>52 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> <p><b>D</b> JEROME ISSACS<br/>TAX PARCEL 51-05.01<br/>1548 HURT LANE<br/>LANCASTER, KY 40444</p> <p><b>E</b> DONALD &amp; ARLENE MERRITT<br/>TAX PARCEL 51-04<br/>133 ONE HWY<br/>LANCASTER, KY 40444</p> <p><b>F</b> DANNY &amp; PAM BAKER<br/>TAX PARCEL 51-041<br/>150 WALKER PKE<br/>PAINT LICK, KY 40481</p> <p><b>G</b> RICHARD &amp; ANGIE BOWMAN<br/>TAX PARCEL 51-0412<br/>150 ONE HWY<br/>LANCASTER, KY 40444</p> | <p><b>F</b> CLARA &amp; GARRETT ALLEN<br/>C/O WANDA ALLEN<br/>TAX PARCEL 51-04<br/>815 RICHMOND LOOP ROAD 2<br/>LANCASTER, KY 40444</p> <p><b>G</b> J &amp; A INVESTMENTS LLC<br/>TAX PARCEL 51-83<br/>834 CRESTA DRIVE<br/>LANCASTER, KY 40444</p> <p><b>H</b> WANDA ALLEN, DAVID ALLEN<br/>TAX PARCEL 51-82<br/>815 RICHMOND ROAD LOOP 2<br/>LANCASTER, KY 40444</p> <p><b>I</b> WILLS &amp; ALICE PARKS<br/>TAX PARCEL 51-82<br/>479 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> <p><b>J</b> CHRISBY &amp; SHAWN COOLEN<br/>TAX PARCEL 51-81.001<br/>512 RICHMOND ROAD LOOP 3<br/>PAINT LICK, KY 40481</p> | <p><b>K</b> WAYNE &amp; TAMARA DAY<br/>TAX PARCEL 52-07<br/>28 PROFF ROAD<br/>PAINT LICK, KY 40481</p> <p><b>L</b> MICHAEL D. &amp; JULIE L. LAKE<br/>TAX PARCEL 52-15<br/>1176 RICHMOND ROAD LOOP 2<br/>LANCASTER, KY 40444</p> <p><b>M</b> GARY SHEL &amp; TERRY SHEL BROWN<br/>TAX PARCEL 43-81.01<br/>3011 FALL LICK ROAD<br/>LANCASTER, KY 40444</p> <p><b>N</b> EDNA MAE TALLEBEE<br/>TAX PARCEL 43-83<br/>110 BRISTOL PLACE<br/>WINCHESTER, KY 40391</p> |
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*F.V. Neeley*      **AUGUST 19, 2023**  
FRANK V. NEELEY, PLS #30031      DATE

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3. ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE LOGAN COUNTY, KENTUCKY, PROPERTY VALUATION ADMINISTRATION OFFICE ON AUGUST 18, 2023. THE PROPERTY VALUATION ADMINISTRATION OFFICE MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING RECORD FILES.
4. PROPERTY OWNERS:  
DORRINE D. & POLLY L. PORTER  
130 NATURE DRIVE  
RUSSELLVILLE, KY 42278      PLOT DATE: SEPTEMBER 18, 2023



PROJECT NUMBER:  
**223.080.20**

SHEET NUMBER:  
**1 OF 1**

**500' RADIUS & ABUTTERS' MAP**  
**TAX PARCEL 051-81**  
PROPERTY VALUATION ADMINISTRATOR'S OFFICE  
LANCASTER, GARRARD COUNTY, KENTUCKY  
PREPARED FOR: VB 500 II LLC  
WANDA SPARKS ALLEN, PROPERTY OWNER

**SHARONDALE SURVEYING INC.**  
161 MARTIN ROAD  
BOW AQUA, TN 37025  
(615) 513-0032  
E-Mail: Sharndal@bellsouth.net



**EXHIBIT M  
COPY OF POSTED NOTICES  
AND NEWSPAPER NOTICE ADVERTISEMENT**



**SITE NAME: HYATTSVILLE**  
**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.

New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility and VB 500 II, LLC propose to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2023-00317 in your correspondence.

New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility and VB 500 II, LLC propose to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2023-00317 in your correspondence.



**PIKE LEGAL GROUP PLLC**  
1578 Highway 44 East, Unit 6  
PO Box 369  
Shepherdsville, KY 40165-0369  
Phone: 502-955-4400  
Fax: 502-543-4410

**VIA EMAIL: [news@garrardcentralrecord.com](mailto:news@garrardcentralrecord.com)**  
**VIA FAX: (859) 792-3448**

Garrard Central Record  
106 Richmond Street  
P.O. Box 800  
Lancaster, Kentucky 40444-0800

RE: Legal Notice Advertisement  
Site Name: Hyattsville

Dear Garrard Central Record:

Please publish the following legal notice advertisement in the next edition of the *Garrard Central Record*:

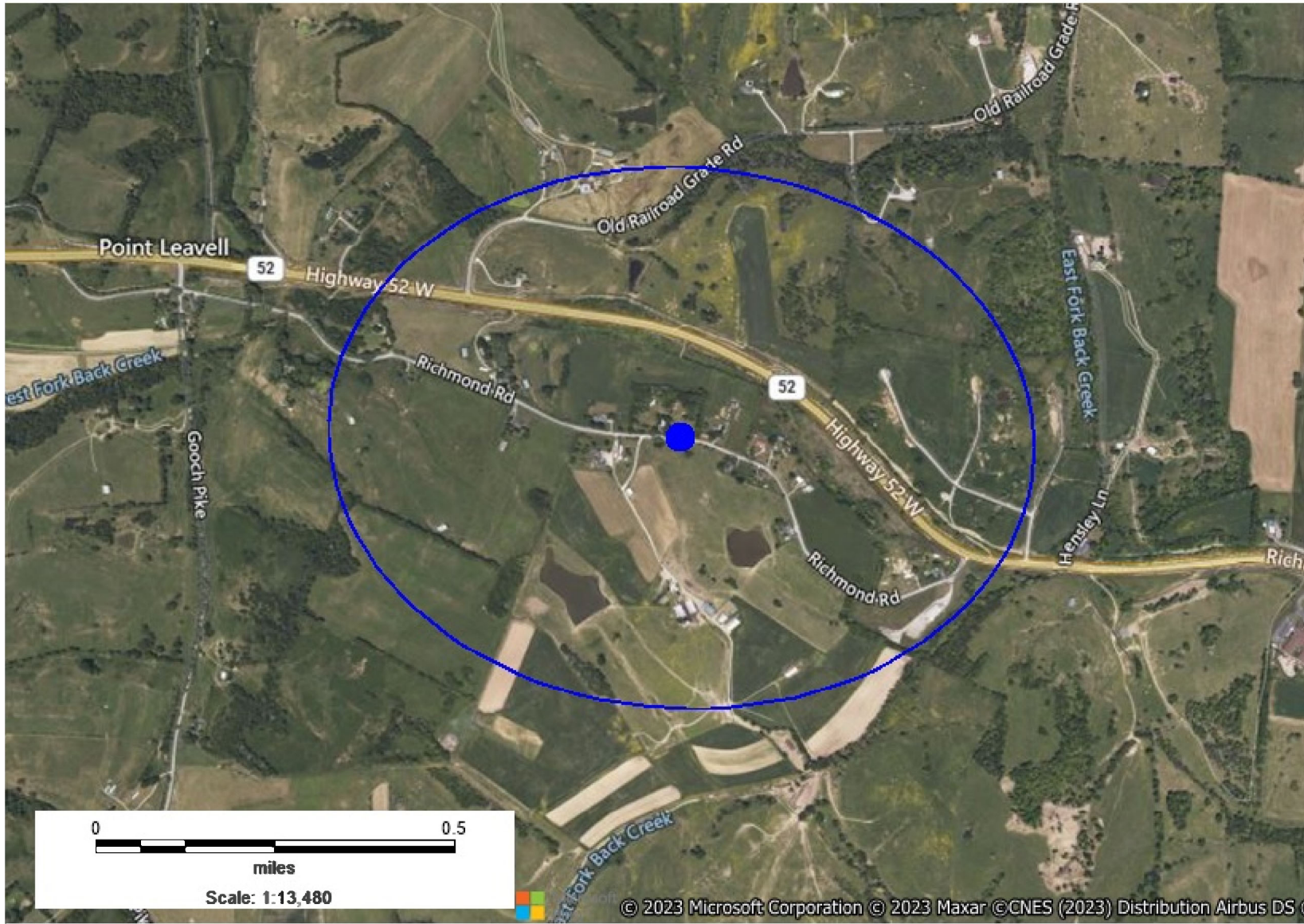
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After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Pike Legal Group, PLLC, P. O. Box 369, Shepherdsville, KY 40165. Please call me at (800) 516-4293 if you have any questions. Thank you for your assistance.

Sincerely,  
Aaron L. Roof  
Pike Legal Group, PLLC

**EXHIBIT N**  
**COPY OF RADIO FREQUENCY DESIGN SEARCH AREA**



**Lat: 37.591275**  
**Long: -84.486119**  
**Radius: .5 miles**

**Hyattsville Search Area**