

5. Pursuant to 807 KAR 5:063 §1(1)(f), a copy of the lease for the property on which the tower is proposed to be located, is Exhibit "D".

6. Pursuant to 807 KAR §1(1)(g), experienced personnel will manage and operate the Willow Shade cell site. The President of Bluegrass Cellular Inc., Mr. Ron Smith, is ultimately responsible for all construction and operations of the cellular system of Cumberland Cellular, of which system the Willow Shade cell site will be a part. Bluegrass Cellular Inc. provides management services to Cumberland Cellular under a management contract, just as it does with three (3) other wireless carriers in the Commonwealth. And, Bluegrass Cellular Inc. has been providing these management services to these other wireless carriers for well over a decade. This extensive management experience with Bluegrass Cellular demonstrates that Bluegrass Cellular Inc.'s management and technical ability to supervise the operations of a wireless carrier.

7. Pursuant to 807 KAR §1(1)(g), Eastpointe Engineering Group, LLC is responsible for the design specifications of the proposed tower (identified in Exhibit "B").

8. Pursuant to 807 KAR 5:063 §1(1)(h), a site development plan or survey, signed and sealed by a professional engineer registered in Kentucky, that shows the proposed location of the tower and all easements and existing structures within 500 feet of the proposed site on the property on which the tower will be located, and all easements and existing structures within 200 feet of the access drive, including the intersection with the public street system, is Exhibit "B".

9. Pursuant to 807 KAR 5:063 §1(1)(i), a vertical profile sketch of the tower, signed and sealed by a professional engineer registered in Kentucky, indicating the height of the tower and the placement of all antennas is Exhibit "B".

10. Pursuant to 807 KAR 5:063 §1(1)(j), the tower and foundation design plans and a description of the standard according to which the tower was designed, signed and sealed by a professional engineer registered in Kentucky, is Exhibit "B".

11. Pursuant to 807 KAR 5:063 § 1 (1)(k), a map, drawn to a scale no less than one (1) inch equals 200 feet, that identifies every structure and every owner of real estate within 500 feet of the proposed tower, is Exhibit "E".

12. Pursuant to 807 KAR 5:063 § 1 (1)(l), applicant's legal counsel hereby affirms that every person who owns property within 500 feet of the proposed tower has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of his or her right to request intervention.

13. Pursuant to KRS 278.665(2), applicant's legal counsel hereby affirms that every person who, according to the records of the property valuation administrator, owns property contiguous to the property where the proposed cellular antenna tower will be located has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of his or her right to request intervention.

14. Pursuant to 807 KAR 5:063 §1(1)(m), a list of the property owners who received the notice together with copies of the certified letters sent to listed property owners, is Exhibit "F".

15. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant's legal counsel hereby affirms that the Office of the Metcalfe County Judge Executive has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of its right to request intervention.

16. Pursuant to 807 KAR 5:063 §1(1)(o), a copy of the notice sent to the Metcalfe County Judge Executive is Exhibit "G".

17. Pursuant to 807 KAR 5:063 § 1 (1)(p), applicant's legal counsel hereby affirms that (i) two written notices meeting subsection two (2) of this section have been posted, one in a visible location on the proposed site and one on the nearest public road; and (ii) the notices shall remain posted for at least two weeks after the application has been filed.

18. Pursuant to 807 KAR 5:063 § 1 (2)(a), applicant's legal counsel affirms that:

(a) A written notice, of durable material at least two (2) feet by four (4) feet in size, stating that "***Cumberland Cellular Partnership proposes to construct a telecommunications tower on this site,***" including the addresses and telephone numbers of the applicant and the Kentucky Public Service Commission, has been posted and shall remain in a visible location on the proposed site until final disposition of the application; and

(b) A written notice, of durable material at least two (2) feet by four (4) feet in size, stating that "***Cumberland Cellular Partnership proposes to construct a telecommunications tower near this site,***" including the addresses and telephone numbers of the applicant and the Kentucky Public Service Commission, has been posted on the public road nearest the site.

A copy of each sign is attached as Exhibit "H".

19. Pursuant to 807 KAR 5:063 § 1 (1)(q), a statement that notice of the location of the proposed construction has been published in a newspaper of general circulation in the county in which the construction is proposed is Exhibit "I".

20. Pursuant to 807 KAR 5:063 § 1(1)(r), the cell site, which has been selected, is in a relatively undeveloped area in Tompkinsville, Kentucky.

21. Pursuant to 807 KAR 5:063 §1(1)(s), Cumberland Cellular has considered the likely effects of the installation on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate service to the area can be provided, and that there is no reasonably available opportunity to co-locate. Cumberland Cellular has attempted to co-locate on towers designed to host multiple wireless service providers' facilities or existing structures, such as a telecommunications tower, or another suitable structure capable of supporting the utility's facilities.

22. Pursuant to 807 KAR 5:063 § 1(1)(t), a map of the area in which the tower is proposed to be located, that is drawn to scale and that clearly depicts the search area in which a site should, pursuant to radio frequency requirements, be located is Exhibit "J".

23. Pursuant to KRS 100.987(2)(a), a grid map, that is drawn to scale, that shows the location of all existing cellular antenna towers and that indicates the general position of proposed construction sites for new cellular antenna towers is Exhibit "K".

24. No reasonably available telecommunications tower, or other suitable structure capable of supporting the cellular facilities of Cumberland Cellular and which would provide adequate service to the area exists.

25. Correspondence and communication with regard to this application should be addressed to:

John E. Selent
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207
john.selent@dinslaw.com
holly.wallace@dinslaw.com

WHEREFORE, Cumberland Cellular Partnership requests the Commission to enter an order:

1. Granting a certificate of public convenience and necessity to construct the Willow Shade cell site; and
2. Granting all other relief as appropriate.

Respectfully submitted,



John E. Selent
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 540-2207
john.selent@dinslaw.com
holly.wallace@dinslaw.com

LUKAS, NACE, GUTIERREZ & SACHS

CHARTERED

1650 TYSONS BOULEVARD, SUITE 1500
MCLEAN, VIRGINIA 22102
703 584 8678 • 703 584 8696 FAX

WWW.FCCLAW.COM

RUSSELL D. LUKAS
DAVID L. NACE
THOMAS GUTIERREZ*
ELIZABETH R. SACHS*
GEORGE L. LYON, JR.
PAMELA L. GIST
DAVID A. LAFURIA
TODD SLAMOWITZ*
B. LYNN F. RATNAVALE*
STEVEN M. CHERNOFF*
KATHERINE PATSAS*

CONSULTING ENGINEERS
ALI KUZEHKANANI
LEILA REZANAVAZ
—
OF COUNSEL
LEONARD S. KOLSKY*
JOHN CIMKO*
J. K. HAGE III*
JOHN J. MCAVOY*
HON. GERALD S. MCGOWAN*
TAMARA DAVIS-BROWN*

*NOT ADMITTED IN VA

October 23, 2007

Telephone

(703) 584-8668

Via Federal Express

Mr. John Houlihan
Kentucky Airport Zoning Commission
200 Mero Street
Frankfort, Kentucky 40622

Dear Mr. Houlihan:

Enclosed please find two completed TC 56-50 forms, Application for Permit to Construct or Alter a Structure, for a new tower (Willow Shade) near Tompkinsville, Kentucky. The Structure, including top-mounted antennas will have an overall height of 255 feet Above Ground Level.

Enclosed Form TC 56-50 and the attached exhibit include all the pertinent information for this existing tower structure. Also enclosed are copies of the completed FAA Form 7460-1 for the proposed site, a non-reduced 7-1/2' U.S. Geological Survey map indicating the exact location of the site, and a 2-C survey.

Please do not hesitate to contact the undersigned if there are questions regarding this matter.

Sincerely,

Leila Rezanavaz

Leila Rezanavaz

Consulting Engineer

Enclosures

CC: Doug Updegraff

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

1. APPLICANT - Name, Address, Telephone, Fax, etc.

Scott McCloud
Bluegrass Cellular
2902 Ring Road
Elizabethtown, KY 42702
Tel: 270-769-0339
Fax: 270-737-0580

2. Representative of Applicant - Name, Address, Telephone, Fax

Leila Rezanavaz
Lukas, Nace, Gutierrez & Sachs, Chartered
1650 Tysons Blvd., Suite 1500
McLean, VA 22102
T: 703-584-8668

3. Application for: New Construction Alteration Existing

4. Duration: Permanent Temporary (Months _____ Days _____)

5. Work Schedule: Start 12/15/07 End 12/20/07

6. Type: Antenna Tower Crane Building Power Line
 Landfill Water Tank Other _____

7. Marking/Painting and/or Lighting Preferred:
 Red Lights and Paint Dual - Red & Medium Intensity White
 White - Medium Intensity Dual - Red & High Intensity White
 White - High Intensity Other _____

8. FAA Aeronautical Study Number 2007-ASO-5987-OE

9. Latitude: 36 ° 50 ' 21 " 18 "

10. Longitude: 85 ° 36 ' 18 " 25 "

11. Datum: NAD 83 NAD 27 Other _____

12. Nearest Kentucky City Tompkinsville County Metcalf

13. Nearest Kentucky public use or Military airport:
TZV- Tompkinsville- Monroe County Airport

14. Distance from #13 to Structure: 8.0 miles

15. Direction from #13 to Structure: NNE

16. Site Elevation (AMSL): 880 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 1135 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):
N/A

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Site is located at:
680 N.C. Hurt Rd
Tompkinsville, KY 42167

21. Description of Proposal:

Structure: Tower with top-mounted antennas for overall height of 255'

ERP: 250 watts

Frequency: Cellular Band B

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? No Yes, When 10/23/07

CERTIFICATION: I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Leila Rezanavaz / Consulting Engineer Leila Rezanavaz 10/23/07
Printed Name Signature Date

PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

Commission Action: Chairman, KAZC Administrator, KAZC

Approved Disapproved _____ Date _____

2C Certification

October 17, 2007

Designation: Willow Shade
Site ID No.: Not Available
Tower Type: Proposed Self-Support Tower
Location: 680 N.C. Hurt Road, Tompkinsville, KY 42167

I certify that the latitude, longitude, ground elevation and height of the proposed self-support tower are as follows:

Latitude:	36 degrees 50 minutes 21.18 seconds North	(NAD 1983)
Longitude:	85 degrees 36 minutes 18.25 seconds West	(NAD 1983)
Ground Elevation:	879.8 feet or 268.16 meters	(NAVD 1988)
Proposed Structure Height:	240 feet or 73.2 meters	(above ground level)
Proposed Overall Structure Height:	not available	(above ground level)

The accuracy of the latitude and longitude of the proposed self-support tower is ± 50 feet or ± 15 meters. The ground elevation and structure height are accurate to within ± 20 feet or ± 6 meters.

The information shown above is based upon field observations made on October 3, 2007 using the National Geodetic Survey monument "Y 245" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). The field observations were completed using Sokkia GPS receivers and a Topcon GPT-8005A robotic total station. Geodetic computations were completed using Sokkia's Locus software and Autodesk Land Desktop 2007 software.

Landmark Surveying Co., Inc.

Darren L. Helms, Kentucky Professional Land Surveyor No. 3386

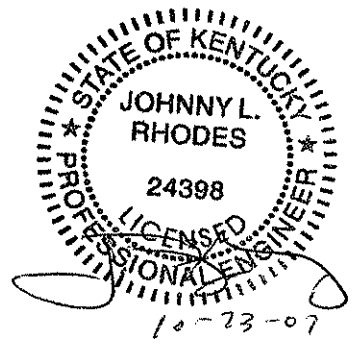
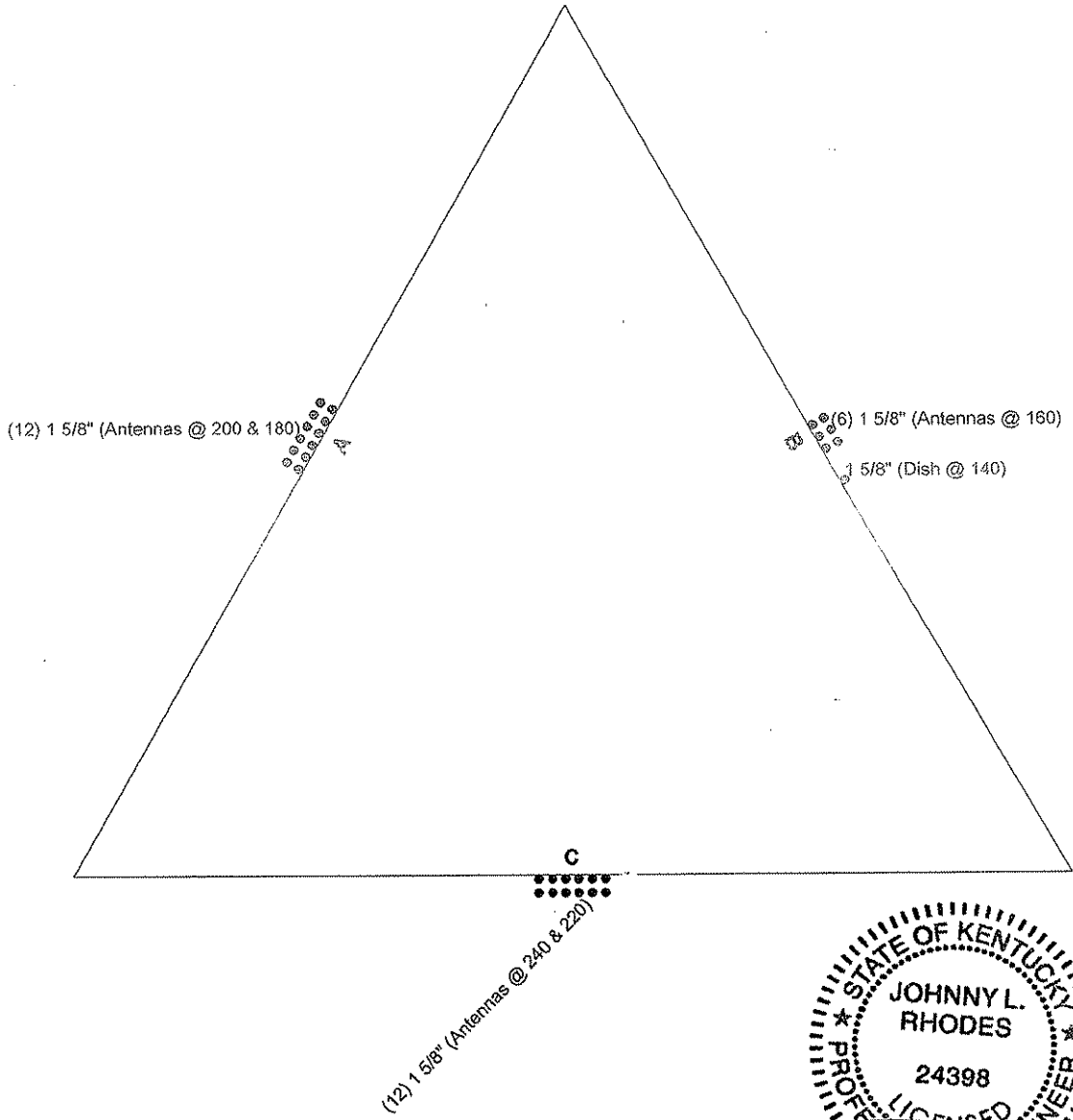
Notice of Proposed Construction or Alteration (7460-1)

Project Name: BLUEG-000080303-07 **Sponsor:** Bluegrass Cellular, Inc.

Details for Case : Willow Shade

Show Project Summary

Case Status		Date Accepted: 10/23/2007	
ASN: 2007-ASO-5987-OE		Date Determined:	
Status: Accepted		Letters: None	
Construction / Alteration Information		Structure Summary	
Notice Of: Construction		Structure Type: Antenna Tower	
Duration: Permanent		Structure Name: Willow Shade	
If Temporary: Months: Days:		FCC Number:	
Work Schedule - Start: 12/15/2007		Prior ASN:	
Work Schedule - End: 12/20/2007			
State Filing:			
Structure Details		Common Frequency Bands	
Latitude: 36° 50' 21.18" N		Low Freq	High Freq
Longitude: 85° 36' 18.25" W		824	849
Horizontal Datum: NAD83		851	866
Site Elevation (SE): 880 (nearest foot)		869	894
Structure Height (AGL): 255 (nearest foot)		Freq Unit	ERP
Marking/Lighting: Dual-red and medium intensity		MHz	500
Other:		MHz	500
Nearest City: Tompkinsville		MHz	500
Nearest State: Kentucky			
Traverseway: No Traverseway		Specific Frequencies	
Description of Location: 680 N.C. Hurt Road Tompkinsville, KY 42167			
Description of Proposal: Tower with top-mounted antennas for overall height of 255'.			



Eastpointe Engineering Group, LLC 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2169 FAX: 918.682.7618	Job: EII Job #2695--Willow Shade		
	Project: 240' SST/Metcalf County, KY		
	Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.	App'd:
	Code: TIA-222-G	Date: 10/23/07	Scale: NTS
	Path:		Dwg No. E-7

GEOTECHNICAL ENGINEERING REPORT
WILLOW SHADE TELECOMMUNICATION TOWER
9517 SUMMER SHADE ROAD
WILLOW SHADE, KENTUCKY

TERRACON PROJECT NO. 57077370
October 19, 2007

Prepared For:

BLUEGRASS CELLULAR PARTNERSHIP
Elizabethtown, Kentucky

Prepared by:

Terracon
Louisville, Kentucky

Terracon

TABLE OF CONTENTS

Cover Letter	i
1.0 INTRODUCTION.....	1
2.0 PROJECT DESCRIPTION.....	1
3.0 EXPLORATION PROCEDURES	1
3.1 Field Exploration	1
3.2 Laboratory Testing.....	3
4.0 EXPLORATORY FINDINGS.....	3
4.1 Subsurface Conditions.....	3
4.2 Site Geology	4
4.3 Groundwater Conditions	4
5.0 ENGINEERING RECOMMENDATIONS	4
5.1 Tower Foundation.....	5
5.2 Equipment Building Foundations	6
5.3 Parking and Drive Areas.....	7
5.4 Site Preparation.....	7
5.5 Resistivity Analysis	8
6.0 GENERAL COMMENTS.....	8
APPENDIX	
Boring Location Plan	
Boring Log	
Soil Resistivity Test Results Sheet	
General Notes	
General Notes – Description of Rock Properties	
Unified Soil Classification System	

GEOTECHNICAL ENGINEERING REPORT

WILLOW SHADE TELECOMMUNICATION TOWER
5917 SUMMER SHADE ROAD
WILLOW SHADE, KENTUCKY
TERRACON PROJECT NO. 57077370
October 19, 2007

1.0 INTRODUCTION

The purpose of this report is to describe the subsurface conditions encountered in the boring, analyze and evaluate the test data, and provide recommendations regarding the design and construction of foundations and earthwork for the proposed tower. One boring extending to a depth of about 19 feet below the existing ground surface was drilled at the site. An individual boring log and a boring location plan are included with this report.

2.0 PROJECT DESCRIPTION

Terracon understands the proposed project will consist of the construction of a 240-foot self supporting lattice tower. Exact tower loads are not available, but based on our past experience are anticipated to be as follows:

Vertical Load:	600 kips
Horizontal Shear:	80 kips
Uplift:	500 kips

A small, lightly loaded equipment building will also be constructed. Wall and floor loads for this building are not anticipated to exceed 1 kip per linear foot and 100 pounds per square foot, respectively. The subject site consists of an approximate 100- by 100-foot parcel of land located at 9517 Summer Shade Road in Willow Shade, Kentucky. The site is located in a grass covered field with approximately 4 feet of elevational relief. Based on the provided drawings and site information, the approximate elevation at the center of tower is EL 880. We have assumed cuts and/or fills up to about 2 feet will be required to reach the planned site grades.

3.0 EXPLORATION PROCEDURES

3.1 Field Exploration

The subsurface exploration consisted of drilling and sampling one boring at the site to a depth of about 19 feet below existing grade. The boring was advanced at the center of the tower, staked by the project surveyor. The ground surface elevation at the boring location was obtained from drawings and information provided by the client. The location and elevation of the boring should be considered accurate only to the degree implied by the means and methods used to define them.

The boring was drilled with a truck-mounted rotary drill rig using hollow stem augers to advance the borehole. Representative soil samples were obtained by the split-barrel sampling procedure in general accordance with the appropriate standard. In the split-barrel sampling procedure, the number of blows required to advance a standard 2-inch O.D. split-barrel sampler the last 12 inches of the typical total 18-inch penetration by means of a 140-pound hammer with a free fall of 30 inches, is the standard penetration resistance (SPT) value (N-Value). This value is used to estimate the in-situ relative density of cohesionless soils and the consistency of cohesive soils. The sampling depths, penetration distance, and SPT N-Values are shown on the boring log. The samples were sealed and delivered to the laboratory for testing and classification.

Auger refusal was encountered at a depth of about 9 feet below the existing ground surface. The boring was extended into the refusal materials using a diamond bit attached to the outer barrel of a double core barrel. The inner barrel collected the cored material as the outer barrel was rotated at high speeds to cut the rock. The barrel was retrieved to the surface upon completion of each drill run. Once the core samples were retrieved, they were placed in a box and logged. The rock was later classified by an engineer and the "percent recovery" and rock quality designation (RQD) were determined.

The "percent recovery" is the ratio of the sample length retrieved to the drilled length, expressed as a percent. An indication of the actual in-situ rock quality is provided by calculating the sample's RQD. The RQD is the percentage of the length of broken cores retrieved which have core segments at least 4 inches in length compared to each drilled length. The RQD is related to rock soundness and quality as illustrated below:

Table 1 – Rock Quality Designation (RQD)

Relation of RQD and In-situ Rock Quality	
RQD (%)	Rock Quality
90 - 100	Excellent
75 - 90	Good
50 - 75	Fair
25 - 50	Poor
0 -25	Very Poor

A field log of the boring was prepared by a subcontract driller. This log included visual classifications of the materials encountered during drilling as well as the driller's interpretation of the subsurface conditions between samples. The final boring log included with this report represents an interpretation of the driller's field log and a visual classification of the soil samples made by the Geotechnical Engineer.

3.2 Laboratory Testing

The samples were classified in the laboratory based on visual observation, texture and plasticity. The descriptions of the soils indicated on the boring log are in accordance with the enclosed General Notes and the Unified Soil Classification System. Estimated group symbols according to the Unified Soil Classification System are given on the boring log. A brief description of this classification system is attached to this report.

The laboratory testing program consisted of performing water content tests and an Atterberg Limits test on representative soil samples. Information from these tests was used in conjunction with field penetration test data to evaluate soil strength in-situ, volume change potential, and soil classification. Results of these tests are provided on the boring log.

Classification and descriptions of rock core samples are in accordance with the enclosed General Notes, and are based on visual and tactile observations. Petrographic analysis of thin sections may indicate other rock types. Percent recovery and rock quality designation (RQD) were calculated for these samples and are noted at their depths of occurrence on the boring log.

4.0 EXPLORATORY FINDINGS

4.1 Subsurface Conditions

Conditions encountered at the boring location are indicated on the boring log. Stratification boundaries on the boring log represent the approximate location of changes in soil types and the transition between materials may be gradual. Water levels shown on the boring log represent the conditions only at the time of our exploration. Based on the results of the boring, subsurface conditions on the project site can be generalized as follows.

Our boring encountered about 4 inches of topsoil. Underlying the topsoil our boring encountered lean clay (CL) to a depth of about 3½ feet below existing grade. The lean clay exhibited a stiff consistency based on an SPT N-value of 13 blows per foot. Below the lean clay our boring encountered fat clay (CH) to the auger refusal depth of about 9 feet below existing grade. The fat clay exhibited a stiff consistency based on SPT N-values ranging from 13 to 15 bpf.

Below a depth of about 9 feet, rock coring techniques were used to advance the borehole. The recovered rock core samples consisted of moderately to slightly weathered, hard, closely jointed, medium gray to brownish gray limestone with interbedded shale. The bedrock at the site appears to be relatively continuous based on a core recovery of 92 percent. The quality of the rock is rated at fair based on a RQD value of 60 percent.

Considering the height of the tower and the quality of the bedrock, coring operations were terminated at a depth of 19 feet below grade.

4.2 Site Geology

A review of the Geologic Map of Dubre Quadrangle published by the United States Geological Survey (USGS) indicates that the site is underlain by the Fort Payne Formation of the Carboniferous age. The Fort Payne Formation is comprised of limestone, shale and siltstone. The formation ranges between 240 and 280 feet thick.

4.3 Groundwater Conditions

No groundwater was encountered during the auger drilling portion of the borehole. Water was used to advance the borehole during rock coring operations. The introduction of water into the borehole precluded obtaining accurate groundwater level readings at the time of drilling operations. Long term observation of the groundwater level in monitoring wells, sealed from the influence of surface water, would be required to obtain accurate groundwater levels on the site.

Fluctuations of the groundwater level can occur due to seasonal variations in the amount of rainfall, runoff, and other factors not evident at the time the boring was performed. Perched water could develop at higher levels within more permeable layers following periods of heavy or prolonged precipitation. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

5.0 ENGINEERING RECOMMENDATIONS

Based on the encountered subsurface conditions, the tower can be constructed on drilled piers or a mat foundation. The lightly loaded equipment building can be supported on shallow spread footings. Drilled pier and shallow foundation recommendations are presented in the following paragraphs.

5.1 Tower Foundation

Drilled Pier Alternative: Based on the results of the boring, the following tower foundation design parameters have been developed:

Table 2 - Drilled Pier Foundation Design Parameters

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion (psf)	Lateral Subgrade Modulus (pci)	Strain, &sub50 (in/in)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 9	Lean to Fat Clay	400	Ignore	1,250	0	1,250	100	0.008
9 - 19	Limestone	5,000***	40,000	10,000***	0	100,000	3,000	0.00001

* Pier inspection is recommended to adjust pier length if variable soil/rock conditions are encountered.

** A total unit weight of 120 and 150 pcf can be estimated for the clays and limestone, respectively.

*** The pier should be embedded a minimum of 3 feet into limestone to mobilize these higher rock strength parameters. Furthermore, it is assumed the rock socket will be extended using coring techniques rather than blasting/shooting.

The above indicated cohesion, friction angle, lateral subgrade modulus and strain values have no factors of safety, and the allowable skin friction and the passive resistances have factors of safety of 2. The cohesion, internal friction angle, lateral subgrade modulus and strain values given in the above table are based on the boring, published correlation values and Terracon's past experience with similar soil/rock types. These values should, therefore, be considered approximate. To mobilize the higher rock strength parameters, the pier should be socketed at least 3 feet into bedrock. Furthermore, it is assumed that the rock socket is developed using coring rather than blasting techniques. The allowable end bearing pressure provided in the table has an approximate factor of safety of at least 3. Total settlement of drilled piers designed to bear on or within bedrock using the above parameters is not anticipated to exceed 1/2 inch.

The upper 3 feet of topsoil and lean clay should be ignored due to the potential affects of frost action and construction disturbance. To avoid a reduction in uplift and lateral resistance caused by variable bedrock depths and bedrock quality, it is recommended that a minimum pier length and minimum rock socket length be stated on the design drawings. Bedrock was encountered in our boring below a depth of about 9 feet, but could vary between tower legs, or if the tower is moved from the location of our boring. Considering the site geology, variable rock depths should be anticipated if the tower location is moved from the location of the boring. If the tower center is moved from the planned location, Terracon should be notified to review the recommendations and determine whether an additional boring is required. To facilitate pier length adjustments that may be necessary because of variable rock conditions, it is recommended that a Terracon representative observe the drilled pier excavation.

A drilled pier foundation should be designed with a minimum shaft diameter of 30 inches to facilitate clean out and possible dewatering of the pier excavation. Temporary casing may be required during the pier excavation in order to control possible groundwater seepage and support the sides of the excavation in weak soil zones. Care should be taken so that the sides and bottom of the excavations are not disturbed during construction. The bottom of the shaft should be free of loose soil or debris prior to reinforcing steel and concrete placement.

A concrete slump of at least 6 inches is recommended to facilitate temporary casing removal. It should be possible to remove the casing from a pier excavation during concrete placement provided that the concrete inside the casing is maintained at a sufficient level to resist any earth and hydrostatic pressures outside the casing during the entire casing removal procedure.

Mat Foundation Alternative: The mat foundation can be designed using the following natural soil/engineered fill parameters. These parameters are based on the findings of the boring, a review of published correlation values and Terracon's experience with similar soil conditions. These design parameters also assume that the base of the mat foundation will rest on natural soils or well-graded crushed stone that is compacted and tested on a full time basis.

Table 3 - Mat Foundation Design Parameters

Depth (feet)	Description	Allowable Contact Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Coefficient of Friction, $\tan \delta$	Vertical Modulus of Subgrade Reaction (pci)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	-	
≥ 3	Lean Clay or Crushed Stone Fill	2,500	Ignore	0.35	125

To assure that soft soils are not left under the mat foundation, it is recommended that a geotechnical engineer observe the foundation subgrade prior to concrete placement. Provided the above recommendations are followed, total mat foundation settlements are not anticipated to exceed about 1 inch. Differential settlement should not exceed 50 percent of the total settlement.

5.2 Equipment Building Foundations

The proposed equipment shed may be supported on shallow footings bearing on stiff natural soils. The equipment building foundations should be dimensioned using a net allowable soil bearing pressure of 2,500 pounds per square foot (psf). In using net allowable soil pressures for footing dimensioning, the weight of the footings and backfill over the footings need not be considered. Furthermore, the footings should be at least 12 inches wide and a minimum of 2 feet square.

The geotechnical engineer or a qualified representative should observe the foundation excavations to verify that the bearing materials are suitable for support of the proposed loads. If, at the time of such observation, any soft soils are encountered at the design foundation elevation, the excavations should be extended downward so that the footings rest on stiff soils. If it is inconvenient to lower the footings, the proposed footing elevations may be re-established by backfilling after the undesirable material has been removed.

The recommended soil bearing value should be considered an upper limit, and any value less than that listed above would be acceptable for the foundation system. Using the value given, total settlement would be about 1 inch or less with differential settlements being less than 75 percent of total settlement. Footings should be placed at a depth of 2 feet, or greater, below finished exterior grade for protection against frost damage.

5.3 Parking and Drive Areas

The drive that accesses the site will be surfaced with crushed stone. Parking and drive areas that are surfaced with crushed stone should have a minimum thickness of 6 inches and be properly placed and compacted as outlined herein. The crushed stone should meet Kentucky Transportation Cabinet specifications and applicable local codes.

A paved section consisting only of crushed graded aggregate base course should be considered a high maintenance section. Regular care and maintenance is considered essential to the longevity and use of the section. Site grades should be maintained in such a manner as to allow for adequate surface runoff. Any potholes, depressions or excessive rutting that may develop should be repaired as soon as possible to reduce the possibility of degrading the soil subgrade.

5.4 Site Preparation

Site preparation should begin with the removal of any topsoil, loose, soft or otherwise unsuitable materials from the construction area. The geotechnical engineer should evaluate the actual stripping depth, along with any soft soils that require undercutting at the time of construction.

Any fill and backfill placed on the site should consist of approved materials that are free of organic matter and debris. Suitable fill materials should consist of well graded crushed stone below the tower foundation and well graded crushed stone or low plasticity cohesive soil elsewhere. Low-plasticity cohesive soil should have a liquid limit of less than 45 percent and a plasticity index of less than 25 percent. The on site lean clay soils are considered suitable for re-use as fill. However, the on site fat clay soils are considered unsuitable for re-use as fill due to their high plasticity. It is recommended that during construction these soils should be further tested and evaluated prior to use as fill. Fill should not contain frozen material and it should not be placed on a frozen subgrade.

The fill should be placed and compacted in lifts of 9 inches or less in loose thickness. Fill placed below structures or used to provide lateral resistance should be compacted to at least 98 percent of the material's maximum standard Proctor dry density (ASTM D-698). Fill should be placed, compacted, and maintained at moisture contents within minus 1 to plus 3 percent of the optimum value determined by the standard Proctor test.

The geotechnical engineer should be retained to monitor fill placement on the project and to perform field density tests as each lift of fill is placed in order to evaluate compliance with the design requirements. Standard Proctor and Atterberg limits tests should be performed on the representative samples of fill materials before their use on the site.

5.5 Resistivity Analysis

Resistivity of the subsurface soils was measured at the site using a Nilsson Model 400 soil resistivity meter. The Wenner Vertical Profiling Method was used. With this array, potential electrodes are centered on a traverse line between the current electrodes and an equal "A" spacing between electrodes is maintained. Resistivity measurements were taken along 2 traverses located along the perimeter of the staked tower compound. Individual resistivity values at 5, 10, 15, 20, 30 and 40 foot spacings are presented on the soil resistivity test sheet in the Appendix.

6.0 GENERAL COMMENTS

Terracon should be retained to review the final design plans and specifications so comments can be made regarding interpretation and implementation of our geotechnical recommendations in the design and specifications. Terracon also should be retained to provide testing and observation during excavation, grading, foundation and construction phases of the project.

The analysis and recommendations presented in this report are based upon the data obtained from the boring performed at the indicated location and from other information discussed in this report. This report does not reflect variations that may occur across the site, or due to the modifying effects of weather. The nature and extent of such variations may not become evident until during or after construction. If variations appear, we should be immediately notified so that further evaluation and supplemental recommendations can be provided.

The scope of services for this project does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Willow Shade Telecommunication Tower
Willow Shade, Kentucky
Terracon Project No.: 57077370
October 19, 2007

Terracon

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are intended or made. Site safety, excavation support, and dewatering requirements are the responsibility of others. In the event that changes in the nature, design, or location of the project as outlined in this report are planned, the conclusions and recommendations contained in this report shall not be considered valid unless Terracon reviews the changes and either verifies or modifies the conclusions of this report in writing.

APPENDIX

LOG OF BORING NO. B-1

CLIENT Bluegrass Cellular Partnership	ARCHITECT / ENGINEER
SITE 9517 Summer Shade Road Willow Shade, Kentucky	PROJECT Willow Shade Telecommunication Tower

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	SAMPLES				TESTS			
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
0.3	Approx. Surface Elev.: 880 ft TOPSOIL	879.5								
3.5	LEAN CLAY with limestone fragments, light brown, stiff	876.5	CL	1	SS	12	13	17	6000*	LL = 52 PL = 22 PI = 30
5	FAT CLAY with trace limestone fragments, yellowish brown, stiff		CH	2	SS	12	15	18	6000*	
9	Auger Refusal at 9 feet, Began Coring		CH	3	SS	16	13	29		
10	LIMESTONE with interbedded shale and quartz filled vugs, moderately to slightly weathered, closely jointed, medium gray to brownish gray, hard	871	CH	4	SS	0	50/3			
15				5	DB	92%	RQD 60%			
19	Boring Terminated at 19 feet	861								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. *Calibrated Hand Penetrometer

WATER LEVEL OBSERVATIONS, ft	
WL	▽
WL	▽
WL	Dry Upon Auger Completion



BORING STARTED	9-25-07
BORING COMPLETED	9-25-07
RIG	CME-55
FOREMAN	MW
APPROVED	TMH
JOB #	57077370

BOREHOLE 99 57077370 LOGS.GPJ TERRACON.GDT 10/22/07



Project: Willow Shade
Project No.: 57077370
Performed By: JGC
Checked By: _____

Soil Resistivity

At-Grade Measurements (equal rod spacing)

Location	Depth of Interest (feet)	Electrode Spacing from Center (feet)		Resistance (ohms)		Resistivity (ohm-cm)
		Inner	Outer	Dial Reading	Range Switch	
A- A'	5	2.5	7.5	3.0	10.0	28725
	10	5	15	1.4	10.0	26810
	15	7.5	22.5	7.5	1.0	21544
	20	10	30	5.8	1.0	22214
	30	15	45	0.6	10.0	34470
	40	20	60	0.8	10.0	61280
B-B'	5	2.5	7.5	2.8	10.0	26810
	10	5	15	1.6	10.0	30640
	15	7.5	22.5	7.2	1.0	20682
	20	10	30	5.7	1.0	21831
	30	15	45	0.7	10.0	40215
	40	20	60	1.0	10.0	76600

Resistivity (ohm-cm) = $2\pi a^2 R \cdot 30.48$
R = resistivity (dial reading*range switch)
a = electrode spacing

Equipment Usage: Nilsson Soil Resistance Meter - Model 400

Additional Notes: _____

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

SS:	Split Spoon - 1- ³ / ₈ " I.D., 2" O.D., unless otherwise noted	HS:	Hollow Stem Auger
ST:	Thin-Walled Tube - 2" O.D., unless otherwise noted	PA:	Power Auger
RS:	Ring Sampler - 2.42" I.D., 3" O.D., unless otherwise noted	HA:	Hand Auger
DB:	Diamond Bit Coring - 4", N, B	RB:	Rock Bit
BS:	Bulk Sample or Auger Sample	WB:	Wash Boring or Mud Rotary

The number of blows required to advance a standard 2-inch O.D. split-spoon sampler (SS) the last 12 inches of the total 18-inch penetration with a 140-pound hammer falling 30 inches is considered the "Standard Penetration" or "N-value".

WATER LEVEL MEASUREMENT SYMBOLS:

WL:	Water Level	WS:	While Sampling	N/E:	Not Encountered
WCI:	Wet Cave in	WD:	While Drilling		
DCI:	Dry Cave in	BCR:	Before Casing Removal		
AB:	After Boring	ACR:	After Casing Removal		

Water levels indicated on the boring logs are the levels measured in the borings at the times indicated. Groundwater levels at other times and other locations across the site could vary. In pervious soils, the indicated levels may reflect the location of groundwater. In low permeability soils, the accurate determination of groundwater levels may not be possible with only short-term observations.

DESCRIPTIVE SOIL CLASSIFICATION: Soil classification is based on the Unified Classification System. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; their principal descriptors are: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are principally described as clays if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse-grained soils are defined on the basis of their in-place relative density and fine-grained soils on the basis of their consistency.

CONSISTENCY OF FINE-GRAINED SOILS

<u>Unconfined Compressive Strength, Qu, psf</u>	<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Consistency</u>
< 500	<2	Very Soft
500 - 1,000	2-4	Soft
1,001 - 2,000	5-7	Medium Stiff
2,001 - 4,000	8-15	Stiff
4,001 - 8,000	16-30	Very Stiff
8,000+	30+	Hard

RELATIVE DENSITY OF COARSE-GRAINED SOILS

<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Relative Density</u>
0 - 3	Very Loose
4 - 9	Loose
10 - 29	Medium Dense
30 - 49	Dense
50+	Very Dense

RELATIVE PROPORTIONS OF SAND AND GRAVEL

<u>Descriptive Term(s) of other constituents</u>	<u>Percent of Dry Weight</u>
Trace	< 15
With	15 - 29
Modifier	> 30

GRAIN SIZE TERMINOLOGY

<u>Major Component of Sample</u>	<u>Particle Size</u>
Boulders	Over 12 in. (300mm)
Cobbles	12 in. to 3 in. (300mm to 75 mm)
Gravel	3 in. to #4 sieve (75mm to 4.75 mm)
Sand	#4 to #200 sieve (4.75mm to 0.075mm)
Silt or Clay	Passing #200 Sieve (0.075mm)

RELATIVE PROPORTIONS OF FINES

<u>Descriptive Term(s) of other constituents</u>	<u>Percent of Dry Weight</u>
Trace	< 5
With	5 - 12
Modifiers	> 12

PLASTICITY DESCRIPTION

<u>Term</u>	<u>Plasticity Index</u>
Non-plastic	0
Low	1-10
Medium	11-30
High	30+

GENERAL NOTES

Description of Rock Properties

WEATHERING

Fresh	Rock fresh, crystals bright, few joints may show slight staining. Rock rings under hammer if crystalline.
Very slight	Rock generally fresh, joints stained, some joints may show thin clay coatings, crystals in broken face show bright. Rock rings under hammer if crystalline.
Slight	Rock generally fresh, joints stained, and discoloration extends into rock up to 1 in. Joints may contain clay. In granitoid rocks some occasional feldspar crystals are dull and discolored. Crystalline rocks ring under hammer.
Moderate	Significant portions of rock show discoloration and weathering effects. In granitoid rocks, most feldspars are dull and discolored; some show clayey. Rock has dull sound under hammer and shows significant loss of strength as compared with fresh rock.
Moderately severe	All rock except quartz discolored or stained. In granitoid rocks, all feldspars dull and discolored and majority show kaolinization. Rock shows severe loss of strength and can be excavated with geologist's pick.
Severe	All rock except quartz discolored or stained. Rock "fabric" clear and evident, but reduced in strength to strong soil. In granitoid rocks, all feldspars kaolinized to some extent. Some fragments of strong rock usually left.
Very severe	All rock except quartz discolored or stained. Rock "fabric" discernible, but mass effectively reduced to "soil" with only fragments of strong rock remaining.
Complete	Rock reduced to "soil". Rock "fabric" not discernible or discernible only in small, scattered locations. Quartz may be present as dikes or stringers.

HARDNESS (for engineering description of rock – not to be confused with Moh's scale for minerals)

Very hard	Cannot be scratched with knife or sharp pick. Breaking of hand specimens requires several hard blows of geologist's pick.
Hard	Can be scratched with knife or pick only with difficulty. Hard blow of hammer required to detach hand specimen.
Moderately hard	Can be scratched with knife or pick. Gouges or grooves to ¼ in. deep can be excavated by hard blow of point of a geologist's pick. Hand specimens can be detached by moderate blow.
Medium	Can be grooved or gouged 1/16 in. deep by firm pressure on knife or pick point. Can be excavated in small chips to pieces about 1-in. maximum size by hard blows of the point of a geologist's pick.
Soft	Can be gouged or grooved readily with knife or pick point. Can be excavated in chips to pieces several inches in size by moderate blows of a pick point. Small thin pieces can be broken by finger pressure.
Very soft	Can be carved with knife. Can be excavated readily with point of pick. Pieces 1-in. or more in thickness can be broken with finger pressure. Can be scratched readily by fingernail.

Joint, Bedding and Foliation Spacing in Rock^a

Spacing	Joints	Bedding/Foliation
Less than 2 in.	Very close	Very thin
2 in. – 1 ft.	Close	Thin
1 ft. – 3 ft.	Moderately close	Medium
3 ft. – 10 ft.	Wide	Thick
More than 10 ft.	Very wide	Very thick

Rock Quality Designator (RQD) ^b		Joint Openness Descriptors	
RQD, as a percentage	Diagnostic description	Openness	Descriptor
Exceeding 90	Excellent	No Visible Separation	Tight
90 – 75	Good	Less than 1/32 in.	Slightly Open
75 – 50	Fair	1/32 to 1/8 in.	Moderately Open
50 – 25	Poor	1/8 to 3/8 in.	Open
Less than 25	Very poor	3/8 in. to 0.1 ft.	Moderately Wide
		Greater than 0.1 ft.	Wide

- a. Spacing refers to the distance normal to the planes, of the described feature, which are parallel to each other or nearly so.
 b. RQD (given as a percentage) = length of core in pieces 4 in. and longer/length of run.

References: American Society of Civil Engineers. Manuals and Reports on Engineering Practice - No. 56. Subsurface Investigation for Design and Construction of Foundations of Buildings. New York: American Society of Civil Engineers, 1976.
 U.S. Department of the Interior, Bureau of Reclamation, Engineering Geology Field Manual.

UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests^A

			Soil Classification		
			Group Symbol	Group Name ^B	
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines ^C	$Cu \geq 4$ and $1 \leq Cc \leq 3^E$	GW	Well-graded gravel ^F
		Gravels with Fines More than 12% fines ^C	$Cu < 4$ and/or $1 > Cc > 3^E$	GP	Poorly graded gravel ^F
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^D	Fines classify as ML or MH	GM	Silty gravel ^{F,G,H}
			Fines classify as CL or CH	GC	Clayey gravel ^{F,G,H}
		Sands with Fines More than 12% fines ^D	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$	SW	Well-graded sand ^I
			$Cu < 6$ and/or $1 > Cc > 3^E$	SP	Poorly graded sand ^I
Fine-Grained Soils 50% or more passes the No. 200 sieve	Silt and Clays Liquid limit less than 50	inorganic	$PI > 7$ and plots on or above "A" line ^J	CL	Lean clay ^{K,L,M}
		organic	$PI < 4$ or plots below "A" line ^J	ML	Silt ^{K,L,M}
			Liquid limit - oven dried < 0.75	OL	Organic clay ^{K,L,M,N}
			Liquid limit - not dried		Organic silt ^{K,L,M,O}
	Silt and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line	CH	Fat clay ^{K,L,M}
		organic	PI plots below "A" line	MH	Elastic Silt ^{K,L,M}
			Liquid limit - oven dried < 0.75	OH	Organic clay ^{K,L,M,P}
			Liquid limit - not dried		Organic silt ^{K,L,M,Q}
Highly organic soils	Primarily organic matter, dark in color, and organic odor		PT	Peat	

^ABased on the material passing the 3-in. (75-mm) sieve

^BIf field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

^CGravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

^DSands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay

$$^E Cu = D_{60}/D_{10} \quad Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$

^FIf soil contains $\geq 15\%$ sand, add "with sand" to group name.

^GIf fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

^HIf fines are organic, add "with organic fines" to group name.

^IIf soil contains $\geq 15\%$ gravel, add "with gravel" to group name.

^JIf Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

^KIf soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

^LIf soil contains $\geq 30\%$ plus No. 200 predominantly sand, add "sandy" to group name.

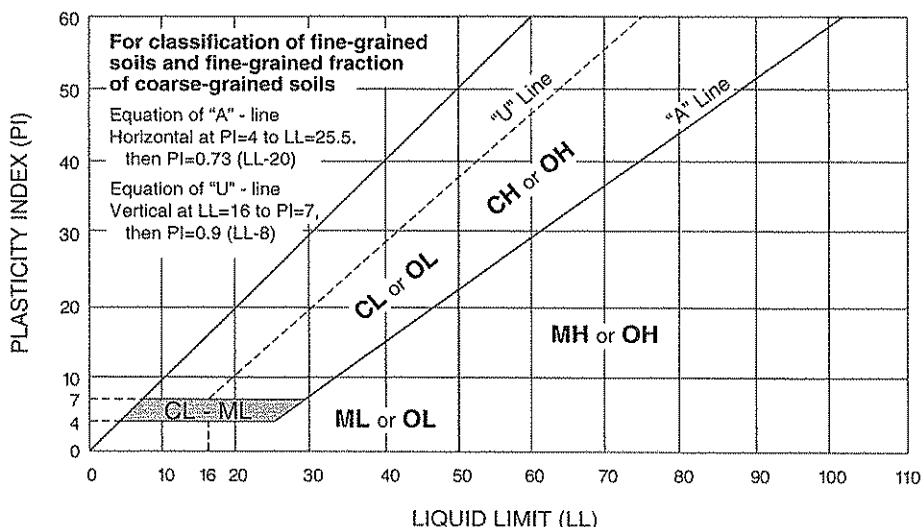
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

^N $PI \geq 4$ and plots on or above "A" line.

^O $PI < 4$ or plots below "A" line.

^P PI plots on or above "A" line.

^Q PI plots below "A" line.



Terracon

October 19, 2007

Terracon
Consulting Engineers & Scientists

Bluegrass Cellular Partnership
2902 Ring Road
Elizabethtown, Kentucky 42702

4545 Bishop Lane, Suite 101
Louisville, Kentucky 40218
Phone 502.456.1256
Fax 502.456.1278
www.terracon.com

Attention: Mr. Doug Updegraff

**Re: Geotechnical Engineering Report
Willow Shade Telecommunication Tower
9517 Summer Shade Road
Willow Shade, Kentucky
Terracon Project No. 57077370**

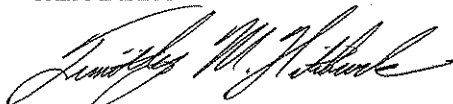
Dear Mr. Updegraff:

The results of our subsurface exploration are attached. The purpose of this exploration was to obtain information on subsurface conditions at the proposed project site and, based on this information, to provide recommendations regarding the design and construction of the foundations for the proposed tower.


The design parameters and recommendations within this report apply to the existing planned tower height and adjustments up to 20% increase or decrease in tower height, as long as the type of tower does not change. If changes in the height of the tower dictate a change in tower type (i.e. – monopole to a self-support, self-support to a guyed tower), Terracon should be contacted to evaluate our recommendations with respect to these changes.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we may be of further service to you in any way, please feel free to contact us.

Sincerely,
Terracon

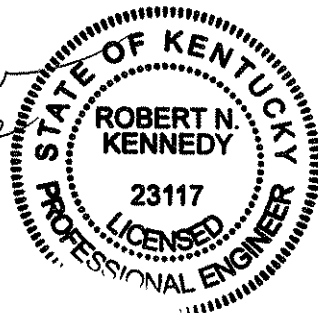


Timothy M. Hitchcock, EIT
Staff Engineer



Robert N. Kennedy, P.E.
Kentucky No.: 23117

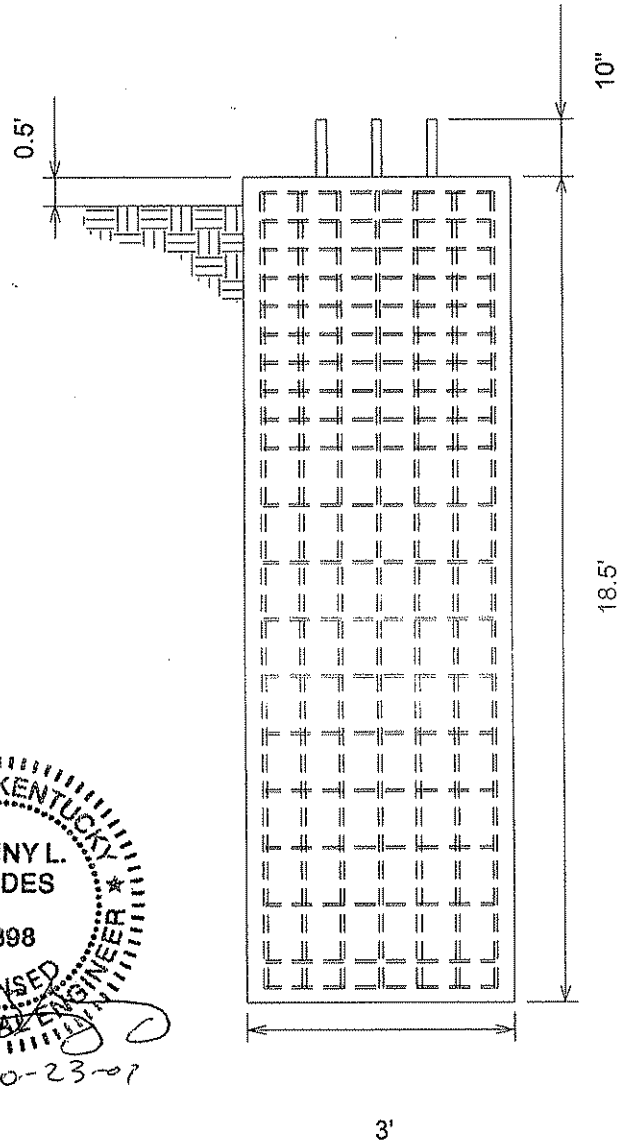
Copies: (4) Addressee



Timothy G. LaGrow, P.E.
Regional Manager

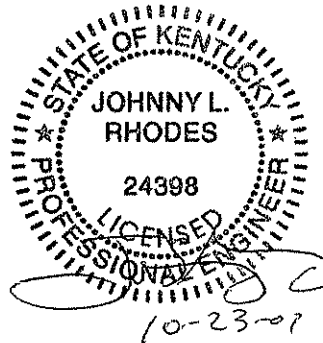
CAISSON DESIGN

Vertical Bars	(14) #9 bars, 18' long
Ties	#5 bars @ 6" c/c for the first 6.5' then 12" c/c thereafter



General Notes

1. Concrete shall be placed in accordance with ACI318-02, latest revision.
2. Concrete shall have a minimum 28 day compressive strength of 4000 PSI.
3. Rebar to conform to ASTM A615 grade 60.
4. Rebar used for ties may be A615 grade 40.
5. All rebar to have a minimum of 3" clear cover.
6. All exposed concrete corners to have 3/4" chamfer.
7. Bottom and side surfaces to rest on undisturbed soil.
8. Contractor shall be responsible to review and follow all recommendations of the geotechnical report.



Supplemental Notes

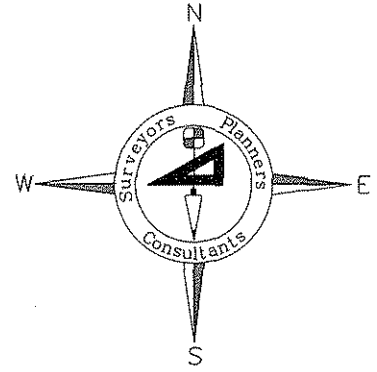
Soil values obtained from Terracon soils report #57077370 Dated 10/19/07.
Use (6) 1 1/2" x 72" 50ksi anchor bolts

EASTPOINTE ENGINEERING GROUP, LLC
4020 Tull Ave. Muskogee, OK 74403--Phone 918.683.2169--Fax:918.682.7618

Client:	Bluegrass Cellular	
Site:	Willow Shade	
Job:	2695	Drawn by: JLR
Scale:	NTS	Date: 10/23/07

Landmark Surveying Co., Inc.

Darren L. Helms, R.L.S., PRESIDENT
Dennis N. Helms, R.L.S., VICE PRESIDENT



15 N.E. 3rd Street
Washington, Indiana 47501
Phone: 812-257-0950
Fax: 812-257-0953
E-mail: landmark@dmrtc.net

Directions to the Site From the County Seat of Metcalfe County, Kentucky

Willow Shade Site
Metcalfe County, Kentucky

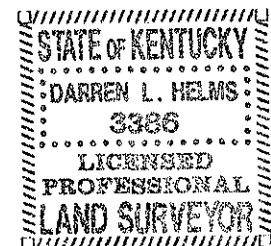
From the Metcalfe County courthouse in downtown Edmonton, Kentucky: travel south on Kentucky Highway 163 for 8.4 miles to Kentucky Highway 90; turn left onto Kentucky Highway 90 and travel east for 5.3 miles to N.C. Hurt Road on the right (about 0.2 miles east of Willow Shade); turn right onto N.C. Hurt Road and travel southerly for 0.6 miles to the access road on the left; turn left onto the access road and travel northeasterly for 200 feet to the tower site. The address of the site is 680 N.C. Hurt Road, Tompkinsville, Kentucky 42167.

Darren L. Helms

Darren L. Helms, Kentucky Professional Land Surveyor No. 3386

Oct. 17, 2007

Date



Site Name: Willow Shade

OPTION TO LEASE AND LEASE AGREEMENT

I.

OPTION TO LEASE REAL PROPERTY

THIS OPTION TO LEASE REAL PROPERTY (the "Option Agreement") is made and entered into this 28 day of August, 2007, by and between David R. Huff and Joan S. Huff, husband and wife whose address is 9517 Summer Shade Road, Willow Shade, KY 42166 (the "Optionor (s)") and Cumberland Cellular Partnership, d/b/a Bluegrass Cellular, a Kentucky general partnership with principal office and place of business at 2902 Ring Road, Elizabethtown, KY 42701 (the "Optionee").

WITNESSETH:

WHEREAS, the Optionor(s) is the owner of certain real property located in Metcalf County, Kentucky as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Property"); and

WHEREAS, the Optionor(s) wishes to grant to the Optionee, and the Optionee wishes to obtain from the Optionor(s), an option to lease the Property upon the terms and conditions set forth herein;

NOW, THEREFORE, in consideration of the foregoing premises and for other good and valuable consideration, the mutuality, receipt and sufficiency of which are hereby acknowledged, the parties hereto do agree as follows.

Site Name: Willow Shade

1. In consideration of **One Thousand Eight Hundred Dollars and Zero Cents (\$1,800.00)** paid by the Optionee to the Optionor(s) (the "Option Consideration"), the receipt of which is hereby acknowledged by the Optionor(s), the Optionor(s) hereby grants to the Optionee an exclusive and irrevocable option to lease the Property (the "Option"), upon the terms and conditions hereinafter set forth, upon the exercise of the Option at any time before 4:00 p.m. prevailing time on 28 Jan 09 (the "Option Period") as set forth in Paragraph 5 thereof.
2. The parties hereto anticipate that the Property comprises approximately a **One Hundred Foot by One Hundred Foot** area, and that a right of way will be given by the Optionor(s) for the purposes of ingress and egress throughout the term of the lease. The Optionee shall obtain an accurate survey of the Property by a registered land surveyor licensed in the Commonwealth of Kentucky at the sole expense of the Optionee. A copy of the survey shall be provided to the Optionor(s). The description of the Property shall include the number of acres determined by the surveyor. The Optionee shall obtain said survey within a reasonable time following the date of the Option Agreement.
3. During the term of the Option, the Optionee may enter onto the Property at its own risk to obtain soil samples and to bore soil for the purposes of determining the suitability of the Property for a communications tower.
4. Upon the Optionee's proper exercise of the Option in accordance with Paragraph 5 hereof, the Optionor(s) shall be deemed to have immediately executed, acknowledged and delivered to the Optionee the Lease Agreement contained in Section II hereof. The description of the Property shall be that determined by the registered land surveyor in accordance with Paragraph 2 hereof.

Site Name: Willow Shade

5. If the Optionee elects to exercise the Option in accordance with the terms hereof, notice of such election shall be deemed sufficient if personally delivered or sent by registered or certified mail, return receipt requested, to the address of the Optionor(s) set forth in Paragraph 14 hereof.
6. The Optionor(s) agrees not to sell, lease or offer for sale or lease the Property during the term of this Option or any renewal or extension of the Option.
7. In the event the Optionee fails to exercise the Option as set forth herein (unless such failure is due to the discovery of a defect in the Property or other matter unsatisfactory to the Optionee), the Optionor(s) shall have the right to retain the Option Consideration.
8. The Optionee may assign this Option with written consent of the Optionor(s), which consent shall not be unreasonably withheld, and upon any assignment such assignee shall have all the rights, remedies and obligations as if it were the original Optionee hereunder. From and after any such assignment, the term "Optionee" shall refer to such assignee.
9. Each party hereto shall bear any and all of its own expenses in connection with the negotiation, execution or settlement of this Option.
10. Risk of loss with respect to the Property during the term of this Option and during the term of the lease shall be upon the Optionor(s). If, during the term of the Option, any portion of the Property shall be acquired by public authority under the right or threat of eminent domain, the Optionee may, at its sole option, either (i) exercise the

Site Name: Willow Shade

Option, and in such event, all sums received from the public authority by the Optionor(s) by reason of the taking of a portion of the Property shall reduce the rent due under the lease, or (ii) terminate this Option and thereupon the Optionor(s) shall be obligated to return to the Optionee the full amount of the Option Consideration previously paid to the Optionor(s) in "good and collected funds."

11. The parties hereto represent to each other that neither has engaged any broker to represent their interests in connection with the transactions contemplated hereby, and each agrees to indemnify the other against any and all claims made by any brokers engaged or purported to be engaged by the other for brokerage commissions or fees in connection with the transactions contemplated hereby.
12. The Optionor(s) represents, warrants and covenants to the Optionee that the Optionor(s) has not caused or permitted, and shall not cause or permit, and to the best of Optionor(s)' knowledge no other person has caused or permitted any hazardous material (as defined by any applicable federal, state or local law, rule or regulation) to be brought upon, placed, held, located or disposed of at the Property. In the event any such contamination occurs for which the Optionee becomes legally liable, the Optionor(s) shall indemnify the Optionee against all claims, damages, judgments, penalties and costs and expenses, including reasonable attorneys' fees, which Optionee may incur.
13. This Option Agreement and the rights and obligations of the parties hereto shall be construed in accordance with the laws of the Commonwealth of Kentucky.

Site Name: Willow Shade

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: **9517 Summer Shade Road, Willow Shade, KY 42166**; the Optionee's address shall be: **2902 Ring Road, Elizabethtown, KY 42701**. Any inquiry by the Optionor to the Optionee regarding the terms and conditions of the Option Agreement or Lease Agreement, or otherwise related to the Option Agreement or Lease Agreement, shall be made in writing and submitted to the attention of the Optionee's Lease Administrator at the above address.
15. The Optionee shall have the right, in its sole discretion, to record this Option in the Office of the Clerk of the County Court of Metcalfe County, **Kentucky**.

II.

LEASE AGREEMENT

16. In the event the Optionee elects to exercise the Option to lease the Property, the terms of the Lease Agreement ("Lease Agreement" or "Lease") shall become immediately effective upon such exercise and shall be as follows.
 1. The term of the Lease shall commence on the date that the Optionor(s) receives proper notice that the Optionee has exercised the Option, pursuant to Paragraph 5 therein. The initial term shall expire **five (5) year(s)** from the commencement date of the Lease Agreement and shall include **six (6) additional five (5)-year terms** per the Lease Agreement. Optionee may, by providing written notice at least sixty (60) days prior to the expiration of the original or any renewal Lease term, elect to unilaterally terminate this Lease at the end of any original or renewal Lease term. Such notice must be

Site Name: Willow Shade

personally delivered or sent via registered or certified mail, return receipt requested, to the address of the Optioner(s) set forth in Paragraph 14 hereof. The Lease amount shall be adjusted at the end of each term by an increase of 12%.

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of Four Thousand Eight Hundred Dollars and Zero Cents (\$4,800.00) yearly, to be paid in advance. All rent payments shall be personally delivered or mailed to the Optionor(s) at the address set forth in Paragraph 14 hereof. Any check payment of the rent due under the Lease shall be payable to the order of Optionor(s).
3. The Optionee shall be entitled to use and occupy the Property for the purpose of erecting, maintaining and operating a communications tower and communications facilities thereon and for all such other uses as Optionee may, in its sole discretion, deem necessary in connection therewith.
4. The Optionor(s) shall be responsible for the payment of all real estate taxes which shall be assessed against the Property during the term of the lease. The Optionee shall pay all charges for heat, water, gas, electricity, sewer use charges and any other utility used or consumed on the Property. The Optionee shall, at its own cost and expense, maintain and keep in full force and effect during the term of the lease public liability insurance with coverage in the amount of at least one million dollars (\$1,000,000.00) per person for bodily injury, disease, or death and shall maintain property insurance on any property the Optionee located on the Property.

Site Name: Willow Shade

5. The Optionee may assign the lease. The Optionee may sublet all or part of the space on the tower or ground space.
6. The Optionor(s) covenants that upon the Optionee's payment of the rent agreed upon herein, as well as Optionee's observing and performing all of the covenants and conditions contained in the Lease, the Optionee may peacefully and quietly enjoy the Property subject to the terms and conditions set forth in the Lease.
7. The Optionee agrees to maintain an access road in a passable manner for the term of the lease.
8. Licensee's Payment of Taxes, Fees and Assessments. Optionee shall pay directly to the applicable federal, state or local governmental unit or agency ("Governmental Entity") or to Optionor if Optionor is invoiced by such Governmental Entity, all taxes, fees, assessments or other charges assessed by any Governmental Entity directly against Optionee's Equipment and/or Optionee's use of the Facility. Optionee shall also pay to Optionor Optionee's Pro Rata Share of all taxes, fees, assessments or charges including, but not limited to, personal property taxes attributable to Optionee's equipment and antenna(s), municipal franchise fees, use fees, municipal application fees, installation fees and increases thereof. "Pro Rata Share" shall mean the fraction of decimal equivalent of dividing one (1) by the total number of then existing users occupying a tower on the last day of the applicable calendar year.

Site Name: Willow Shade

17. This Option and Lease Agreement contains the entire agreement between the parties hereto and no modification or amendment shall be binding upon any party unless made in writing and signed by each of the parties hereto.
18. Upon the termination or other end of this Lease Agreement, Optionee shall have the right to remove any and all of its property (real or personal) from the Property regardless of whether or not such property may be considered a fixture thereto.
19. Upon abandonment of the property, Optionee shall have thirty (30) days to dismantle and remove the cellular antenna tower and any/all equipment located on Optionor's property.

[Remainder of Page Intentionally Left Blank]

Site Name: Willow Shade

EXECUTION OF AGREEMENT(S)

IN WITNESS WHEREOF, the parties hereto have set their hands and affixed their respective seals.

David R. Huff
Date: 8-25-07

Joan S. Huff
Date: 8-25-07
("Optionor(s)")

By: David R. Huff and Joan S. Huff
Property Owner(s)

Cumberland Cellular Partnership,
d/b/a Bluegrass Cellular, a Kentucky general
partnership
Ron Smith
Date: 8/24/07
("Optionee")

By: Ron Smith
Authorized Representative

STATE OF Ky
 COUNTY OF Metcalfe

The foregoing instrument was acknowledged before me this 25th day of August, 2007, by David R. Huff to be his/her free act and deed.

Carol P. [Signature]
 NOTARY PUBLIC STATE AT LARGE
 My commission expires: 2-13-08

Site Name: Willow Shade

STATE OF KY
 COUNTY OF Metcalf

The foregoing instrument was acknowledged before me this 25th day of August,
 2007, by Jean S Huff to be his/her free act and deed.

Carol [Signature]
 NOTARY PUBLIC STATE AT LARGE
 My commission expires: 12-13-08

STATE OF KENTUCKY
 COUNTY OF HARDIN

This instrument was acknowledged before me this 28 day of August,
 2007 by Ron Smith of Cumberland Cellular Partnership, d/b/a Bluegrass Cellular on behalf of the
 general partnership

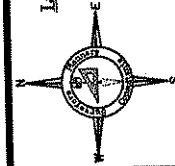
Julie [Signature]
 NOTARY PUBLIC STATE AT LARGE
 My commission expires: 1-21-09

This instrument prepared by:

[Signature]
 John E. Selent
DINSMORE & SHOHL LLP
 1400 PNC Plaza
 500 West Jefferson Street
 Louisville, KY 40202
 (502) 540-2300

ky
nd Landowners

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(317) 257-0950
Email: landmark@bellsouth.net
Project No. 07-10-0169



500-Foot Radius Map

680 N.C. Hurt Road

Tompkinsville, Kentucky 42167

Bluegrass Cellular

2902 Ring Road

Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE: 10-17-07
DRAWN BY: A. Winkler
CHECKED BY: D.L. Helms

SHEET NO.

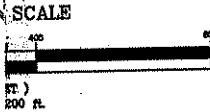
1

OF 1 SHEETS

FILE NO.

willow shade radius.dwg

David R. Huff & Joan S. Huff
9517 Summer Shade Road
Willow Shade, KY 42169
PVA Map No. 052-00-00-008.00



N.C. Hurt Road

are approximate, and they are based
the office of the Property Valuation
Monroe County, Kentucky.

ertification

shown is correct to the best of my
th the records found in the office
ors of Metcalfe County and Monroe
7.

Helms

STATE OF KENTUCKY
DARREN L. HELMS
3386
LICENSED
PROFESSIONAL
LAND SURVEYOR

Approximate Location
of County Line

Old Kessler Ridge School Road

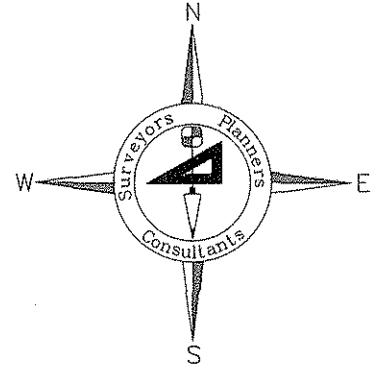
Metcalfe Co.
Monroe Co.

Charlotte J. Ward
4694 Ferallmon Kessler Ridge Road
Tompkinsville, KY 42167
PVA Map No. 67-17

ed Copy

Landmark Surveying Co., Inc.

Darren L. Helms, R.L.S., PRESIDENT
Dennis N. Helms, R.L.S., VICE PRESIDENT



15 N.E. 3rd Street
Washington, Indiana 47501
Phone: 812-257-0950
Fax: 812-257-0953
E-mail: landmark@dmrtc.net

Landowner and Adjacent Landowner List

Bluegrass Cellular
Willow Shade Site
Metcalfe County, Kentucky

Clifton Shaw
9937 Summer Shade Road
Willow Shade, KY 42169

Charlotte J. Ward
4694 Persimmon Kessler Ridge Road
Tompkinsville, KY 42167

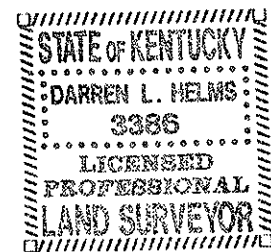
Wesley W. Fisher Est.
c/o Jill E. Hughes
912 Pleasant Ridge Court
Lafayette, IN 47904

David R. Huff and Joan S. Huff
9517 Summer Shade Road
Willow Shade, KY 42169

Eudean and Emma Scott
P.O. Box 241
Marrowbone, KY 42759

Darren L. Helms
Darren L. Helms, Kentucky Professional Land Surveyor No. 3386

Oct. 17, 2007
Date



November 14, 2007

Wesley W. Fisher Estate
c/o Jill E. Hughes
912 Pleasant Ridge Court
Lafayette, IN 47904

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular radio service. This facility will include a 240-foot tower to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

Executive Director's Office
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Please refer to case number 2007-00457 in your correspondence.

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at www.myblueworks.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <i>Jill Hughes</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Wesley W. Fisher Estate c/o Jill E. Hughes 912 Pleasant Ridge Court Lafayette, IN 47904	B. Received by (Printed Name) C. Date of Delivery JEFFREY HUGHES 11-23-07
2. Article Number (Transfer from service label) 7006 2760 0000 9423 5885	D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes if YES, enter delivery address below: <input type="checkbox"/> No <i>3227 Cedar Ln Lafayette, IN 47905</i>
PS Form 3811, February 2004	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

102595-02-M-1540

November 14, 2007

David R. and Joan S. Huff
9517 Summer Shade Road
Willow Shade, KY 42169

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular radio service. This facility will include a 240-foot tower to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

**Executive Director's Office
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602**

Please refer to case number 2007-00457 in your correspondence.

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at www.myblueworks.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>David Huff 11/19/07</p>
<p>1. Article Addressed to:</p> <p>David R. and Joan S. Huff 9517 Summer Shade Road Willow Shade, KY 42169</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) 7006 2760 0000 9423 5915</p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102505-02-M-1540</p>	

November 14, 2007

Eudean and Emma Scott
P.O. Box 241
Marrowbone, KY 42759

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular radio service. This facility will include a 240-foot tower to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

Executive Director's Office
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Please refer to case number 2007-00457 in your correspondence.

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at www.myblueworks.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <i>X Emma Scott</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Eudean and Emma Scott P.O. Box 241 Marrowbone, KY 42759	B. Received by (Printed Name) <i>EMMA SCOTT KY 42759</i> C. Date of Delivery <i>11/20/07</i>
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No NOV 20 2007 USPS
2. Article Number (Transfer from service label)	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
PS Form 3811, February 2004	7006 2760 0000 9423 5892 Domestic Return Receipt 1025-02-M-1540

November 14, 2007

Charlotte J. Ward
4694 Persimmon Kessler Ridge Road
Tompkinsville, KY 42167

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular radio service. This facility will include a 240-foot tower to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

**Executive Director's Office
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602**

Please refer to case number 2007-00457 in your correspondence.

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at www.myblueworks.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature X <i>John P. Garrett</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> Date of Delivery <i>JOHN P GARRETT</i> <i>11/20/07</i></p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Charlotte J. Ward 4694 Persimmon Kessler Ridge Road Tompkinsville, KY 42167</p>	
	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>PS FI</p>	<p>102595-02-M-1540</p>

November 14, 2007

Clifton Shaw
9937 Summer Shade Road
Willow Shade, KY 42169

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular radio service. This facility will include a 240-foot tower to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

The Commission invites your comments regarding this proposed construction. Also, The Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

**Executive Director's Office
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602**

Please refer to case number 2007-00457 in your correspondence.

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at www.myblueworks.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>Reba Shaw</i>
1. Article Addressed to: Clifton Shaw 9937 Summer Shade Road Willow Shade, KY 42169	B. Received by (Printed Name) <i>Reba Shaw</i> C. Date of Delivery <i>11/19/07</i>
2. Article (Trade) PS:Fc	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

102595-02-M-1540

Dinsmore & Shohl LLP
ATTORNEYS

Kerry W. Ingle
502-540-2354
kerry.ingle@dinslaw.com

November 14, 2007

Via Certified Mail

Metcalfe County Judge Executive
Courthouse
100 E. Stockton Street
Edmonton, Kentucky 42129

RE: Public Notice - Public Service Commission of the Commonwealth of Kentucky
Case No. 2007-00457

Dear Sir:

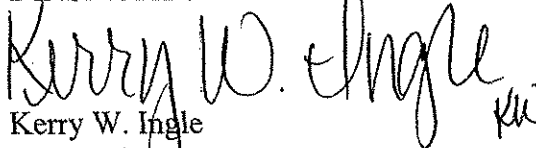
Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the Commission") for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Metcalfe County. The facility will include a 240 ft. tower and an equipment shelter to be located at 680 N. C. Hurt Road, Tompkinsville, Kentucky, 42653. A map showing the location of the proposed new facility is enclosed.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to case number 2007-00457 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP


Kerry W. Ingle
Paralegal

Enclosure

255 East Fifth Street, Suite 1900 Cincinnati, OH 45202
513.977.8200 513.977.8141 fax www.dinslaw.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Metcalfe County Judge Executive
Courthouse
100 E. Stockton Street
Edmonton, KY 42129

2. Article Number

(Transfer from service label)

7006 2760 0000 9423 5861

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Vickie Stephens*

- Agent
- Addressee

B. Received by (Printed Name)

Vickie Stephens

C. Date of Delivery

11-20-07

D. Is delivery address different from item 1? Yes

If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Express Mail
- Registered
- Return Receipt for Merchandise
- Insured Mail
- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

PUBLIC NOTICE

Comberland Cellular Partnership
proposes to
construct a cellular
communications

TOWER

near this site. If you have any
questions please contact:

General Manager
Comberland Cellular Partnership
10000
PO Box 10000
Richmond, VA 23210

Please refer to P.S.C.

Case #2007-00457

in your correspondence.

PUBLIC NOTICE

Cumberland Cellular Partnership
proposes to
construct a cellular
communications

TOWER

on this site. If you have any
questions please contact:

Cumberland Cellular Partnership P. O. Box 5012 2907 King Road Georgetown, KY 40320	or	Executive Director, The Public Service Commission 200 Somerset Boulevard P. O. Box 616 Frankfurt, KY 40602
--	----	--

Please refer to P.S.C.

Case #2007-00457

in your correspondence.

AFFIDAVIT

This is to certify that the 21 + 28 day of November,
2007 an ad for Cumberland Cellular
Partnership
was published in the regular edition of the Edmonton
Herald News, a newspaper published for general
circulation in the City of Edmonton, Metcalfe
County and adjoining counties.

Pam Wright

COMMONWEALTH OF KENTUCKY

County of Hart

The foregoing was subscribed and sworn to before me by _____
Pam Wright on this 30 day of November
in 2007.

Lesia Logsdon

Notary Public, Kentucky, State-At-Large

My commission expires: 02-09-11

THE PALM SPRINGS BEST SELLERS

CLASSIFIED COVERAGE YOU NEED!

- 1 Page** - \$700 per week - 20 cents per line
- 2 Pages** - \$1100 per week - 20 cents per line
- 3 Pages** - \$1500 per week - 20 cents per line
- 4 Pages** - \$1900 per week - 20 cents per line
- 5 Pages** - \$2275 per week - 20 cents per line
- All 9 Pages** - \$2700 per week - 20 cents per line

Do you or a loved one have a problem with drugs or alcohol & need help? Call...

1.800.556.8885

For a free consultation with a Certified Addiction Counselor.

www.drugrehab.net

ATTENTION Subscribers

Do You Know When Your Newspaper Subscription Ends?

This date here shows when your subscription ends

*****CARRI LOT**R001
 12/31/06
 John Doe
 123 Main Street
 Anytown, KY 00000-0000

Any Classifications Please Call Susan at 270-786-2679 or Barbara at 270-524-2481.

Tree Top Community of Quality

Nationally Recognized as a Community of Quality

Edmonton Metro Apartments

Taking applications for 1, 2 & 3 bedroom apartments

- FREE garage - FREE water
- Laundry facility
- Storage • Pet lease

Visit located on home

Equal Housing Opportunity

432-3020

(Hours from 10-5 Friday)

THE CARPET BARGAIN BARN

405 N. Green St.
 Glasgow, KY 651-9928

Mon. - Fri. 8-5, Sat. 9-1

Armstrong	Barber
Vinyl No Wax	Carpet
Reg. 9 th	7 th sq. yd.
Nov. 9 th	

WANT TO BUY

Farms or Acre je South Cent. 41 Kentucky

ANY SIZE

QUICK closings with clear title.

Call Glenn or Ronnie at 270 524-1986

NOTICE

Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunications service in Rural Service Area #5 of the Commonwealth of Kentucky (Willow Shade Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 680 N.C. Hurt Road, Tompkinsville, Kentucky, 42167. Your comments and requests for intervention should be addressed to: Executive Director's Office, Public Service Commission, Post Office, Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602. Please refer to Case No. 2007-90457 in your correspondence.

Behavioral Health Specialist:

Responsible for providing intensive therapy to children in home, school and clinic-based settings. Services are provided in collaboration with primary therapists. Must be able to work flexible hours, able to travel locally, and work evenings and some weekends. Position requires Bachelor's Degree in psychology, social work or a mental health related field and 6 or more months experience working with children.

Apply online at www.hfkskills.com or call 270-901-5000 x1131.

Need phone service?

Wireless service is now available from Bilingual Cellular. There are three and still a \$13.50 monthly program, \$17.50 one-time activation fee and a \$1.50 per minute. The first 30 minutes of the following programs:

- Medical
- Food Service
- Supplemental security income
- Federal Public Housing assistance
- Temporary Assistance to Needy Families (TANF)
- Medicaid
- National School Lunch Program (NSLP)
- National Home Energy Assistance Program (NHEAP)

And you have paid any outstanding balance for telephone services provided to you or any member of your household at your current address.

With the Lifeline 2-1-1 hot line, you could receive quality wireless service from Bilingual Cellular for as little as \$8.50 per month, with a one-time activation fee of only \$17.50 to apply. Visit our local Community Action office or Call Center for help. If you need to ask for a Cardholder for Lifeline/Link-Up form, bring the filled out form to any local Bilingual Cellular Customer Care Center for an associate to assist you with service activation.

Qualifying low-income households are eligible for the program. Contact your local Bilingual Cellular office for more information and to apply for service. Limited time offer. See program details at www.bilingualcellular.com

NEW INDUSTRY MOVING TO GLASGOW is seeking the following temp to hire positions:

Maintenance Craftman - vocational skills such as welding, plumbing, and electrical troubleshooting

General Requirements:

- Must be able to lift 70 lbs.
- Must not be claustrophobic
- Must not have a fear of heights
- Must be able to climb a ladder
- Must be able to pass a pulmonary function test
- Must be able to wear a respirator

Apply with resume to:
Quality Personnel
 204 North Race Street
 Glasgow, KY 42141
 M-F between 8-11 AM and 1-3 PM.

November 21, 2007

Apply Online at www.litescille.com
Call 202-501-5000 x1131

NOTICE

Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio self-communications service in Rural Service Area #5 of the Commonwealth of Kentucky (Willow Shade Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 680 N.E. Hurt Road, Campbellsville, Kentucky 42167. Your comments and requests for intervention should be addressed to Executive Director's Office, Public Service Commission, Post Office Box 110, Louisville, KY 40201. Please refer to the Commission's website at www.psc.state.ky.us for more information.

RENTAL ASSISTANCE AVAILABLE

We offer professional management & maintenance.
All apartments are carpeted, with multi-blinds, central heat & air, and on-site laundry.
Rent is based on income and includes water, garbage and sewer.
Pets welcome

Stop by Edmorton Senior Apartments,
312 Murcie Court, Edmorton, KY
Mon.-Wed. 8 a.m. - 1:30 p.m.
Call 432-3455

Income restrictions apply.




**NOW HIRING!
TECHNICAL SUPERVISOR**

We have an immediate need for a Technical Supervisor to join our staff in the Edmorton KY area. Responsibilities include directing work activities and QC of our technical team. The successful candidate will have supervisory experience, preferably in the cable industry. Our technical team enjoys a comprehensive benefit package to include:

- Company Truck and Tools
- Health Care
- Paid Holiday, Vacation and Sick Time
- Career Advancement Program opportunity
- 401(k) Retirement Plan
- Flexible Spending Account
- Relocation Assistance

High School Diploma or equivalent and satisfactory driving record required.

CALL NOW FOR AN IMMEDIATE INTERVIEW
1-800-899-8028 ext. 284

Pre-employment drug screen and background check required.
MEDACOM IS AN EQUAL OPPORTUNITY EMPLOYER

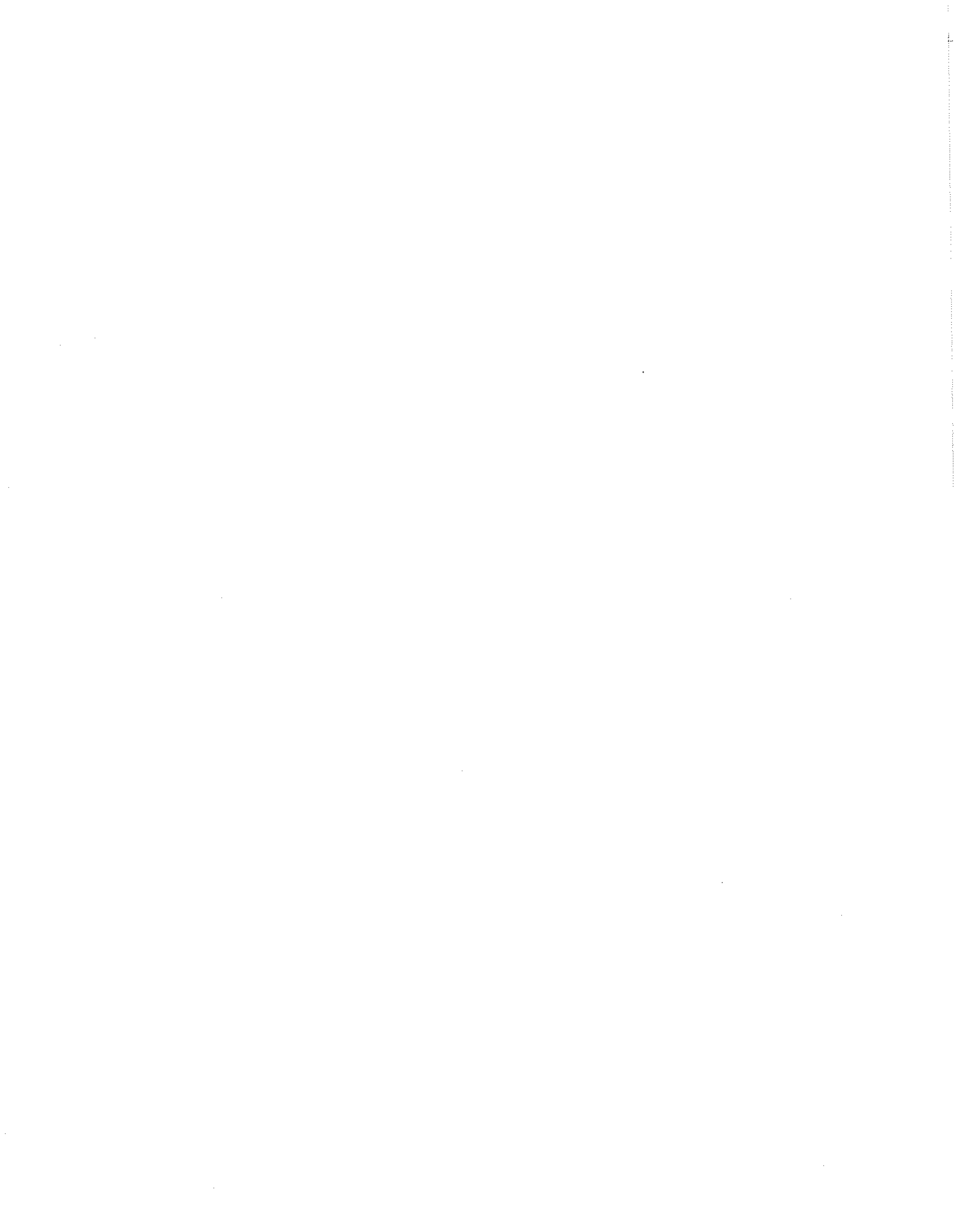
THE HERALD-NEWS

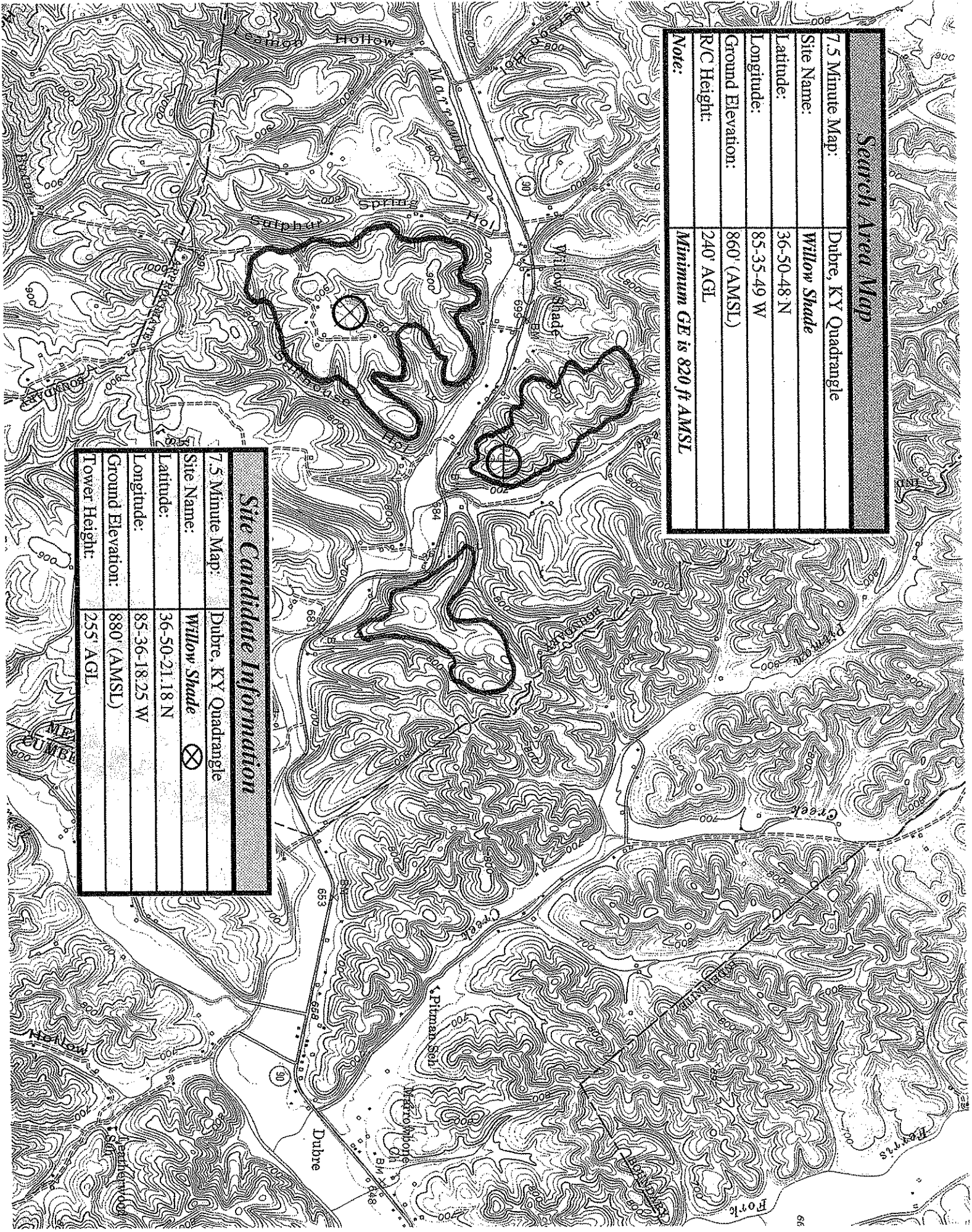
with clear line.
Call Glenn
or Ronnie
(270) 524-1050



Supports
The Kentucky Civil Rights Act prohibits discrimination on the basis of race, color, religion, national origin, sex, marital status, handicap, disability, age (40 or over) in employment, and smoking status in employment.

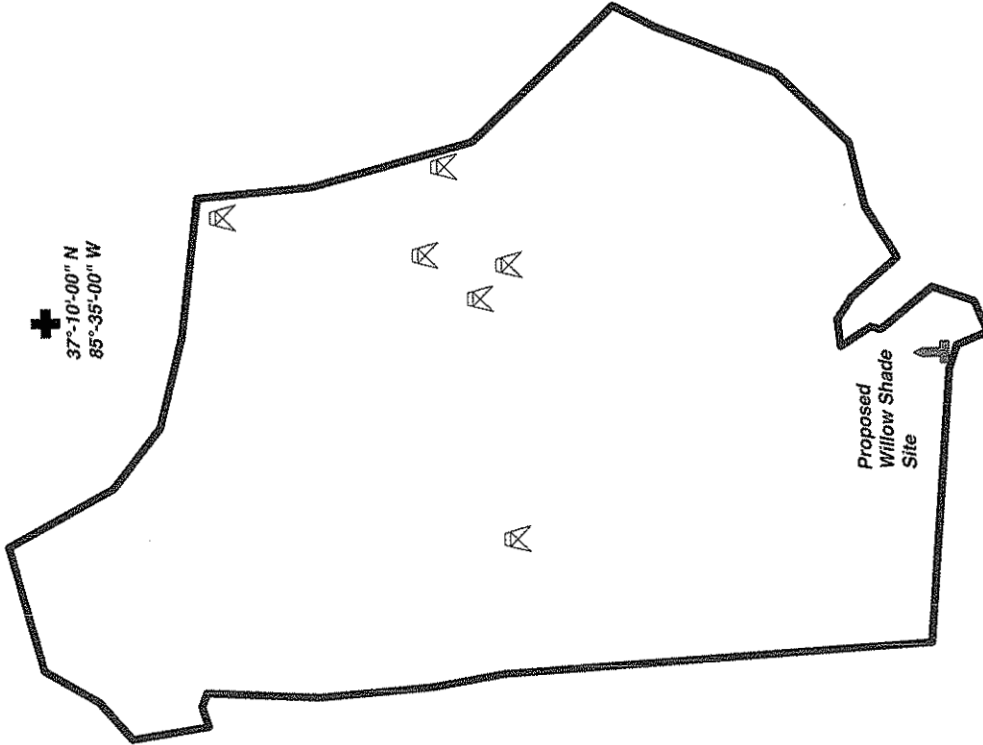
www.wvnews.com









Search Area Map	
7.5 Minute Map:	Dubre, KY Quadrangle
Site Name:	Willow Shade
Latitude:	36-50.48 N
Longitude:	85-35.49 W
Ground Elevation:	860' (AMSL)
R/C Height:	240' AGL
Note:	Minimum GE is 820 ft AMSL

Site Candidate Information	
7.5 Minute Map:	Dubre, KY Quadrangle
Site Name:	Willow Shade ⊗
Latitude:	36-50.21.18 N
Longitude:	85-36-18.25 W
Ground Elevation:	880 (AMSL)
Tower Height:	255' AGL



$37^{\circ}-00'-00''$ N
 $85^{\circ}-50'-00''$ W

	Metcalfe County Boundary
	Wireless Tower Location Registered with the FCC
	Proposed Tower Location
	Tick Marks

Prepared By: LINGS Engineering 10/23/2007

***Information on Towers Registered with the FCC
in Metcalfe County and 1/2 Mile Area Outside of the County Boundary***

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1007823	37-00-20	85-34-34	Edmonton, KY	Global Tower, LLC
1043059	36-59-41	85-33-38	Edmonton, KY	CUMBERLAND CELLULAR PARTNERSHIP DBA = BLUEGRASS CELLULAR
1044821	37-06-00	85-32-10.1	Edmonton, KY	KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEM KEWS
1048812	37-01-32	85-33-20	Edmonton, KY	HART COUNTY COMMUNICATIONS INC
1242039	37-02-38.7	85-27-43.8	Edmonton, KY	Cumberland Cellular Partnership d/b/a Bluegrass Cellular
1248189	36-59-35.6	85-46-20.7	Glasgow, KY	Diamond Tower, LLC
1252327	36-59-37.7	85-41-15.5	Edmonton, KY	Shared Sites, L.L.C.
1252869	37-01-4.3	85-30-53.1	Edmonton, KY	Shared Sites, LLC