COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF BLUEGRASS WIRELESS LLC FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A CELL SITE (NORWOOD) IN RURAL SERVICE AREA #6 (PULASKI) OF THE COMMONWEALTH OF KENTUCKY

CASE NO 2006-00140

MAY 0 3 2005

PUBLIC SERVICE COMMISSION

<u>APPLICATION FOR A CERTIFICATE</u> OF PUBLIC CONVENIENCE AND NECESSITY (NORWOOD)

Bluegrass Wireless LLC ("Bluegrass Wireless"), through counsel, pursuant to KRS 278.020 and 278.040, hereby submits this application for a certificate of public convenience and necessity to construct a cell site to be known as the Norwood cell site in and for rural service area ("RSA") #6 of the Commonwealth of Kentucky, namely the counties of Boyle, Casey, Garrard, Laurel, Lincoln, Madison, Pulaski, and Rockcastle, Kentucky.

1. As required by 807 KAR 5:001 Sections 8(1) and (3), and 807 KAR 5:063, Bluegrass Wireless states that it is a Kentucky limited liability company whose full name and post office address are: Bluegrass Wireless LLC, 2902 Ring Road, Elizabethtown, Kentucky, 42701.

2. Pursuant to 807 KAR § 1 (1)(b), a copy of the applicant's applications to the Federal Aviation Administration and Kentucky Airport Zoning Commission are Exhibit "A". Written authorizations from these agencies will be supplied to the Commission upon their approval.

3. Pursuant to 807 KAR 5:063 §1(1)(d), a geotechnical investigation report, signed and sealed by a professional engineer registered in Kentucky, that includes boring logs, foundation design recommendations, and a finding as to the proximity of the proposed site to flood hazard areas is Exhibit "B".

4. Pursuant to 807 KAR 5:063 §1(1)(e), clear directions from the county seat to the proposed site, including highway numbers and street names, if applicable, with the telephone number of the person who prepared the directions are Exhibit "C".

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 Norwood cell site. The President of Bluegrass Cellular Inc., Mr. Ron Smith, is ultimately responsible for all construction and operations of the cellular system of Bluegrass Wireless, of which system the Norwood cell site will be a part. Bluegrass Cellular Inc. provides management services to Bluegrass Wireless 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 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

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requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of his 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 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 Pulaski 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.

Pursuant to 807 KAR 5:063 §1(1)(o), a copy of the notice sent to the Pulaski 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 "*Bluegrass Wireless, LLC 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 "*Bluegrass Wireless, LLC 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"

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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 Science Hill, Kentucky.

21. Pursuant to 807 KAR 5:063 §1(1)(s), Bluegrass Wireless 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. Bluegrass Wireless 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 Bluegrass Wireless 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 Dinsmore & Shohl LLP 1400 PNC Plaza 500 West Jefferson Street Louisville, KY 40202 (502) 540-2300 john.selent@dinslaw.com WHEREFORE, Bluegrass Wireless requests the Commission to enter an order:

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

Respectfully submitted,

John E. Selent

DINSMORE & SHOHL, LLP 1400 PNC Rlaza 500 West Jefferson Street Louisville, KY 40202 (502) 540-2300 (502) 540-2207 john.selent@dinslaw.com

105734v1 33597-11

Notice of Proposed Construction or Alteration (7460-1)

Page 1 of 1

Notice of Proposed Construction or Alteration (7460-1)

Project Name: BLUGR-000037420-06 Sponsor: Blugrass Cellular, Inc.

Details for Case : Norwood Show Project Summary **Case Status** ASN: 2006-ASO-2043-OE Date Submitted: 03/31/2006 Date Accepted: 03/31/2006 Status: Accepted **Date Determined:** Letters: None **Construction / Alteration Information** Structure Summary Notice Of: Construction Structure Name: Norwood Duration: Structure Type: Antenna Tower Permanent Other : if Temporary : Months: Days: Work Schedule - Start: 04/20/2006 FCC Number: Work Schedule - End: Prior ASN: 04/26/2006 State Filing: Filed with State Structure Details **Common Frequency Bands** Low Freq High Freq Freq Unit ERP ERP Unit 37° 8' 48.85" N Latitude: 1930 1990 MHz 1640 w 84° 37' 25.13" W Longitude: **Specific Frequencies** Horizontal Datum: NAD83 **Horizontal Accuracy:** 1A Site Elevation (SE): 1111 (nearest foot) Structure Height (AGL): 255 (nearest foot) Marking/Lighting: Dual-red and medium intensity Other : **Nearest City:** Somerset Kentucky **Nearest State:** No Traverseway Traverseway: **Description** of Approximately 3.5 miles north Location: of Somerset, KY A tower with top-mounted Description of Proposal: antennas for overall height of 255'

Norwood JJ



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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 B. LYNN F. RATNAVALE* TODD SLAMOWITZ* STEVEN M. CHERNOFF*

CONSULTING ENGINEERS ALI KUZEHKANANI LEROY A. ADAM LEILA REZANAVAZ SUMEET K. BHALOTIA

OF COUNSEL JOHN J. MCAVOY* J.K. HAGE III* LEONARD S. KOLSKY* HON. GERALD S. MCGOWAN* TAMARA DAVIS-BROWN*

*NOT ADMITTED IN VA

March 31, 2006

Telephone (703)584-8668 FACSIMILE (703) 584-8692

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 (Norwood) near Somerset, Kentucky. The Structure 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 copy of the 1A Certification survey.

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

Sincerely, Leila Rezenavez **Consulting Engineer**

Enclosures

CC: Scott McCloud

- INSTRUCTIONS ON REVERSE SIDE OF FORM -	TC 56-50 (Rev. 08/00) PAGE 1 OF 2
Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 H	olmes Street, Frankfort KY 40622 Kentucky Aeronautical Study Number
APPLICATION FOR PERMIT TO CONSTRUCT OR	ALIERASIROCIORE
1. APPLICANT - Name, Address, Telephone, Fax, etc.	9. Latituda: <u>37 ° 8 ' 48 . 85</u> "
Scott McCloud	10. Longituda: 84
Bluegrass Cellular	
2902 Ring Road	11. Datum: 🖾 NAD 83 🗖 NAD 27 🗍 Other
Elizabethtown, KY 42702	12. Nearest Kentucky City <u>Somerset</u> County- <u>Pulaski</u>
Tel: 270-769-0339 Fax: 270-737-0580	
	13. Nearest Kentucky public use or Military airport:
2. Representative of Applicant - Name, Address, Telephone, Fax	Somerset-Pulaski County Airport
Leila Rezanavaz	14. Distance from #13 to Structure:6.5 miles
Lukas, Nace, Gutierrez & Sachs, Chartered	
1650 Tysons Blvd., Suite 1500	15. Direction from #13 to Structure:
McLean, VA 22102	16. Site Elevation (AMSL): <u>1111</u> Feet
T: 703-584-8668	17. Total Structure Height (AGL): 255Feet
3. Application for. X New Construction Alteration Existing	18. Overall Height (#16 + #17) (AMSL): <u>1366</u> Feet
4. Duration: Permanent Temporary (MonthsDays)	19. Previous FAA and/or Kentucky Aeronautical Study Number(s):
5. Work Schedule: Start <u>4/20/06</u> End <u>4/26/06</u>	N/A
6. Type: Antenna Tower C Crane Building Power Line	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)
7. Marking/Painting and/or Lighting Preferred: Image: Constraint of the state of th	Site is located 3.5 miles north of Somerset, KY
White - High Intensity Other	
8. FAA Aeronautical Study Number <u>2006-ASO-2043-OE</u>	
21. Description of Proposal:	nng for evenall beight of AFFI
Structure: Tower with top-mounted ante	mas for overall height of 255.
Frequency: 1975-1982.5 MHz (Base Trans	mit)
Maximum ERP: 200 Watts	
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 746	0-1) DNo
been filed with the Federal Aviation Administration?	X Yes, When <u>3/31/06</u>
CERTIFICATION: 1 hereby certify that all the above statements made by me are t	rue, complete and correct to the best of my knowledge and belief.
	2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /
Signature Signature	3/31/2006 Date
Printed Name	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). Nor further penalties.	-compliance with Federal Aviation Administration Regulations may result in
Commission Action:	C Administrator, KAZC
	Date

BLUEGRASS CELLULAR 2902 Ring Road Elizabethtown, KY 42702

1A Letter

Date: November 7, 2005 Revision Date: March 29, 2006 FSTAN Project No: 06-3895

Site Name:		Norwood
For Aeronautical	Study No.	
Location:	City County	Norwood, KY Pulaski
U.S.G.S. Quadran	ngle:	Bobtown, KY
(NAD 27)	LATITUDE LONGITUDE	37° 08' 48.57" 84° 37' 25.34"
(NAD 83)	LATITUDE LONGITUDE	37° 08' 48.85" 84° 37' 25.13"
		1111' ± AMSL 240' ± FAA AGL 265' ± FAA AGL 1376' ± AMSL

I Certify, to the best of my knowledge and belief, that the horizontal and vertical datum as established from the referenced U.S.G.S. Quadrangle, Bobtown, is accurate to 1A Reporting requirements of \pm 20 feet horizontally and \pm 3 vertically.

The horizontal datum (coordinates) are in terms of the North American Datum of 1927 (NAD 27) and 1983 (NAD 83) and expressed as degrees, minutes and seconds.

The vertical datum (heights) are in terms of the National Geodetic Vertical Datum of 1988 and are determined to the nearest foot.

Kentucky State Plane Coordinates (South Zone) were established with Trimble Global Positioning Systems (GPS) receivers. This site has ties to the National Geodetic Reference System established by the National Geodetic Survey, formerly the U.S. Coast & Geodetic Survey by measurements to PID Station "GZ2627", designated as "SOMERPORT".

STATE OF KENTUR FRANK L. SELLINGER #3282	XY I
LICENSED PROFESSIONA LAND SURVEYO	

CONSULTAN

Frank L. Sellinger II, P.L.S. No. 3282 FSTAN Land Surveyors and Consulting Engineers 2313/2315 Crittenden Drive, Louisville, Ky. 40217 Phone: 502-635-5866 Fax: 502-636-5263



BLUEGRASS CELLULAR 2902 Ring Road Elizabethtown, KY 42702

1A Letter

Date: November 7, 2005 Revision Date: March 29, 2006 FSTAN Project No: 06-3895

Site Name: Norwood For Aeronautical Study No. Norwood, KY Location: City Pulaski County U.S.G.S. Quadrangle: Bobtown, KY (NAD 27) LATITUDE 37° 08' 48.57" LONGITUDE 84° 37' 25.34" (NAD 83) 37° 08' 48.85" LATITUDE 84° 37' 25.13" LONGITUDE SITE ELEVATION (NAVD 88) $1111' \pm AMSL$ PROPOSED TOWER HEIGHT 240' ± FAA AGL TOWER HEIGHT WITH ANTENNA 265' ± FAA AGL OVERALL HEIGHT ELEVATION 1376' ± AMSL

I Certify, to the best of my knowledge and belief, that the horizontal and vertical datum as established from the referenced U.S.G.S. Quadrangle, Bobtown, is accurate to 1A Reporting requirements of \pm 20 feet horizontally and \pm 3 vertically.

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STATE OF KENTUCKY FRANK L. SELLINGER #3282 LICENSED PROFESSIONAL LAND SURVEYOR

CONSULTANT

Frank L. Sellinger II, P.L.S. No. 3282 FSTAN Land Surveyors and Consulting Engineers 2313/2315 Crittenden Drive, Louisville, Ky. 40217 Phone: 502-635-5866 Fax: 502-636-5263



Kentucky Airport Zoning Commission 200 Mero Street Frankfort, KY 40622

(502) 564-4480 fax: (502) 564-7953 No.: AS-100-SME-06-058

AERONAUTICAL STUDY OF PROPOSED CONSTRUCTION OR ALTERATION

April 17, 2006

BLUEGRASS CELLULAR SCOTT MCCLOUD 2902 RING ROAD Elizabethtown, KY 42702

CONSTRUCTION LOCATION LATITUDE/LONGITUDE HEIGHT (In Feet) CONSTRUCTION PROPOSED Somerset, KY 37-08-48.85 N / 84-37-25.13 W 255'AGL/1366'AMSL Antenna Tower

An application has been filed with the Kentucky Airport Zoning Commission for a permit to construct or alter the above described structure. Accordingly, the Kentucky Airport Zoning Commission is conducting an aeronautical study of the proposal to determine its effect upon the safe and efficient use of navigable airspace by aircraft and on the operation of air navigation facilities.

In the study, consideration will be given to all facts relevant to the effect of the structure on the safety of airport users and surface persons and property; the character of the flying operations conducted at the airport; the nature of the terrain; the height of existing structures and trees above the level of the airport, the views of the officials of the Federal Aviation Administration as to the safe approaches required for operations of the airport, the future development of the airport including extension to runways that may be required; the interest of the public in developing a sound public transportation system and the views and opinions of those owning the land in the area.

Interested persons are invited to participate in the aeronautical study by submitting written comments to the Administrator of the Kentucky Airport Zoning Commission. To be eligible for consideration, comments must be relevant to the effect of the proposed construction with the consideration set out above. The comments should provide sufficient details to permit a clear understanding, and be received before May 10, 2006. Please refer to the Aeronautical Study Number printed in the upper right hand corner of this notice.

The antenna tower will be located 5.2 NM north of the Somerset-Pulaski County Airport. Preliminary review indicates this structure exceeds no state obstruction standards. Obstruction lighting is proposed.

CHAIRMAN, SOMERSET-PULASKI COUNTY AIRPORT BOARD SOMERSET PLANNING & ZONING COMMISSION JUDGE/EXECUTIVE, PULASKI COUNTY AIRPORT MANAGER, SOMERSET-PULASKI COUNTY AIRPORT MAYOR, CITY OF SOMERSET

John Houlihan, Administrator



Eastpointe Engineering Group, LLC	^{rob:} Ell Job # 2121Norwood 2
4020 Tull Ave	Project: 240' SST/Pulaski County, KY
Muskogee, OK	Client: Bluegrass Cellular Drawn by: Johnny L. Rhodes, PE App'a
Phone: 918 683,2169	Code: TIA/EIA-222-F Date: 04/28/06 Scale: NTS
FAX: 918,682.7618	Path Complete recommendation Departments/4mm



Eastpointe Engineering Group, LLC	^{Job} Ell Job # 2121Norwood
AD20 Tull Ave	Project: 240' SST/Pulaski County, KY
Muskogee, OK	Client: Bluegrass Cellular Drawn by: Johnny L. Rhodes, PE App'd:
Phone: 918.683.2169	Code: TIA/EIA-222-F Date: 04/28/06 Scale: NTS
FAX: 918.682.7618	Path: Civig No E-7

DRILLED PIER FOUNDATION DESIGN



Supplemental Notes

Soil values obtained from Terracon soils report #57057364G dated 04/06/06

EASTPOINTE ENGINEERING GROUP, LLC	Client:	Bluegrass Cellular		
4020 Tull Ave. Muskogee, OK 74403Phone 918.683.2169Pax:918.682.7618	Site:	Norwood	2	
	Job:	2121	Drawn by:	JLR
	Scale:	NTS	Date:	04/28/06

GEOTECHNICAL ENGINEERING REPORT

PROPOSED NORWOOD 2 COMMUNICATION TOWER 74 REID MILL ROAD SOMERSET, KENTUCKY

TERRACON PROJECT NO.: 57067364G April 6, 2006

Prepared For:

BLUEGRASS CELLULAR PARTNERSHIP Elizabethtown, Kentucky

Prepared by:

lerracon

Louisville, Kentucky

lerraco

Form 101-1-87

April 6, 2006



Bluegrass Cellular Partnership 2902 Ring Road Elizabethtown, Kentucky 42702

Attention: Doug Updegraff

Re: Geotechnical Engineering Report Proposed Norwood 2 Communication Tower 74 Reid Mill Road Somerset, Kentucky Terracon Project No. 57067364G

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 foundations for the proposed tower.

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,

Jonny Suest Cogar Shaikh Z. Rahman, Ell Staff Engineer HOEHLER Erich J. Hoehler, PEE 24513 Kentucky No. 24513 ood\57067364G.doc n:\projects\2006\towers\57067

Attachments: Geotechnical Engineering Report

Copies: (4) Addressee

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

Jackin Millign

Timothy G. LaGrow, P.E.

Regional Manager

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APPENDIX

Boring Location Plan Boring Log Soil Resistivity Test Results Sheets General Notes General Notes – Sedimentary Rock Classification Unified Soil Classification System

GEOTECHNICAL ENGINEERING REPORT

PROPOSED NORWOOD 2 COMMUNICATION TOWER 74 REID MILL ROAD SOMERSET, KENTUCKY TERRACON PROJECT NO.: 57067364G April 6, 2006

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 25½ 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. Terracon performed a geotechnical study in November 14, 2006 for the original tower location. Since that time, the proposed tower location has been moved about 600 feet to the north from its original location. 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. At the time of our site visit, the property was a moderately sloping pasture with about 14 feet of elevation relief. Existing grades within the 100-foot by 100-foot tower leasehold area reportedly vary between El. 1103 to El. 1117. Based on the observed topography and proposed construction, about 8 feet of cut/fill is anticipated.

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 25½ feet below existing grade. The boring was advanced at the center of the proposed tower, staked by the project surveyor. The ground surface elevation shown on the boring log was interpolated from the contours on the provided drawings. The location and elevation of the boring should be considered accurate only to the degree implied by the

llerracon

Proposed Norwood 2 Communication Tower Somerset, Kentucky Terracon Project No.: 57067364G April 6, 2006

means and methods used to define them. The approximate tower location is shown on the enclosed Boring Location Diagram.

The boring was drilled with an ATV-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 ASTM 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 8 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) was 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:

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

Table 1 – Rock Quality Designation (RQD)

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

Terracon

Proposed Norwood 2 Communication Tower Somerset, Kentucky Terracon Project No.: 57067364G April 6, 2006

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. A calibrated hand penetrometer was used to estimate the approximate unconfined compressive strength of the samples. The calibrated hand penetrometer has been correlated with unconfined compression tests and provides a better estimate of soil consistency than visual examination alone. 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.

In general our boring encountered about ½ foot of topsoil over fat clay (CH) extending to auger refusal at about 8 feet below grade. The clay exhibited a stiff consistency based on SPT N-Values in the range of 10 to 14 blows per foot (bpf).

Below a depth of about 8 feet, rock coring techniques were employed to sample the refusal materials. Based on the recovered core samples, it appears that the initial auger refusal occurred on a 3-foot thick limestone boulder or ledge overlying residual clay. Relatively

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Terracon

continuous bedrock was encountered at a depth of about 15 ½ feet below grade. The core samples collected below that depth consist of slightly weathered, hard, close to moderately close jointed limestone. Core recovery was 100 percent. Bedrock quality is considered good as defined by an RQD value of 83 percent. Considering the competent nature of the bedrock, coring operations were terminated at a depth of approximately 25 ½ feet below existing grade.

4.2 Site Geology

Based on a review of the Bobtown, Kentucky Geologic Quadrangle Map (1973), the site is underlain by Saint Louis Limestone. The Saint Louis Limestone is comprised of limestone, claystone and siltstone. The limestone is light-olive gray, fine-grained and medium-bedded. The claystone and siltstone are light-olive gray and greenish gray interbedded within the limestone. This formation can be from 70 to 110 feet thick.

It should be noted that the site is underlain by a limestone formation that is highly susceptible to dissolution along joints and bedding planes in the rock mass. This results in voids and solution channels within the rock strata and a highly irregular bedrock surface. The weathering of the bedrock and subsequent collapse or erosion of the overburden into these openings results in what is referred to as a karst topography. Any construction in karst topography is accompanied by some degree of risk for future internal soil erosion and ground subsidence that could affect the stability of the proposed structures. Our review of the available topographic and geologic mapping indicated a few closed depressions within a 1 mile radius of the property that may be karst related. However, the boring drilled at the site did not disclose any obvious signs of impending overburden collapse.

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.

It should be recognized that fluctuations of the groundwater table may occur due to seasonal variations in the amount of rainfall, runoff and other factors not evident at the time the boring was performed. Therefore, groundwater levels during construction or at other times in the life of the structure may be higher or lower than the levels indicated on the boring log. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

4

5.0 ENGINEERING RECOMMENDATIONS

Based on the encountered subsurface conditions, the proposed tower can be either founded on drilled piers or on a mat foundation. The equipment building may be supported on shallow spread footings. Design recommendations for the tower drilled piers and mat foundation as well as shallow footings for the equipment building are presented in the following paragraphs.

5.1 Tower Foundation

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

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion Lateral (psf) Subgrade Modulus (pci)		Strain, & ₅₀ (in/in)
0 - 3	Topsoil and Fat Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 151/2	Fat Clay	425	3,000	1,500	0	1,500	125	0.007
15½ - 25½	Competent Limestone	7,500***	40,000	15,000***	0	150,000***	3,000	0.00001

Table 2 - Drilled Pier Foundation Design Parameters

* Pier inspection is recommended to adjust pier length if variable soil/rock conditions are encountered. Considering the presence of limestone ledge or boulder in Boring B-1, and the reported geology, we expect significant variation in the depth to competent limestone between piers.

** A total unit weight of 120 and 160 pcf can be estimated for the fat clay and limestone, respectively.

*** The pier should be embedded a minimum of 3 feet into competent 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 competent 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 using the above parameters is not anticipated to exceed 1 inch.

The upper 3 feet of topsoil and fat 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

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pier length and minimum competent rock socket length be stated on the design drawings. Competent rock was encountered in our boring below a depth of about 15½ feet, but could vary between tower legs, or if the tower is moved from the location of our boring, or if significant grade changes occur at the site. Considering the site geology, variable rock depths should be anticipated between the piers and if the tower location is moved from the location of our boring. If the tower center is moved more than 25 feet, our office should be notified to review our 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.

Depth (feet)	Description	Allowable Contact Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Coefficient of Friction, Tan δ	Vertical Modulus of Subgrade Reaction (pci)
0 - 3	Topsoil and Silty Clays	Ignore	Ignore	s.,	
≥3	Fat Clay or Crushed Stone Fill	3,000	lgnore	0.35	125

Table 3 - Mat Foundation Design Parameters

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.

Tower Foundations General: A site grading plan was not available at the time of this report, however based on the existing site grades we have anticipated that cuts and/or fills of up to 8 feet may be required to reach the planned site grades. The design parameters, depths and anticipated total and differential settlements presented for the drilled piers and mat foundations do not take into account the effects of significant cuts or fills that may occur prior to tower construction. The recommendations may need to be revised based on the final site grading plan. Therefore, a final site grading plan should be forwarded to Terracon prior to tower construction. At that time, we will review the drawings and provide any additional recommendations required.

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 2,000 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 1.5 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 2.0 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

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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 fat clays do not meet these requirements and therefore are considered not suitable for reuse 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 3 traverses located along the perimeter and diagonally across the staked tower compound. Individual resistivity values at 5, 10, 15, 20, 30, 40, 80 and 100 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

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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, between tower legs, 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.

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 BOF	RING	NC). E	3-1					Pa	age 1 of 1		
CL	ENT												
	Bluegrass Cellular SITE Reid Road				PROJECT								
511		PROJECT											
	Somerset, Kentucky	Norwood 2 Telecommunication Tower SAMPLES TESTS									ver		
									[TESTS			
CRAPHIC LOG	DESCRIPTION Approx. Surface Elev.: 1111.0 ft	DEPTH, ft.	USCS SYMBOL	NUMBER	ТҮРЕ	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	Atterberg Limits		
	0.3 <u>TOPSOIL</u> /-1110.5		1										
	FAT CLAY, brown to reddish brown, stiff, moist		СН	1	SS	18	11	28		5500*			
			СН	2	SS	18	10	26		7000*	LL = 60 PL = 28		
	Auger Refusal at 8.0 feet, Began Coring		СН	3	SS	18	14	29		7000*	PI = 32		
	<u>Auger Neusal at 0.0 leet, began coming 1103</u> <u>LIMESTONE</u> , slightly weathered, close to moderately close jointed, gray to dark gray,			4	DB	67%	RQD 76%						
	hard 1100	10	-										
	soil seam from 11.0 to 15.5 feet			5	DB	0%	RQD 0%						
	15.51095.5	15—											
	LIMESTONE, slightly weathered, close to moderately close jointed, gray to dark gray, hard			6	DB	100%	RQD 83%						
	partially weathered shale seam at 16.0 to 20.0 feet	20-											
1.GDT 4/7/06													
ģ 🖵	<u>25.5</u> <u>1085.5</u>	25			ļ								
BOREHOLE 99 57067364G LOGS A GPU TERRACON GDT The Apart And Apart And Apart Ap	Boring Terminated at 25.5 feet												
ດ ປັ່ງ ໄປ ໄດ້	stratification lines represent the approximate boundary lines veen soil and rock types: in-situ, the transition may be gradual.									* [Pocket Penn.		
e70673	TER LEVEL OBSERVATIONS, ft				T	BOR	ING ST	TARTE	ED		3-21-06		
WL VL V WL VL V VL VL V VL V							3-21-06						
g WL	Σ <u>Σ</u> ICΓ	٢) ا	_C		1	RIG		ME-5	T	OREMA			
WL	Dry Upon Auger Completion				- f		ROVE				7067364G		



Project: Project No.: Perfomed By: Checked By:

Norwood II	
57067364G	
EM	
EJH	

Soil Resistivity

ASTM G57 Test Method for Field Measurement of Soil Resistivity Using Wenner Four - Electrode Method

At-Grade Measurements (equal rod spacing)

	Depth of	Electrode S	pacing from	Resistanc	e (ohms)	
	Interest	Center (feet)		Dial	Range	Resistivity
Location	(feet)	Inner	Outer	Reading	Switch	(ohm-cm)
	5	2.5	7.5	5.8	1.0	5554
	10	5	15	3.2	1.0	6128
	15	7.5	22.5	2.5	1.0	7181
	20	10	30	2.0	1.0	7660
A- A'	30	15	45	1.7	1.0	9767
	40	20	60	1.6	1.0	12256
	60	30	90			
	80	40	120	1.1	1.0	16852
	100	50	150	10.3	0.1	19725
· · · · · · · · · · · · · · · · · · ·	5	2.5	7.5	6.4	1.0	6128
	10	5	15	3.3	1.0	6320
	15	7.5	22.5	2.3	1.0	6607
	20	10	30	2.0	1.0	7660
B-B'	30	15	45	1.7	1.0	9767
	40	20	60	1.4	1.0	10724
	60		90			
	80	40	120	1.0	1.0	15320
	100	50	150	10.4	0.1	19916

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

Equipent Usage: Nilsson Soil Resistance Meter - Model 400



Checked By:

Norwood II	
57067364G	
EM	
EJH	

Soil Resistivity

ASTM G57 Test Method for Field Measurement of Soil Resistivity Using Wenner Four - Electrode Method

At-Grade Measurements (equal rod spacing)

	Depth of	Electrode Spacing from		Resistanc	e (ohms)	
	Interest	Cente	Center (feet)		Range	Resistivity
Location	(feet)	Inner	Outer	Reading	Switch	(ohm-cm)
	5	2.5	7.5	8.9	1.0	8522
	10	5	15	3.4	1.0	6511
	15	7.5	22.5	2.3	1.0	6607
	20	Loss and the second sec	30	1.8	1.0	6894
C- C'	30	15	45	1.6	1.0	9192
	40	20	60	1.8	1.0	13788
	60	30	90			
	80	40	120	0.9	1.0	13788
	100	50	150	0.7	1.0	13405
	5	2.5	7.5			
	10	5	15			
	15	7.5	22.5			
	20	10	30			
	30	15	45			
	40	20	60			
	60	30	90			
	80	40	120			
L	100	50	150			

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

Equipent Usage: Nilsson Soil Resistance Meter - Model 400

Additional Notes:

GENERAL NOTES

DRILLI	NG & 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</u> Compressive	<u>Standard</u> <u>Penetration or</u> <u>N-value (SS)</u>	
Strength, Qu, psf	Blows/Ft.	Consistency
< 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 PROPORTIONS OF SAND AND GRAVEL

RELATIVE DENSITY OF COARSE-GRAINED SOILS

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

Relative Density Very Loose Loose Medium Dense

Dense Very Dense

GRAIN SIZE TERMINOLOGY

<u>Descriptive Term(s) of other</u> <u>constituents</u>	<u>Percent of</u> Dry Weight	<u>Major Component</u> <u>of Sample</u>	Particle Size		
Trace With Modifier	< 15 15 – 29 > 30	Boulders Cobbles Gravel Sand	Over 12 in. (300mm) 12 in. to 3 in. (300mm to 75 mm) 3 in. to #4 sieve (75mm to 4.75 mm) #4 to #200 sieve (4.75mm to 0.075mm)		
RELATIVE PROPORTIONS	OF FINES	Silt or Clay	Passing #200 Sieve (0.075mm)		
Descriptive Term(s) of other	Percent of	PLASTICITY DESCRIPTION			
<u>constituents</u>	<u>Dry Weight</u>	Term	Plasticity Index		
Trace	< 5	Non-plast			
With Modifiers	5 – 12 > 12	Low Mediun	1-10		
Modifield	- 12	High	n 11-30 30+		



GENERAL NOTES

Description of Rock Properties

WEATHERING					
Fresh	Rock fresh, crystals br	ight, few joints may show slight staining. I	Rock rings under hammer if crystalline.		
Very slight		y fresh, joints stained, some joints may show thin clay coatings, crystals in broken face show ngs under hammer if crystalline.			
Slight		oints stained, and discoloration extends into rock up to 1 in. Joints may contain clar e occasional feldspar crystals are dull and discolored. Crystalline rocks ring under			
Moderate		of rock show discoloration and weathering effects. In granitoid rocks, most feldspars some show clayey. Rock has dull sound under hammer and shows significant loss or with fresh rock.			
Moderately severe		discolored or stained. In granitoid rocks, a ock shows severe loss of strength and car	all feldspars dull and discolored and majority to 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		rock except quartz discolored or stained. Rock "fabric" discernible, but mass effectively reduced to "so n only fragments of strong rock remaining.			
Complete		duced to "soil". Rock "fabric" not discernible or discernible only in small, scattered locations. Quartz present as dikes or stringers.			
HARDNESS (for en	gineering description o	f rock – not to be confused with Moh's	scale for minerals)		
Very hard	Cannot be scratched v geologist's pick.	vith knife or sharp pick. Breaking of hand	specimens requires several hard blows of		
Hard	Can be scratched with specimen.	knife or pick only with difficulty. Hard blo	w of hammer required to detach hand		
Moderately hard		knife or pick. Gouges or grooves to ¼ in ick. Hand specimens can be detached by			
Medium		uged 1/16 in. deep by firm pressure on kr 1-in. maximum size by hard blows of the l	ife or pick point. Can be excavated in small 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	Very soft Can be carved with knife. Can be excavated readily with point of pick. Pieces 1-in. or more in thickness be broken with finger pressure. Can be scratched readily by fingernail.				
	Joir	t, Bedding and Foliation Spacing in R	ock ^a		
	Spacing	Joints	Bedding/Foliation		
	than 2 in.	Very close	Very thin		
2 in1 ft		Close	Thin		

Less than 2 in. Very close		lose Ve		Very thin	
2 in. – 1 ft. Close				Thin	
1 ft. – 3 ft. Modera		ately close Med		Medium	
3 ft. – 10 ft.		Wide	Thick		Thick
More than 10 ft.		Very w	<i>i</i> ide	Very thick	
Rock Quality Designator (RQD) ^b		(RQD) ^b	Joint Openness Descriptors		ss Descriptors
RQD, as a percentage	RQD, as a percentage Diagnostic description		Openness		Descriptor
Exceeding 90	Excelle	nt	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 po	or	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. <u>Subsurface Investigation for Design</u> <u>and Construction of Foundations of Buildings.</u> New York: American Society of Civil Engineers, 1976. U.S. Department of the Interior, Bureau of Reclamation, <u>Engineering Geology Field Manual</u>.


UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria f	for Assigning Group Symbo	ds and Group Names Usin	g Laboratory Tests ^A			Soil Classification
					Group Symbol	Group Name ⁸
Coarse Grained Soils	Gravels	Clean Gravels	Cu ≥ 4 and 1 ≤ Cc ≤ 3 ^ε		GW	Well-graded gravel ^F
More than 50% retained	More than 50% of coarse fraction retained on	Less than 5% fines ^c	Cu < 4 and/or 1 > Cc > 3 ^E		GP	Poorly graded gravel ^F
on No. 200 sieve	No. 4 sieve		Fines classify as ML or MH		GM	Silty gravel ^{F.G, H}
		than 12% fines ^c	Fines classify as CL or CH		GC	Clayey gravel ^{F.G.H}
	Sands	oloan oanao	Cu ≥ 6 and $1 \le Cc \le 3^{E}$		SW	Well-graded sand
	50% or more of coarse Less fraction passes	Less than 5% fines ^o	Cu < 6 and/or 1 > Cc > 3 ^E		SP	Poorly graded sand
	No. 4 sieve Sands	Sands with Fines	Fines classify as ML or MH		SM	Silty sand ^{G,H,I}
		More than 12% fines ^o	Fines Classify as CL or CH		SC	Clayey sand ^{G,H,I}
Fine-Grained Solls	Silts and Clays inorganic		PI > 7 and plots on or above "	A" line ^J	CL	Lean clay ^{K,L,M}
50% or more passes the No. 200 sieve	Liquid limit less than 50		PI < 4 or plots below "A" line ¹		ML	Sill ^{K,L,M}
140, 200 SIEVE		organic	Liquid limit - oven dried	< 0.75 OL	Organic clay ^{KL,M,N}	
			Liquid limit - not dried		Organic silt ^{K,L,M,O}	
		inorganic	PI plots on or above "A" line		СН	Fat clay ^{K,L,M}
	Liquid limit 50 or more		PI plots below "A" line		мн	Elastic Silt ^{K,L,M}
		organic	Liquid limit - oven dried	< 0.75	ОН	Organic clay ^{KLMP}
			Liquid limit - not dried	< 0.75 OH		Organic sill ^{KL,MQ}
Highly organic soils	Prima	rily organic matter, dark in co	olor, and organic odor		PT	Peat

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

- ^B If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.
- ^C Gravels 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.
- ^D Sands 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

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

^F If 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.
- ¹ If soil contains \geq 15% gravel, add "with gravel" to group name.
- ^J If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.
- ^K If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.
- $^{\text{L}}$ If 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.
- ^oPI < 4 or plots below "A" line.
- ^PPI plots on or above "A" line.
- ^QPI plots below "A" line.



BLUEGRASS

APPROVAL SIGNATURES		
BLUEGRASS_CELLULAR CONSTRUCTION_SUPERVISOR:	SITE NAME:	NORWOOD
<u>DATE:</u>		
CITY REPRESENTATIVE:	911 ADDRESS:	74 REID MILL RD.
<u>TITLE:</u>		
<u>DATE:</u>		SCIENCE HILL, KY. 42553
PROPERTY OWNER/OWNERS:		
DATE:	COUNTY:	PULASKI
TOWER OWNER/OWNERS:		
 DATE:	TOWER LA	ATITUDE & LONGITUDE

E & LONGITUDE

N 37* 08' 48.85" W 84* 37' 25.13"

SHEET INDEX					
SHEET NO.	DESCRIPTION	REVISION			
TITLE SHEET SURVEY	TITLE SHEET SURVEY				
A-1	SITE PLAN				
A-2 ANTENNA DETAILS 1	FENCE DETAILS ANT.SPECS/TOWER ELEV.				
ANTENNA DETAILS 2 E-1	ANTENNA DETAILS 2 SITE PLAN - ELECTRICAL				
E-2	ELECTRICAL DETAILS				
LYNCOLE GROUNDING E-3	LYNCOLE GROUNDING ELEC. PLAN - GROUNDING				
E-4 S-1	GROUNDING DETAILS FOUNDATION DETAILS				
GENERATOR DETAIL	GENERATOR DETAIL				
GENERAL NOTES	GENERAL NOTES				





(IN FEET) SCALE: 1" = 80'

SURVEYORS NOTES

Source of Bearing IS A G.P.S. Observation on october 17, 2005.

site shown subject to right of whys and easements shown HEREON OR NOT.

NO SEARCH OF PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM to determine any defects and/or ambiguities in the title o THE PARENT TRACT.

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

EXISTING CONTOURS ARE AT ONE FOOT INTERNALS.

RNEY: UNHQUUSTED TRAVERSE CLOSURE BETTER THAN 1 IN 10,000.	DEED
RTIES INTERESTED IN TITLE TO PREMISES SURVEYED while that this plat and survey were made under my , and that the angular and linear measurements, ad by monuments shown hereon, are true and correct	DWG BY: APG
of my knowledge and belief. ond plat meets or exceeds the minimum standards eming authorities. ty is subject to any recorded easements or right	FSTAN PR
shown hereon.	SH
ellinger, II Ky. Reg. No. 3282	-
ICATION TOWER SITE SURVEY" RENCED AS "EXHIBIT B"	LEASE AREA,
DATE:	ACCE.
E FLOOD INSURANCE RATE WAPS (FIRM) WAP NO. TED 07-16-90 AND THE PROPOSED LEASE AREA D BE IN A FLOOD PROME AREA. E AREA IS LOCATED IN ZONE X.	





GENERAL NOTES:

1) EQUIPMENT PICK-UP AND DELIVERY TO SITE FROM BLUEGRASS CELLULAR STAGING FACILITY TO BE THE CONTRACTORS RESPONSIBILITY, INCLUDING CRANE SET, AND ALL COST INCURRED.

2) FOR, BUILDING AND ALL CONCRETE PAD DETAILS REFER TO STRUCTURALS AND SHEET S1.1

3) ALL CONCRETE TO HAVE SPECIFIED COATED SEALANT PER STRUCTURAL RECOMMENDATIONS.

4) ANY DAMAGE DUE TO CONSTRUCTION, TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION. (SUBJECT TO BLUEGRASS CELLULAR'S APPROVAL).

5) ANY DAMAGE OF NATURAL SURROUNDINGS , INCLUDING BUT NOT LIMITED TO, GRASS, TREES, LANDSCAPING, ETC.. TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION AT BLUEGRASS CELLULAR'S APPROVAL.

6) ROADWAYS TO BE GRADED SMOOTH AND EVEN, REMOVING ALL POTHOLES. ROADS TO HAVE PROPER DRAINAGE AND RUNOFF PER BLUEGRASS CELLULAR'S APPROVAL.

7) ANY RELOCATION OF EXISTING UTILITIES TO BE DONE IN ACCORDANCE WITH LOCAL CODES AND RECOMMENDATIONS, CONSULTING ALL UTILITY COMPANIES INVOLVED FOR APPROVAL AND SPECIFICATIONS REQUIRED.

8) FOR GRADING DETAILS, SEE GENERAL NOTESHEET

9) CONTRACTOR TO FIELD VERIFY ALL TOWER DIMENSIONS WITH TOWER MANUFACTURER PRIOR TO JOB BIDDING OR START OF ANY CONSTRUCTION

10) CONTRACTOR RESPONSIBLE FOR APPLYING FOR SERVICE TO SITE AND PAYING ANY FEES REQUIRED FOR PERMITS, HOOKUP, ETC..







NOT TO SCALE

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS



SELF SUPPORT TOWER ELEVATION (TYPICAL)

NUMBER	AZIMUTH	MOUNTING HEIGHT
6	90*, 195*, 345*	240'-0" C/L VERIFY WITH CONSTRUCTION SUPERVISOR

NUMBER	

6

SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT

SIZE	NUMBER

NUMBER	

				[502] 559:9427 Fax[502] 231-355
REVISION				
NO. DATE				
BITIECDASS CELLIT AD INC	י ר	STANDARD CELEULAR SHE	NORWOOD	74 REID MILL RD. SCIENCE HILL, KY. 42553
A	SHEE	TEI	SCALE:	







GENERAL ELECTRICAL NOTES: 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.

2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.

3) GROUND RING TO BE CONTAINED WITH IN THE COMPOUNDS FENCED AREA.

4) FENCE TO BE GROUNDED FROM GROUND RING TO ALL CORNER POST & GATES. SPACE FENCE GROUNDING APPROXIMATELY 20'-0" O/C. (CADD WELD ALL CONNECTIONS)

5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE, SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDING CONFIGURATION TO BE IN PARALLEL.

6) CONTACT POINTS FOR GROUNDING TO BE CLEANED OF ANY RUST, PAINT, DIRT, ETC. TO CREATE A GOOD BOND FOR CONDUCTOR. AREA THAT HAS BEEN CLEANED TO BE RESEALED TO PREVENT RUSTING.

7) PROPERLY GROUND ANY EXPOSED METAL THAT MAY EXIST ON EXTERIOR OF EQUIPMENT SHELTER OR CABINET.

8) WHERE GROUND CONDUCTORS REQUIRE MECHANICAL BONDING, STAINLESS STEEL CONNECTORS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.

9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS, MAKING SURE THE TOWER ALARM IS CONNECTED AND WORKING. A TELEPHONE NUMBER FOR THE ALARM MUST BE SUPPLIED.

10) CONTRACTOR RESPONSIBLE FOR MEG TESTING THE SITE AND SUPPLYING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.

CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED 1'-0" ABOVE CONDUIT RUNS.

SITE PLAN- ELECTRICAL

R	REVISION				
	NO. DATE				$\left - \right $
			STANDARD CELLULAR SITE	NORWOOD	74 REID MILL RD. SCIENCE HILL, KY. 42553
	DRAWN BY:	R. BECKER	ISSUE DATE:	SCALE.	
		_{вне}		^{имв}	ER

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END USER DESIGN / BLUEGRASS CELLULAR REJECT NAME					
	WOOD II		_		
CITY, STATE		CALCULATED RESISTANCE			
APPROVED BY	DATE	< 5 OHMS			
E NUMBER	0. SCALE	04/06/2006			
	NONE				



GENERAL ELECTRICAL NOTES: 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE. 2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.

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5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE, SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDING CONFIGURATION TO BE IN PARALLEL.

6) CONTACT POINTS FOR GROUNDING TO BE CLEANED OF ANY RUST, PAINT, DIRT, ETC. TO CREATE A GOOD BOND FOR CONDUCTOR. AREA THAT HAS BEEN CLEANED TO BE RESEALED TO PREVENT RUSTING.

7) PROPERLY GROUND ANY EXPOSED METAL THAT MAY EXIST ON EXTERIOR OF EQUIPMENT SHELTER OR CABINET.

8) WHERE GROUND CONDUCTORS REQUIRE MECHANICAL BONDING, STAINLESS STEEL CONNECTORS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.

9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS, MAKING SURE THE TOWER ALARM IS CONNECTED AND WORKING. A TELEPHONE NUMBER FOR THE ALARM MUST BE SUPPLIED.

10) CONTRACTOR RESPONSIBLE FOR MEG TESTING THE SITE AND SUPPLYING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.

NOTE: CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED AT 9" BELOW GRADE.

NOTE

CONTRACTOR TO FOLLOW LYNCOLES GROUNDING SPECIFICATIONS WHEN USING THEIR XIT GROUNDING RODS. SEE DETAIL SHEET E-4.

LYNCOLE XIT GROUNDING ROD TO BE INSTALLED WHERE SHOWN AND TO MANUFACTURERS SPECIFICATIONS. (SEE LYNCOLE SPECIFICATIONS)

(1) GROUNDING RODS 10'-0" LONG x 3/4" COPPER BONDED GROUND RODS (TYPICAL) SPACING OF RODS INDICATED ON PLANS. INSPECTION SLEEVE TO

(2) INSTALL AND PROVIDE SOLID BARE TINNED COPPER WIRE #2 AWG, GROUND TAP" CONNECTING CONDUCTORS. (CONNECTIONS FOR ALL TAP CONDUCTORS TO BE PARALLEL AND "CAD WELD" CONNECTIONS)

(3) FLEXIBLE GROUNDING STRAP TO BE USED TO PROVIDE A COMMON BOND BETWEEN GATE AND CHAIN LINK FENCE, #2 AWG SOLID COPPER BARE TINNED CONDUCTOR FROM GROUND RING TO FENCE USING CAD WELD CONNECTIONS. GROUND TAP TO BE PROVIDED ON EACH 4 SIDES TO GROUND RING AS DESCRIBED ABOVE.

Sonded ground to be provided to ground ring for each of the Following: Building Steel, hatch plate, emergency receptacle, wave guide structure, frame work, building disconnect.

(5) FOR TOWER FRAME GROUNDING, REMOVE GALVANIZED COATING COMPLETELY AT SPOT TO "CAD WELD" TO AND CLEAN. #2 AWG SOLID BARE TINNED COPPER CONDUCTOR TO BE CAD WELDED APPROXIMATELY 1'-O" ABOVE FOUNDATION OR AT FLANCE IF PROVIDED BY TOWER MANUFACTURER. EXTEND CONDUCTOR TO GROUND RING. RIGHT ANGLES NOT ACCEPTED ALL EXTEND TO BE CAD WELDED APPROXIMATELY 1'-O" ABOVE BENDS TO BE SWEEPING.





NO SCALE





GENERAL NOTES:

1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP DELIVERY TO SITE, ERECTION OF TOWER, AND CRANE SET, ALL COSTS ENCURRED.

2) THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND REVIEWING EXISTING STRUCTORS OR UTILITIES THAT MIGHT BE LOCATED ON OR AROUND THE COMPOUND THAT COULD

3) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL AUTHORITIES NECESSARY FOR INSPECTIONS IF REQUIRED, PLEASE PROVIDE AMPLE NOTICE

4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING, PLEASE PROVIDE AMPLE NOTICE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING, IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY A&E OR OWNER IMMEDIATELY

6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJOINING PROPERTY, AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.

7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION STARTING, ANY PROBLEMS OR CHANGE FOUND CONTACT A&E OR OWNER TO VERIFY.

8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITY IF ANY LIGHTING PROBLEMS OCCUR, ALL FINAL LIGHTING TO BE MOUNTED ON TOWER DURING CONSTRUCTION, NOTIFY OWNER WHEN TOWER HAS REACHED FINAL HEIGHT.

9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK MEANS AND METHODS, WORK TO BE DONE IN COMPLIANCE WITH OSHA RULES AND REGULATIONS.

10) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.

11) THE CONTRACTOR RESPONSIBLE FOR ANY SEED AND STRAW NECESSARY TO DAMAGED AREAS.

12) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DITCHING ON PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPIENCE.

NOTE: UPON COMPLETION OF ALL CONSTRUCTION WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR SUBMITTING CLOSEOUT DOCUMENTATION ON DISK FORMAT ONLY, CONTAINING THE FOLLOWING CLOSE OUT DOCUMENTATION:

- * ASBUILT CONSTRUCTION DRAWINGS
- * SWEEP TEST
- * GROUND TEST USING BLUEGRASS FORM
- * ELECTRICAL COMPLIANCE CERTIFICATE (LEGIBLE COPY)
- * BUILDING PERMIT
- * SITE PHOTOS (ALL SIDES) PREFERABLY ON DISK

GRADING & EXCAVATING NOTES:

1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PARKING AREAS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.

2) PREPARATION FOR FILL:

REMOVAL OF ALL DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, TOPSOIL, VEGETATION, AND HARMFUL MATERIALS FROM SURFACE OF GROUND PRIOR TO PLOWING, STRIPPING, PLACING FILLS OR BREAKING UP OF SLOPED SURFACES GREATER THAN 1 VERTICAL TO 4 HORIZONTAL SO MATERIAL FOR FILL WILL BOND WILL BOND TO EXISTING SURFACE. WHEN AREA TO RECEIVE FILL HAS A DENSITY LESS THAN REQUIRED, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, AERATE, MOISTURE - CONDITION, OR PULVERIZE SOIL AND RECOMPACT TO REQUIRED DENSITY.

3) BACK FILLING:

- EXCAVATED AREA SHALL BE CLEARED FROM STONES OR CLODS OVER 2 1/2" MAXIMUM SIZE. - SHALL BE PLACED IN LAYERS OF 6" AND COMPACTED TO

A 95% STANDARD PROCTOR, USE A 90

PROCTOR IN GRASSED / LANDSCAPED AREAS WHERE REQUIRED

- SHALL BE APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL AND SAND, SOFT SHALE, EARTH OR LOAM. CONSULT WITH ENGINEER PRIOR TO FILL BEING ADDED.

4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER AND ALL COMPACTING TEST TO BE COMPLETED TO SPEC'S ALL COMPACTING RESULTS TO BE TURNED OVER TO OWNER.

5) AFTER COMPLETION OF BELOW GRADE EXCAVATING, AREA TO BE CLEANED AND CLEARED OF ANY UNSUITABLE MATERIAL SUCH AS, TRASH, DEBRIS, VEGETATION AND SO FORTH COMPLETE.

6) ANY EXCAVATING IN WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE OF ANY LOOSE MATERIAL AND EXCESS GROUND WATER.

7) IF SOUND SOIL IS NOT REACHED AT DESIGNATED EXCAVATION DEPTH, THE POOR SOL IS TO BE EXCAVATED TO ITS FULL DEPTH AND EITHER REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION TO BE FILLED WITH THE SAME QUALITY CONCRETE SPECIFIED FOR THE FOUNDATION. PLEASE CONTACT OWNER & ENGINEER FOR RECOMMENDATIONS.

8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATIONS TO BE USED IF EXCAVATION EXCEEDED THE OVERALL REQUIRED DEPTH. FOR STABILIZATION OF THE BOTTOM OF THE EXCAVATION, CRUSHED STONE MAY BE USED. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS. PLEASE CONTACT ENGINEER FOR RECOMMENDATIONS.

NOTE: GENERAL CONTRACTOR MUST HAVE A MINIMUM 2 LABORERS ON SITE DURING ANY PHASE OF CONSTRUCTION FOR EMPLOYEE SAFETY PRECAUTIONS.

NOTE: THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER DUTIES ASSOCIATED WITH THE GENERAL CONTRACTORS RESPONSIBILITIES TO COMPLETE THE CELLULAR SITE. IT IS RECOMMENDED THAT THE SPECIFICATIONS MANUAL BE READ PRIOR TO CONSTRUCTION. SEE RSB DESIGN IF SPECIFICATIONS MANUAL IS NEEDED. 502-599-9427

NOTE: CONTRACTOR TO SUPPLY AND INSTALL 1-30 GALLON TRASH CAN INSIDE EQUIPMENT SHELTER WITH SUPPLY OF TRASH BAGS IN BOTTOM. (COLOR OPTIONAL)

* INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.

- * INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.
- * EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL MAT.
- * SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL . (CROWNED FORMATION)

* GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FIBREBOND BUILDING. COORDINATE BUILDING DELIVERY DATE THROU BUIFGRASS CELLUI AR

* GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)

* GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOW WHEN APPLICABLE.

* GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.

* GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRID

* GC WILL BE RESPONSIBLE FOR SCHEDULING PROPANE TANK DELIVER AND HOOK-UP.

* GC WILL BE RESPONSIBLE FOR CLEANING THE INSIDE OF BUILDING BEFORE I HAND SITE OVER TO OPERATIONS DEPARTMENT. THIS WILL INCLUDE SUPPLYING TRASHCAN, TRASH BAGS, BROOM, AND DOORMAT

* GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE / PAYING NECESSARY FEES REQUIRED.

* ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED BY GC.

* ALL ALARMS WILL NEED TO BE HOOKED UP BY GC. THIS IS TO INCLUDE: GENERATOR ALARM AND TOWER LIGHT ALARM. (TO BLUEGRAS CELLULAR INC. ALARM BLOCK)

* GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP CONTACT SCOTT ANDERSON (EVAPAR) 502-267-6315

* TI CONDUIT WILL NEED TO BE PLACED FROM POLE TO BUILDING. (IF MICROWAVE DISH IS USED, THE TI CONDUIT WILL STILL BE INSTALLED FUTURE USE.)

- * GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.
- * ALL TRASH AND DEBRIS TO BE REMOVED BY GC
- * GC TO SEPERATE ALL MATERIALS & LABOR IN BID.

* CONTRACTOR TO BREAK DOWN BIDS USING THE FOLLOWING LINE ITE

- * ROAD
- * FENCE
- * COMPOUND DEVELOPMENT
- * BUILDING, PROPANE, AND GENERATOR FOUNDATIONS
- GROUNDING
- TELCO
- * ELECTRIC
- * BUILDING SET * ICE BRIDGE
- * TOWER FOUNDATION
- * TOWER ERECTION * LINE INSTALL
- * ANTENNA INSTALL
- * PERMITS

'BEFORE YOU DIG'

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, PHONE 1-800-752-6007, WHICH WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. ALL NEW SERVICE AND GROUNDING TRENCHES PROVIDE A WARNING TAPE O 12 INCHES BELOW GRADE.

TO DUGH	SYMBOLS LEGEN	KEYNOTE INSPEC. SLEEVE / GRND ROD INSPECTION SLEEVE CAD WELD CONNECTION TRANSFORMER LIGHTNING SUPPRESSOR SWITCH (DISCONNECT) METER PACK			6403 МЕКСИКҮ DRIVE LOUISVILLE, KY. 40291 (002) 3939427 Fax (502)231-3656
Ver S. Dge. Ry	Р 	POWER GAS LINE WATER LINE SANITARY SEWER TELEPHONE STORM SEWER DRAIN FENCE			6403 MEI
FOR			REVISION		
e, Up ASS WITH			NO. DATE		
FAFOR					KWOOD SCIENCE HILL, KY. 42553
EMS:					74 REID MILL RD. SCIENCE
				SHEE	REAL CALE:

Notes





Site Name: Norwood

DRIVE TO DIRECTIONS

From the County seat in Somerset, Kentucky take State Route 1247 (North Main Street) and proceed North 4.2 miles to Reid Mill Road in Norwood, Kentucky. Turn right onto Reid Mill Road and proceed East 500' to the access entrance located on the North (Left) side of Reid Mill Road. Follow the existing fence line North to the site located approximately 700' from Reid Mill Road. The site is located approximately 50' East of the existing fence line.

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 <u>23</u> day of <u>March</u> 2006, by and between <u>Violet J. Dyer</u> whose address is <u>110</u> <u>Reid Mill Road, Somerset, KY</u> <u>42503</u> (the "Optionor (s)" and <u>Bluegrass Wireless LLC, a</u> <u>Kentucky limited liability company</u> with principal office and place of business at <u>2902 Ring</u> <u>Road, Elizabethtown, KY 42701</u> (the "Optionee").

$\underline{W} \underline{I} \underline{T} \underline{N} \underline{E} \underline{S} \underline{S} \underline{E} \underline{T} \underline{H}$:

WHEREAS, the Optionor(s) is the owner of certain real property located in <u>Pulaski</u> County, <u>Kentucky</u> 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: Norwood

- In consideration of <u>One Dollar and Zero Cents (\$1.00)</u> 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 <u>///-/7-0/_e</u> (the "Option Period") as set forth in Paragraph <u>5</u> thereof.
- 2. The parties hereto anticipate that the Property comprises approximately a <u>One Hundred Foot by One Hundred Foot</u> 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.

- 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 <u>14</u> 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

64444 1.13, 1 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.

- 14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s)shall be: <u>110 Reid Mill Road, Somerset, KY 42503</u>; the Optionee's address shall be: <u>2902 Ring Road, Elizabethtown, KY 42701.</u>
- 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 <u>Pulaski</u> County, <u>Kentucky</u>.

II. <u>LEASE AGREEMENT</u>

- 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 three (3) 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 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

- 2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of Eight Thousand Four Hundred Dollars and Zero Cents (\$8,400.00) 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 <u>14</u> 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.
- 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.
- 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]

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EXECUTION OF AGREEMENT(S)

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

lyer ("Optionor(s)")

By: Violet J. Dyer Property Owner

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. .

Date: 3_ 24- 06

("Optionee")

By: Ron Smith Authorized Representative Bluegrass Wireless LLC

3-23-06 Date:

Site Name: Norwood

STATE OF Kentucky COUNTY OF Pulaslu The foregoing instrument was acknowledged before me this 24 day of March, 2006, Dur by Violet J _____ to be his/her free act and deed. NØTARY PUBLIC STATE AT LARGE My commission expires: <u>1-21-09</u> STATE OF Kentucky COUNTY OF Hardin The foregoing instrument was acknowledged before me this 23 day of march2006, by Ron Smith, to be his free act and deed. MOTARY PUBLIC STATE OF LARGE My commission expires: 1-21-09This instrument prepared by:), leri John E. Selent **DINSMORE & SHOHL LLP** 1400 PNC Plaza 500 West Jefferson Street Louisville, KY 40202

(502) 540-2300



MAP 59-2, LOT 64 DYER, VIOLET J. 110 REID MILL RD SOMERSET, KY 42503 DEED BOOK 444, PAGE 029

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MAP 59-2 10T 63 MORROW, EDWIN J. & THELMA O. 0 537 GRIDER ANDERSON RD SCIENCE HILL, KY 42553 DEED BOOK 448, PAGE 570

MAP 59-2. LOT 77 HINES, TERRY & BETTY 1205 ROYCE DR Ð SOMERSET KY 42503 DEED BOOK 639, PAGE 237

SMITH, CHARLES R. & HANA P.O. BOX 356 SOMERSET, KY 42502 DEED BOOK 583, PAGE 137

MAP 59–2, LOT 72 JEFFERS, JIMMY C. & RUTH A. 194 ERRIN LN SOMERSET, KY 42501 R DEED BOOK 634, PAGE 467

MAP 59–2, LOT 71 FOSTER DEBBIE 4220 N. HWY 1247 SOMERSET, KY 42503 DEED BOOK 570, PAGE 536

MAP 59–2, LOT 70 HUSTED, RICHARD C. & DONNA 627 STATHAM RD LIBERTY, KY 42539 DEED BOOK 614, PAGE 692

MAP 59-2 10T 67 MERRICK, ARVIL DALE & ENZA 4124 N. HWY 1247 SOMERSET, KY 42503 DEED BOOK 457, PAGE 100

SHEPHERD, MARION E. & CARY C. 54 REID MILL RD SOMERSET KY 42503 DEED BOOK 554, PAGE 478

BLACK, EDISON & JOYCE 985 THURMAN LN SOMERSET, KY 42503 DEED BOOK 507, PAGE 069

MAP 59–2, LOT 58 PIERCE MICHAEL K. & LANA K. 245 REID MILL RD SOMERSET, KY 42503 DEED BOOK 714, PAGE 496

GODBY, RAYMOND & PATRICIA 1034 REID MILL RD SOMERSET, KY 42503 DEED BOOK 366, PAGE 621

UPCHURCH, JACK R. & ROBERTA 167 REID MILL RD SOMERSET, KY 42503 DEED BOOK 650, PAGE 003

MAP 59–2, LOT 55 HALE, JOHN J. & LINDA CAROL 127 REID MILL RD SOMERSET, KY 42503 DEED BOOK 517, PAGE 033 NO ZONING

MAP 59–2, LOT 54 MARTIN, RALPH E. & EDYTHE J. AL REID MILL RD SOMERSET, KY 42503 DEED BOOK 601, PAGE 021 NO ZONING

MAP 59. 10T 10 TRIMBLE, JAMES DAVID 524 GRIDER ANDERSON RD. SCIENCE HILL, KY 42553 DEED BOOK 563, PAGE 561 NO ZONING

MAP 59-2 101 68 SPEARS, ARVIS & MILDRED 4160 N. HWY 1247 SOMFRSET KY 42503 DEED BOOK 604, PAGE 214 NO ZONING

MAP 59-2, LOT 69 SPEARS, LARRY DOUGLAS 1831 HACKER RD SOMERESET, KY 42503 DEED BOOK 751, PAGE 161 NO ZONING

BLUEGRASS CELLULAR 2902 RING ROAD ELIZABETHTOWN, KY 42702				
F.S. Land Company T. Alan Neal Company Land Surveyors and Consulting Engineers PO Bex 17546 2313/2315 cuttenden Dive Lousille, KY 40217 Phone: (502) 635-5666 (502) 636-5111 Fax: (502) 635-5656				
SITE NUMBER:				
· · · · · · · · · · · · · · · · · · ·				
SITE NAME:				
NORWOOD				
SITE ADDRESS:				
74 REID MILL ROAD SCIENCE HILL, KY 42553				
PROPOSED LEASE AREA:				
AREA = 10,000 sq. ft.				
PROPERTY OWNER:				
VIOLET J. DYER 110 REID MILL RD				
SOMERSET, KY 42503				
MAP NUMBER:				
59-2				
PARCEL NUMBER: 64				
64				
SOURCE OF TITLE: DEED BOOK 444, PAGE 029				
DWG BY: CHKD BY: DATE: REL FSII 10.25.05				
FSTAN PROJECT NO.:	-			
151AN PROJECT NO.: 05-3598				
SHEET_ <u>1</u>				
REVISIONS:				
OWNERS LIST - 11.04.05				
LEASE AREA/ACCESS - 03.29.06 (06-3895)				
ACCESS EASEMENT - 04.03.06				
C1				

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Site Name: NORWOOD

500' RADIUS & ADJOINING LANDOWNER LIST

Map 59.2, Lot 64 VIOLET J. DYER, 110 REID MILL RD. SOMERSET, KY. 42503 Deed Book 444, Page 029 No Zoning

Map 59-2, Lot 63 EDWIN J. & THELMA O. MORROW 537 GRIDER ANDERSON RD. SCIENCE HILL, KY. 42553 Deed Book 448, Page 570 No Zoning

> Map 59-2, Lot 77 TERRY & BETTY HINES 1205 ROYCE DR. SOMERSET, KY. 42503 Deed Book 639, Page 237 No Zoning

Map 59-2, Lot 73 CHARLES R. & HANA SMITH P.O. BOX 356 SOMERSET, KY. 42503 Deed Book 583, Page 137 No Zoning

Map 59-2, Lot 72 JIMMY C. & RUTH A. JEFFERS 194 ERRIN LN SOMERSET, KY. 42501 Deed Book 634, Page 467 No Zoning

> Map 59-2, Lot 71 DEBBIE FOSTER 4220 N. HWY 1247 SOMERSET, KY. 42503 Deed Book 570, Page 536 No Zoning



Formerly F.S. Unno & J. Alan Neul Companies

Map 59-2, Lot 70 RICHARD C. & DONNA HUSTED 627 STATHAM RD. LIBERTY, KY. 42539 Deed Book 614, Page 692 No Zoning

Map 59-2, Lot 67 ARVIL DALE & ENZA MERRICK 4124 N. HWY 1247 SOMERSET, KY. 42503 Deed Book 457, Page 100 No Zoning

Map 59-2, Lot 65 MARION E. & CARY C. SHEPHERD 54 REID MILL RD. SOMERSET, KY. 42503 Deed Book 554, Page 478 No Zoning

> Map 59-2, Lot 59 EDISON & JOYCE BLACK 985 THURMAN LN. SOMERSET, KY. 42503 Deed Book 507, Page 069 No Zoning

Map 59-2, Lot 58 MICHAEL K. & LANA K. PIERCE 245 REID MILL RD. SOMERSET, KY. 42503 Deed Book 714, Page 496 No Zoning

Map 59-2, Lot 57 RAYMOND & PATRICIA GODBY 1034 REID MILL RD. SOMERSET, KY. 42503 Deed Book 366, Page 621 No Zoning

Map 59-2, Lot 56 JACK R. & ROBERTA UPCHURCH 167 REID MILL RD. SOMERSET, KY. 42503 Deed Book 650, Page 003 No Zoning

2315 Crittenden Drive PO Box 17546 Louisville, KY 40217 Phone: (502) 636-5111 (502) 635-5866 Fax: (502) 636-5263



Former's F.S. Land & T. Alan Neal Companies

Map 59-2, Lot 55 JOHN J. & LINDA CAROL HALE 127 REID MILL RD. SOMERSET, KY. 42503 Deed Book 517, Page 033 No Zoning

Map 59-2, Lot 54 RALPH E. & EDYTHE J. MARTIN 61 REID MILL RD. SOMERSET, KY. 42503 Deed Book 601, Page 021 No Zoning

Map 59, Lot 10 JAMES DAVID TRIMBLE 524 GRINDER ANDERSON RD. SCIENCE HILL, KY. 42553 Deed Book 563, Page 561 No Zoning

Map 59-2, Lot 68 ARVIS & MILDRED SPEARS 4160 N. HWY 1247 SOMERSET, KY. 42503 Deed Book 604, Page 214 No Zoning

Map 59-2, Lot 69 LARRY DOUGLAS SPEARS 1831 HACKER RD. SOMERSET, KY. 42503 Deed Book 751, Page 161 No Zoning

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF BLUEGRASS WIRELESS LLC FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT A CELL SITE (NORWOOD) IN RURAL SERVICE AREA #6 (PULASKI) OF THE COMMONWEALTH OF KENTUCKY

CASE NO. 2006-00140

AFFIDAVIT OF JOHN E. SELENT

I, John E. Selent, being duly sworn, depose and state as follows:

My name is John E. Selent and I am a member of the Kentucky Bar Association.
 I am legal counsel to Bluegrass Wireless LLC and am submitting this affidavit in conjunction with the above referenced matter.

2. Pursuant to 807 KAR 5:063 §1(1)(1), the attached list containing the names of the residents/tenants and property owners within 500 feet of the proposed tower have been: (i) notified by written notice of the proposed construction, sufficient postage prepaid, by United States certified mail, return receipt requested; (ii) given the Commission docket number under which the application will be processed; and (iii) informed of the right to request intervention.

3. A copy of the certified mail return receipts for each of the above property owners that show proof of service is attached hereto.

4. The address for Charles R. and Hana Smith is a P.O. Box and therefore cannot be served by U.S. Certified Mail, pursuant to 807 KAR 5:063 § 1(1) and (m).

5. For the reason set forth in paragraph 4, the written notice of the proposed construction for Charles R. and Hana Smith was sent via U.S. Express Mail. The proof of service is attached hereto.

6. The written notice of the proposed construction that was sent via U.S. Certified

Mail to Debbie Foster was returned marked "Return to Sender – Unclaimed - Unable to forward" and therefore was never served upon nor delivered to the intended recipient.

7. For the reason set forth in paragraph 6, a copy of the written notice of the proposed construction for Debbie Foster was sent via U.S. Regular Mail.

8. The written notice of the proposed construction that was sent via U.S. Certified Mail to Larry Douglas Spears was returned marked "No Forward Order on File - Return to Sender – Unable to forward" and therefore was never served upon nor delivered to the intended recipients.

9. For the reason set forth in paragraph 6, a copy of the written notice of the proposed construction for Larry Douglas Spears was sent via U.S. Regular Mail.

Further Affiant saith not. John E. Selept
[4]
COMMONWEALTH OF KENTUCKY
COUNTY OF JEFFERSON)
SUBSCRIBED AND SWORN to before me this 3 day of May, 2006.
SUBSCRIBED AND SWORN to perfore me this 2^{-2} day of May, 2006.
My commission expires: $[1]_{20}[07]$
Vininte
Notary Public

,

Richard C. and Donna Husted 627 Statham Road Liberty, Kentucky 42539

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular 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 a new cell facility to provide cellular telephone service. This facility will include a 240-foot tower to be located at 74 Reid Mill Road, Science Hill, Kentucky, 42553. 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 of Kentucky P.O. Box 615 Frankfort, Kentucky, 40602.

Please refer to case number 2006-00140 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			
 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 mailplece, or on the front if space permits. 	A. Signature X. Aulconfittuation Agent B. Beceived by (Printed Name) Kicharmon (AUS Nico) D. Is delivery address different from item 12 Yes			
1. Article Addressed to:	D. Is delivery address different from item 1? □ Yes If YES, enter delivery address below: □ No			
Richard C.d. Donner Husted 627 Stallham Rd.	APR 1 \$ 2006)			
Liberty, KY 4,2539	Service Type Gertified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.			
	4. Restricted Delivery? (Extra Fee)			
2. Article Number (Transfer from service fabel) 7005 13	PPD 0000 5453 3475			
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540				

joshysij Linin (
Arvil Dale and Enza Merrick 4124 North Highway 1247 Somerset, Kentucky 42503

Public Notice

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 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 X $E_{M,C}$ $M_{M,M}$ \Box Agent \Box Addressee B. Received by (<i>Printed Name</i>) $E_{M,Z,A}$ $M_{P,F,C}$ H_{S} D_{C} D. Is delivery address different from item 1? \Box Yes
1. Article Addressed to: Arvil Dale d ENZG Merrick	If YES, enter delivery address below:
Somerset, KY 42503	
Somerset, KY 42503	3. Service Type IP Certified Mall Express Mail IP Registered Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7005 1	160 0000 2923 3429
PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540

Marion E. and Cary C. Shepherd 54 Reid Mill Road Somerset, Kentucky 42503

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Please refer to case number 2006-00140 in your correspondence.

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 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
1. Article Addressed to: Marion a Cary Shepherd	D. Is delivery address different from item 1? U Yes If YES, enter delivery address below: D No
54 Reid Mill Road	
Somerset, KY 42503	Service-Type Gertified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.
	4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7005 11	₂0 0000 2923 3436
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

Edison and Joyce Black 985 Thurman Lane Somerset, Kentucky 42503

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 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. Article Addressed to: Edison & Joyce Black 985 Thurman LAME 	A. Signature A. Signature A. Signature A. Signature A. Addressee B. Received/by (<i>Printed Name</i>) C. Date of Delivery <i>A</i> - <i>B</i> - <i>C</i> - <i>D</i> <i>A</i> - <i>B</i> - <i>C</i> - <i>D</i> <i>A</i> - <i>D</i>
Somerset, KY 42503	3. Service Type Image: Certified Mail Image: Express Mail Image: Certified Mail Image: Express Mail Image: Certified Mail Image: Certified Mail Image: Cerified
2. Article Number (Transfer from service label) 7005 11	60 0000 2923 3443

PS Form 3811, February 2004

Raymond & Patricia Godby 1034 Reid Mill Road Somerset, Kentucky 42503

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

Please refer to case number 2006-00140 in your correspondence.

SEINDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 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. Article Addressed to: Raymond d Patricia Godby 1034 Reid Will Road 	A. Signature
Somerset, KY 42503	3. Service_Type Certified Mall Express Mall Registered Return Receipt for Merchandise Insured Mall C.O.D.
	4. Restricted Delivery? (Extra Fee)
2. Article Number 7005 1 (Transfer from service label)	160 0000 2923 3467
PS Form 3811, February 2004 Domestic Re	turn Receipt 102595-02-M-1540

Violet J. Dyer 110 Reid Mill Road Somerset, Kentucky 42503

Public Notice

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Somerset, KY 42503	3. Service Type Image: Certified Mail Express Mail Image: Registered Return Receipt for Merchandise Image: Image: Image: Return Receipt for Merchandise Image: Image: Image: Image: Return Receipt for Merchandise Image: Image: Return Receipt for Merchandise Image: Image: Return Receipt for Merchandise Image: Return Re
2. Article Number 7005 11.	60 0000 2923 3474
PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540

Edwin J. and Thelma O. Morrow 537 Grider Anderson Road Science Hill, Kentucky 42553

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 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 mailplace, or on the front if space permits. Article Addressed to: Edwin d Thelma Mitteen 537 Grider Anderson Rd. 	A. Signature X. J. Adm. A. M. M. Agent B. Received by (<i>Printed Name</i>) C. Date of Delivery 1 - () - Cb D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
Science Hill, KY 42553	3. Service Type Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Yes
2. Article Number (<i>Transfer from service label</i>) 7005 1	160 0000 2923 3481
PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540

Terry and Betty Hines 1205 Royce Drive Somerset, Kentucky 42503

Public Notice

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Bluegrass Cellular 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 a new cell facility to provide cellular telephone service. This facility will include a 240-foot tower to be located at 74 Reid Mill Road, Science Hill, Kentucky, 42553. 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 of Kentucky P.O. Box 615 Frankfort, Kentucky, 40602.

Please refer to case number 2006-00140 in your correspondence.

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 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. Article Addressed to: Terry & Betty Hines I205 Royce Drive Somerset, KY 42503 	A. Signature Agent X Addressee B. Received by Printed Name) C. Date of Delivery TC TC D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
Somerset, KY 42503	3. Service-Type Image: Certified Mail Image: Express Mail Image: Certified Mail Image: Express Mail Image: Certified Mail Image: Certified Mail Image: Cerified
2. Article Number (Transfer from service label) 7005 11	60 0000 2923 4907
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

Jimmy C. and Ruth A. Jeffers 194 Errin Lane Somerset, Kentucky 42501

Public Notice

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PS Form 3811, February 2004 Domestic Re	turn Receipt 102595-02-M-1540

Jack R. and Robert Upchurch 167 Reid Mill Road Somerset, Kentucky 42503

Public Notice

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1. Article Addressed to: Jack & Robert Upchurch	If YES, enter delivery address below: 🛛 No
167 Reid Mill Rd.	3. Service Type
Somerset, KY 42503	Greatified Mail □ Express Mail □ Registered □ Return Receipt for Merchandise □ Insured Mail □ C.O.D.
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PS Form 3811, February 2004 Domestic R	etum Receipt 102595-02-M-1540

John J. and Linda Carol Hale 127 Reid Mill Road Somerset, Kentucky 42503

Public Notice

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Somerset, KY 42503	 3. Service Type Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Yes
2. Article Number 7005 1. (Transfer from service label)	160 0000 2923 4945
PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540

Ralph E. & Edythe J. Martin 61 Reid Mill Road Somerset, Kentucky 42503

Public Notice

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PS Form 3811, February 2004 Domestic	Return Receipt 102595-02-M-1540

Arvis and Mildred Spears 4160 North Highway 1247 Somerset, Kentucky 42503

Public Notice

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PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

James David Trimble 524 Grinder Anderson Road Science Hill, Kentucky 42553

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	Return Receipt Fee (Endorsement Required)		Here	
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	Total Postage & Fees	\$	Norwcatt	
7005	Sent To Tames D. Trimble Street, Apl. No.; 5,24 Grinder Anderson 12d. City, State, ZIP+4 5(1) & WCE Hill, 44, 42553 State Bevarse for Instructions			





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site map contact us government services jobs National & Premier Accounts Copyright © 1999-2004 USPS. All Rights Reserved. Terms of Use Privacy Policy Michael K. and Lana K. Pierce 245 Reid Mill Road Somerset, Kentucky 42503

Public Notice

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Charles R. and Hana Smith P.O. Box 356 Somerset, Kentucky 42503

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Please refer to case number 2006-00140 in your correspondence.

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Larry Douglas Spears 1831 Hacker Road Somerset, Kentucky 42503

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Debbie Foster 4220 North Highway 1247 Somerset, Kentucky 42503

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PS Form 3811, February 2004

Domestic Return Receipt



Dinsmore&Shohlup

ATTORNEYS Kerry W. Ingle (502) 540-2354 (Direct Dial) kerry.ingle@dinslaw.com

April 7, 2006

Via Certified Mail Honorable Darrell BeShears Pulaski County Judge Executive Courthouse 100 North Main Street Somerset, Kentucky 42501

> RE: Public Notice - Public Service Commission of Kentucky Case No. 2006-00140

Bluegrass Wireless LLC is applying to the Public Service Commission 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) #6 in Pulaski County. The facility will include a 240 ft. tower and an equipment shelter to be located at 74 Reid Mill Road, Science Hill, Kentucky, 42553. 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 2006-00140 in your correspondence.

Very truly yours,

Charleston Cincinnati Columbus Dayton Lexington Louisville Pittsburgh

DINSMORE & SHOHL LLP

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enclosure

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Courthouse 100 N. Main Street Somerset, Kentucky (2501	3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes
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PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540
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U.S.S.

AFFIDAVIT OF PUBLICATION

I, Courtney Chumbley, of the Commonwealth Journal, a legal newspaper holding a second-class mailing permit, published daily except Mondays in Somerset, county of Pulaski, Commonwealth of Kentucky, do swear and subscribe that the attached proof of publication of a

legal notice, as required and prescribed by KRS

when of controporties tolding together togeth

paid advertisement

was published in said newspaper in the issue of April 12 3 19, 2006 for which the sum of \$ 126.00 is due and payable.

Signed: Courtney Chumbley Title: Classified ad Manager

Subscribed and sworn to before me, a notary public for the County of Pulaski, Commonwealth of Kentucky, this _26_ day of _____, 20_06___.

Brenda 7 Jackney My commission expires <u>August 19, 2006</u>

(Seal)

B8 Commonwealth Journal, Wednesday, April 12, 2006 Somerset, Kentucky

750 Motorcycles

720 Trucks & Vans 1999 ZB2 Ext. Cab 4.3 V6. 5 Snd. 4x4. S-10 Cruise Control, AM/FMCD Power Locks/Window Cold A/C, Tinted Windows 90K, Fully Loaded Good Shape \$7,900.00 875-4705

ar



98 Chevy S10 King Cab Indigo Blue 5 spd. pickup \$4500 firm. Serious Callers Only Please 606-376-8985

1992 Chevy

Full-Size Van 350 Automatic C20. 45,000 mi. Lots of Extras, Mint Conditioned. \$6300, 561-4012



2000 Ford Ranger XLT 4 x4 Super Cab, Seats 4, Automatic, CD, Air 55,100 mi. X-tra Nice. \$7850.00 Call 606-376-9751

1998 Ford 4-wd Extended Cab. 4spd overdrive. New Tires. 98,000 mi. Black. Super Nice. \$8995 382-5942

720 Sports Utility

2000 Nissan Pathfinder SE 4wd, A/C, Auto, CD, 188.000 miles, new tires, \$5500 451-9272

'97 Kia Sportage EX Runs good, looks good, good tires, CD Player, 305-5145

2002 Dodge Durango 40,000 mi. Charcoal Grav & Silver. CD Player, AC, 4wheel Dr. \$14,000, 636-6946



1997 Toyota Sport Utility 4-wd. Rav-4. 4 door. Sliding Sunroof, New Snow Tires, Towing Pkg, MP3 player, Power Windows & Locks, Tilt, Cruise, Air, Custom Bumper, Power Steering, 136,000 mi. Selling price \$5800. Sells

730 Recreational Vehicles 2002 207FS Bennington

Pontoon 90 horse Mercury Cabin Enclousre. Morning Cover. Changing Room. Port-a-potty. Trolley Motor. Batterv Fish Finder. Charger, 5000 BTU Heater. \$13,500 Firm 451-9117

'96 Calun Bassboat Dual console, '02 Mercury EFI Motor w/ warranty, 19ft. Set up for night fishing. \$9500. 423-2303 or 423-3184

30 ft. Timberlodge Travel Trailer. '03 model. Asking \$12,000. 606-271-1161

1997 Craftsman 42" Riding Mower Maintained. Good Cond. \$700. 606-274-4628

'93 Lowe 17' Bass Boat Excellent Cond. 48 HP Evinrude 2 live-wells. Trollina Motor & Trailer \$4,000, 606-274-4628

2005 RMZ 250 Full Racing Suspension Full Exhaust, New Renthal

Chain & Sprockets & Twin wall Bars. Red Applied Triple Clamps, New Tires Lots of other extras. \$4000 341-0005

2002 Tracker 18ft Tournament Vboat with 2003 90 horse 4 strk Mercury. Like New. Approx. 8 hrs. on rig. Always Garage Kept: \$12,000 firm. 606-310-1594 or 376-8260

1994 Sea Nymph Stinger Sport, 120 Johnson 4 cycle. Fish - Ski Package, Veminy Top, Package, Veminy Top, Morning Cover, Live well, Surge Break Trailer, Garage Kept. \$6,000 Call 679-0199

1997 Lighting Chassis modified dirt open wheel. \$3,000. Call 379-1144 or 271-2461.

24 Ft. QB Coachmen Travel trailer, New Condltion, AC, Awning, Microwave. Built Mar. 05- purchased May 05. Used Only 30 days, \$13,900 call 677-0684

2003 Honda 300EX, Header Great Shape \$2100.561-9158

2000 Pontoon

All Aluminum. Bass buggy pontoon, has 2003 motor. Less than 5 hours on the motor. Still under warranty. Reduced to \$8000. Call and leave message, 606-379-0432 or 606-875-0402

21' Fisher Deck Boat,

750 Motorcycles

2005 Honda VT600cd

Shadow. VLX Deluxe.

Chromed Out 1100 ml.

Perfect for anyone. \$4200

Comes with 3 helmets & a

sport travel bag. 875-5923

or 677-1579

ments. 305-9711

606-875-8683

2004 Yamaha R6

5500 mi.

\$5400 obo. 875-7462

model

Cond.

mets

Like New.

679-0199

2002 Honda VTX 1800C Silver.Removable wind shield & backrest, bubs pipes, power commander. new tires. Excellent condition!! 8kmi \$7500, 305-7710

1985 Yamaha

Vmax, excellent cond., many extras, salvage title, runs great, needs a little work Asking \$2500, 219-5894 or 679-1676.

2005 Honda Sabra Seat windshield cobra pipes, and carborator, and sissy bar. Black w/red flames. Also, 2004 700 Polaris. Call 678-8964 or 872-5086.

For Sale

2004 Honda Rebel 250. Excell. Cond. Excell, Mi. Serious Inquiries only. 679-4280

2005 Yamaha VStar Classic, lots of extras. \$6500, OBO 875-0278

2005 Harley Ultra Classic with side car. New: Only 900 miles, \$25k firm. 606-219-2210

'95 Harley 1200 Sportster XLH, 10,000 miles, garage kept, EXCELLENT Condition. Drag pipes, S&S Super E Carb. Many extras. \$6,800 679-4382

Honda XR 100R- 03 Ridden one summer. \$1250. 382-5951

NOTICE

Bluegrass Wireless LLC 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 #6 of the Commonwealth of Kentucky (Norwood Cell Site). The facility is a 240-foot tower and an equipment shelter to be located at 74 Reid Mill Road, Science Hill, Kentucky 42553. 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. 2006-00140 in your correspondence.

NOTICE OF SETTLEMENTS

The following Settlements will come before the Pulaski District Court on April 26, 2006, in the Pulaski District Courtroom and all exceptions must be filed before that day: Tanya Cowan, Executrix for the

Estate of Dorothy Marie Ashbrook.

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NOTICE

Beginning April 17, 2006, Bronston Water Association will be flushing all hydrants and blowoff valves in all service areas. The flushing may continue through Friday, April 21, 2006.

We urge our customers to please check the clarity of the water before washing clothes. Hydrant flushing may cause discolored water in some areas for a short time.

The flushing is required to enhance water quality.

Thank you for your cooperation.

NOTICE

Bluegrass Wireless LLC 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 telecommuto provide centuar radio telecommu-nications service in rural service area #6 of the Commonwealth of Kentucky (Norwood Cell Site). The facility is a 240-foot tower and an equipment shelter to be located at 74 Reid Mill Road, Science Hill, Kentucky 42553 Your comments and Keid Min Koad, Science Hill, Kentucky 42553. 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. 2006-00140 in your correspondence.



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LEGAL NOTICE

Notification is hereby given that Cumberland Valley National Bank & Trust Company, 100 South Main Street, London, Kentucky 40741, has filed an application with the Comptroller of the Currency on April 19, 2006, as specified in 12 CFR 5 in the Comptroller's Manual for National Banks, for permission to establish and operate a messenger service in Somerset and Pulaski County, Kentucky.

Any person wishing to comment on this application may file comments in writing with the Deputy Comptroller, Central District, One Financial Place, Suite 2700, 400 South La Salle Street, Chicago, Illinois 60605, within 30 days of the date of this publication. The non-confidential portions of the application are on file with the Deputy Comptroller as part of the public file. This file is available for public inspection during regular business hours.



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Information on Towers Registered with the FCC in Pulaski County and 1/2 mile Area Outside of the County Boundary

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1234225	37-01-12.7 N	84-34-43.7 N	SOMERSET, KY	C&C TOWER RENTAL,LLC
1235212	37-06-12 N	84-35-46 N	Somerset, KY	Global Tower, LLC
1237226	37-11-19.3 N	84-37-36.3 N	Science Hill, KY	East Kentucky Power Cooperative, Inc.
1247464	37-06-03.7 N	84-46-43.5 N	Nancy, KY	Hemphill Corporation
1247918	37-07-24.6 N	84-33-06.1 N	Somerset, KY	Hemphill Corporation
1250130	37-04-36.3 N	84-48-38.8 N	Somerset, KY	Educational Media Foundation
1250175	37-01-54 N	84-37-23 N	Somerset, KY	Bluegrass Wireless LLC
1250182	37-15-04.9 N	84-38-58.4 N	Eubank, KY	Bluegrass Wireless LLC
1250183	37-13-03.8 N	84-27-29 N	Somerset, KY	Bluegrass Wireless LLC
1250184	37-05-46.4 N	84-50-33.9 N	Nancy, KY	Bluegrass Wireless LLC
1251910	37-03-4.7 N	84-42-4.5 N	Somerset, KY	Bluegrass Wireless LLC
1251434	36-58-40.4 N	84-35-27.5 N	Burnside, KY	Bluegrass Wireless LLC