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OCT 22 2015  
PUBLIC SERVICE  
COMMISSION

421 West Main Street  
Frankfort, KY 40601  
[502] 223-3477  
[502] 223-4124 Fax

October 22, 2015

Mark R. Overstreet  
(502) 209-1219  
(502) 223-4387 FAX  
moverstreet@stites.com

**HAND DELIVERED**

Jeff R. Derouen  
Executive Director  
Public Service Commission  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, KY 40602-0615

RE: Case No. 2014-00143 (Post-Case Correspondence File)

Dear Mr. Derouen:

Please find enclosed the following approvals with respect to the subject wireless facility located near Grayson, Kentucky for filing in accordance with the Commission's October 22, 2014 Order in the above matter:

(a) October 16, 2015 Kentucky Airport Zoning Commission "Approval of Application;" and

(b) April 29, 2014 Federal Aviation Administration "Determination of No Hazard to Air Navigation."

Please do not hesitate to contact me if you have any questions.

Very truly yours,



Mark R. Overstreet

MRO

cc: JEB Pinney (w/o enclosures)

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**KENTUCKY AIRPORT ZONING COMMISSION**

STEVEN BESHEAR  
Governor

90 Airport Road, Bldg 400  
Frankfort, KY 40601  
[www.transportation.ky.gov/aviation](http://www.transportation.ky.gov/aviation)  
502 564-4480

October 16, 2015

APPROVAL OF APPLICATION

APPLICANT:

Parallel Infrastructure  
Parallel Infrastructure  
4601 Touchton Rd|Suite 3700  
Jacksonville, FL 32246

SUBJECT: AS-022-DWU-2014-022


STRUCTURE: Antenna Tower  
LOCATION: Grayson, KY  
COORDINATES: 38° 19' 38.40" N / 82° 55' 32.30" W  
HEIGHT: 260' AGL/1100' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 260' AGL/ 1100' AMSL Antenna Tower near Grayson, KY 38° 19' 38.40" N / 82° 55' 32.30" W.

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

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

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

  
John Houlihan  
Administrator



An Equal Opportunity Employer M/F/D



KENTUCKY TRANSPORTATION CABINET  
KENTUCKY AIRPORT ZONING COMMISSION

TC 56-50  
Rev. 07/2010  
Page 2 of 2

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

APPLICANT (name) PARALLEL INFRASTRUCTURE	PHONE 904-238-1402	FAX	KY AERONAUTICAL STUDY# AS-022-DWU-2014-022
ADDRESS (street) 4601 TOWNHALL ROAD, BLDG 300	CITY JACKSONVILLE	STATE FL	ZIP 32246
APPLICANT'S REPRESENTATIVE (name) WIRELESS APPLICATIONS CORP	PHONE 425-643-9000	FAX	
ADDRESS (street) 111 10TH AVE NE, SUITE 160	CITY BELLEVUE	STATE WA	ZIP 98004
APPLICATION FOR <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing	DURATION <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days)		WORK SCHEDULE Start 3/16/14 End 3/15/15
TYPE <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other	MARKING/PAINTING/LIGHTING PREFERRED <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other		
LATITUDE 38° 19' 38.4 "	LONGITUDE 82° 55' 32.3 "	DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
NEAREST KENTUCKY City <del>Franklin</del> County <del>Carter</del> <b>CARTER</b>	NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT <b>DWU-ASHLAND RGNL</b>		
SITE ELEVATION (AMSL, feet) <b>733-840</b>	TOTAL STRUCTURE HEIGHT (AGL, feet) <b>260</b>	CURRENT (FAA aeronautical study #) <b>2014-ASO-3141-OE</b>	
OVERALL HEIGHT (site elevation plus total structure height, feet) <b>993-1100</b>	PREVIOUS (FAA aeronautical study #)		
DISTANCE (from nearest Kentucky public use or Military airport to structure) <b>16.232 NM</b>	PREVIOUS (KY aeronautical study #)		
DIRECTION (from nearest Kentucky public use or Military airport to structure) <b>32.95°</b>			
DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.)			
DESCRIPTION OF PROPOSAL <b>PROPOSED SITE WILL BE A 260' AGL TOWER, INCLUDING ALL ANTENNAS &amp; LIGHTING ROD.</b>			
FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? <b>3/15/2014</b>			
CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)			
PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)			
NAME <b>RANDY LARSON</b>	TITLE <b>REGULATORY SERVICES MANAGER</b>	SIGNATURE <i>Randy Larson</i>	DATE <b>3/15/2014</b>
COMMISSION ACTION <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved		SIGNATURE <i>[Signature]</i>	DATE <b>10-16-15</b>





**KENTUCKY AIRPORT ZONING COMMISSION**

STEVEN BESHEAR  
Governor

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

**CONSTRUCTION/ALTERATION STATUS REPORT**

October 16, 2015

AERONAUTICAL STUDY NUMBER: AS-022-DWU-2014-022

Parallel Infrastructure  
Parallel Infrastructure  
4601 Touchton Rd|Suite 3700  
Jacksonville, FL 32246

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on October 16, 2015. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 90 Airport Road, Bldg 400, Frankfort, KY, 40601. 502 564-4480.

STRUCTURE: Antenna Tower  
LOCATION: Grayson, KY  
COORDINATES: 38° 19' 38.40" N / 82° 55' 32.30" W  
HEIGHT: 260' AGL / 1100' AMSL

**CONSTRUCTION/ALTERATION STATUS**

- The project ( ) is abandoned. ( ) is not abandoned.
- Construction status is as follows:  
 Structure reached its greatest height of \_\_\_\_\_ ft. AGL  
 \_\_\_\_\_ ft. AMSL on \_\_\_\_\_ (date).  
 Date construction was completed. \_\_\_\_\_  
 Type of obstruction marking/painting. \_\_\_\_\_  
 Type of obstruction lighting. \_\_\_\_\_  
 As built coordinates. \_\_\_\_\_  
 Miscellaneous Information. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SIGNATURE/TITLE \_\_\_\_\_



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76193

Aeronautical Study No.  
 2014-ASO-3141-OE

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PUBLIC SERVICE  
 COMMISSION

Issued Date: 04/29/2014

Jennifer Brown  
 Parallel Infrastructure  
 4601 Touchton Road  
 Bldg 300, Suite 3200  
 Jacksonville, FL 32246

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

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

Structure: Antenna Tower Grayson  
 Location: Grayson, KY  
 Latitude: 38-19-38.40N NAD 83  
 Longitude: 82-55-32.30W  
 Heights: 733 feet site elevation (SE)  
 260 feet above ground level (AGL)  
 993 feet above mean sea level (AMSL)

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

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

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

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

While the structure does not constitute a hazard to air navigation, it would be located within or near a military training area and/or route.

This determination expires on 10/29/2015 unless:

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

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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

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

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

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

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

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

If we can be of further assistance, please contact our office at (847) 294-8084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2014-ASO-3141-OE.

**Signature Control No: 209775195-216519523**

( DNE )

Carole Bernacchi  
Technician

Attachment(s)  
Frequency Data

cc: FCC

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