

EXISTING TREE LINE.



PROPOSED 70'x70' LEASE AREA AND 70'x70' FENCED COMPOUND, SEE SHEET A/E-1.2

PROPOSED MONOPOLE TOWER, SEE DETAIL 1-A/E-2.1

PROPOSED 30'-0" ACCESS/ UTILITY EASEMENT

TREES

FIELD

EXISTING PROPERTY LINE (TYP)

PROPOSED UNDERGROUND UTILITY ROUTES, COORDINATE w/LOCAL UTILITY COMPANIES: PROVIDE PULL CORD, STUB UP, CAP AND STAKE AT PROPERTY LINE SEE DETAIL 1-A/E-8 FOR CONDUIT SIZES

EXISTING GRAVEL ACCESS ROAD TO BE USED AND IMPROVED AS REQUIRED

CAP AND STAKE PROPOSED UTILITY SERVICE AT R.O.W./ PROPERTY LINE

EXISTING PROPERTY LINE AND FENCE

EXISTING FARM ENTRANCE, TO BE USED AND IMPROVED AS REQUIRED

STATE ROUTE 21



1 PARTIAL SITE PLAN
SCALE: 1" = 100'



SHIVE-HATTERY
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PROJECT NO: 8149200-01	
DRAWN BY: MDI	
CHECKED BY: JMD	
A	07/10/14 REVIEW
B	07/16/14 CLIENT REVIEW
C	07/22/14 CLIENT REVIEW
D	08/07/14 CLIENT REVIEW
O	08/15/14 FINAL

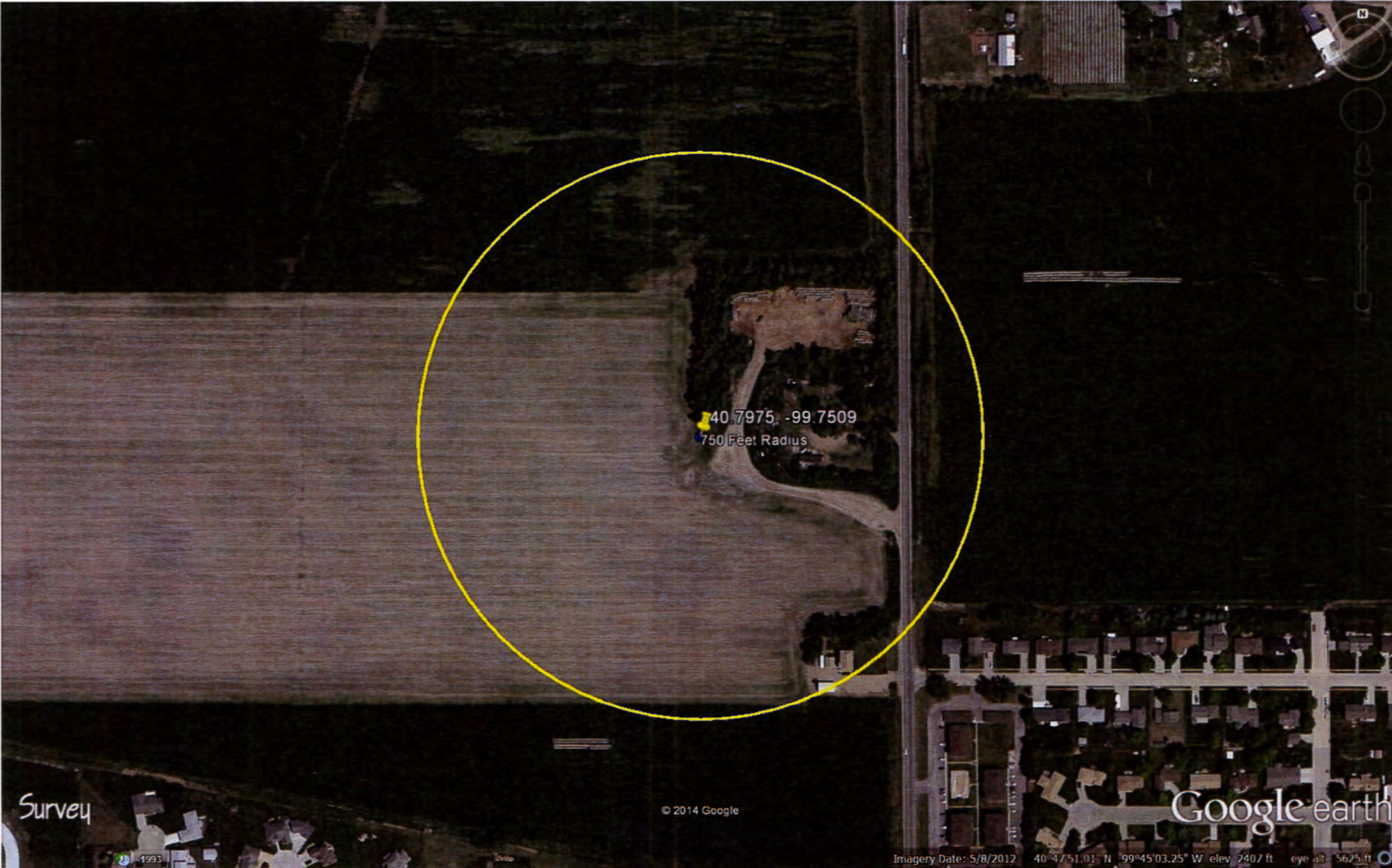
LEXINGTON NORTH
SITE ID# HV759
STATE ROUTE 21
LEXINGTON, NE 68850
DAWSON COUNTY
MONOPOLE TOWER

SHEET TITLE
PARTIAL SITE PLAN

SHEET NUMBER
A/E-1.1







40.7975, -99.7509
750 Feet Radius

Survey

© 2014 Google

Google earth

Imagery Date: 5/8/2012 40°47'51.01" N 99°45'03.25" W elev: 2407 ft eye alt: 5625 ft

There are no competing towers within a 1 mile radius of the proposed tower site. Please see attached registered tower search from the FCC.

40.7975, -99.7509

1 Mile Radius

Lexington

Survey

Google earth

1993


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Imagery Date: 5/8/2012 40°47'39.02" N 99°44'53.03" W elev 2405 ft eye alt 22201 ft

ASR Registration Search

Registration Search Results

Displayed Results

 = Pending Application(s)

Specified Search

Latitude='40-45-28.4 N', Longitude='99-45-3.2 E', Radius=1.6 Kilometers

Registration Number	Status	File Number	Owner Name	Latitude/Longitude	Structure City/State	Overall Height Above Ground (AGL)
1 1292556	Granted	A0906806	Horvath Towers III, LLC	40-44-40.3N 099-44-54.9W	Lexington, NE	50.3

[CLOSE WINDOW](#)



LEXINGTON NORTH

SITE NUMBER: HV759

STATE ROUTE 21
 LEXINGTON, NE 68850
 DAWSON COUNTY

PROPOSED 135' MONOPOLE

PHOTO SIMULATION



SHEET TITLE:	SITE NUMBER:	SITE INFORMATION:	REV.	DATE	DESCRIPTION
COVER	HV759	LEXINGTON NORTH			
	LATITUDE: 40° 47' 50.73" LONGITUDE: 99° 45' 03.37"		STATE ROUTE 21 LEXINGTON, NE 68850 DAWSON COUNTY		
SHEET NUMBER:	POD NUMBER: 14-3525	APPLICANT:			
1	DRAWN BY: NAB CHECKED BY: JMW DATE: 8.18.14	HORVATH COMMUNICATIONS 312 WEST COLFAX AVENUE SOUTH BEND, IN 46601			





PHOTO #1: STATE ROUTE 21 & CHEROKEE ROAD (BEFORE)



PHOTO #1: STATE ROUTE 21 & CHEROKEE ROAD (AFTER)

SHEET TITLE: PHOTO 1	SITE NUMBER: HV759	SITE INFORMATION: LEXINGTON NORTH STATE ROUTE 21 LEXINGTON, NE 68850 DAWSON COUNTY	REV.	DATE	DESCRIPTION	 4500 OLD LAGRANGE ROAD BUCKNER, KY 40010 502-437-5252
	LATITUDE: 40° 47' 50.73" LONGITUDE: 99° 45' 03.37"					
SHEET NUMBER: 2	POD NUMBER: 14-3525	APPLICANT: HORVATH COMMUNICATIONS 312 WEST COLFAX AVENUE SOUTH BEND, IN 46601				
	DRAWN BY: NAB CHECKED BY: JMW DATE: 8.18.14					



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

Aeronautical Study No.
 2014-ACE-2517-OE

Issued Date: 07/28/2014

Brad Hunsberger
 Horvath Towers III, LLC
 312 W. Colfax Ave.
 South Bend, IN 46601

**** 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: Monopole HV759 - Lexington North
 Location: Lexington, NE
 Latitude: 40-47-50.73N NAD 83
 Longitude: 99-45-03.37W
 Heights: 2404 feet site elevation (SE)
 135 feet above ground level (AGL)
 2539 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:

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

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

See attachment for additional condition(s) or information.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 01/28/2016 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 (816) 329-2508. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2014-ACE-2517-OE.

Signature Control No: 220977952-225068147

(DNE)

Vee Stewart
Specialist

Attachment(s)
Additional Information
Frequency Data
Map(s)

cc: FCC

Additional information for ASN 2014-ACE-2517-OE

An aeronautical study was completed on this structure with the submitted above ground level (AGL) height of 155 feet. The study determined that an AGL height of 155 feet exceeds FAR 77.17(a)(3) by 19 feet. The sponsor/rep has provided an e-mail reducing the AGL height to 135 feet. At the revised AGL height of 135 feet the structure would not exceed FAA obstruction standards.

Frequency Data for ASN 2014-ACE-2517-OE

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

TOPO Map for ASN 2014-ACE-2517-OE

