

Exhibit 27.1 - Copy of USGS Topographic Map of Proposed Site

Standard | Advanced | Annotation | Active Tool: Map Navigation

Topo | Imagery | Hydro-NHD | Hill Shade | Blank

Site Location (NAD 27)
NL: 47° 36' 22"
WL: 95° 25' 31"
(47-36-21.6NL; 95-25-31.7WL NAD1983)

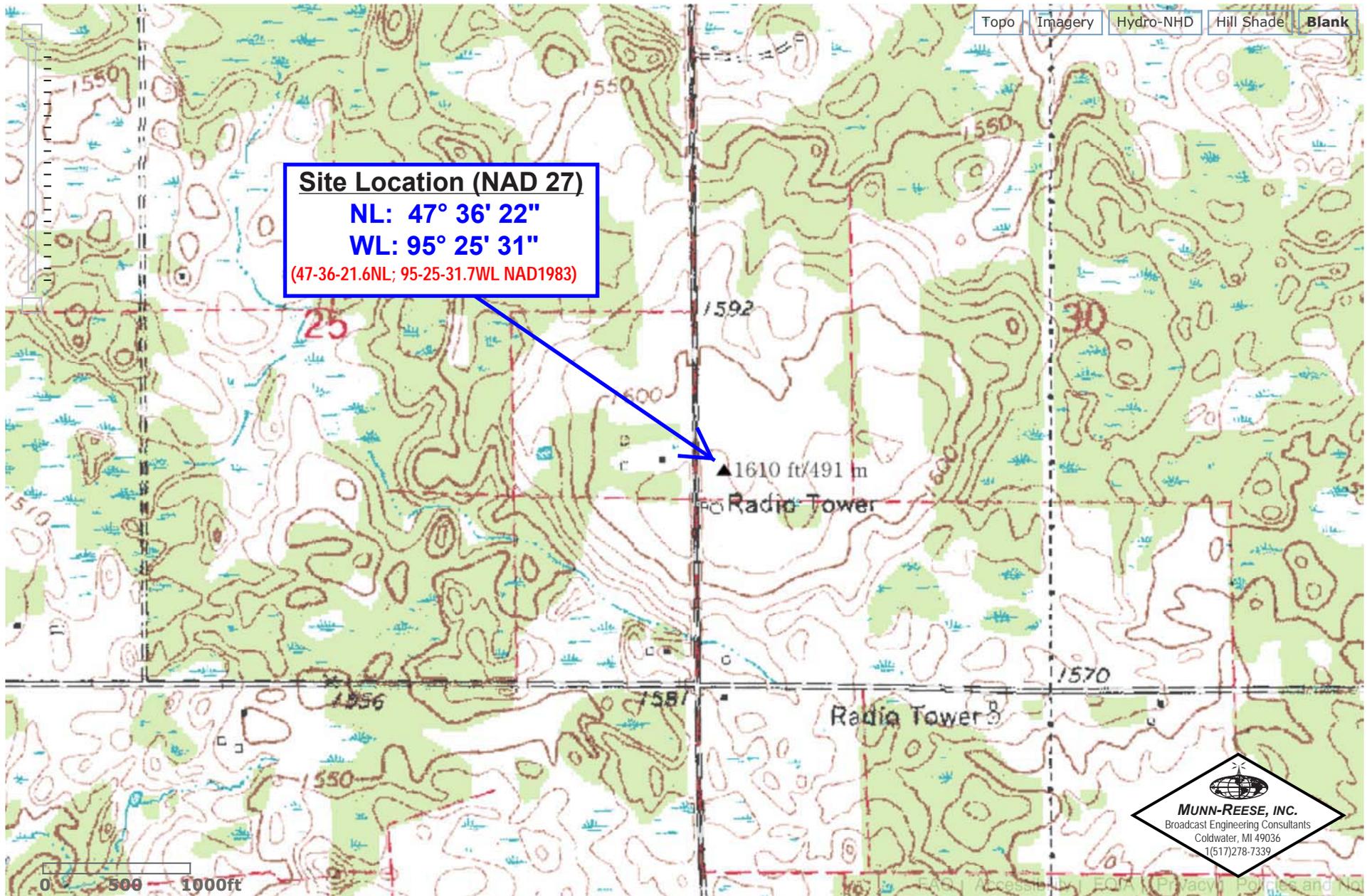


Exhibit 27.2 - Copy of USGS Aerial Photo of Proposed Site

Standard | Advanced | Annotation | Active Tool: Spot Elevation

Topo | Imagery | Hydro-NHD | Hill Shade | Blank

Site Location (NAD 27)

NL: 47° 36' 22"

WL: 95° 25' 31"

(47-36-21.6NL; 95-25-31.7WL NAD1983)

▲ 1519 ft/491 m

0 150 300ft



Exhibit 27.3

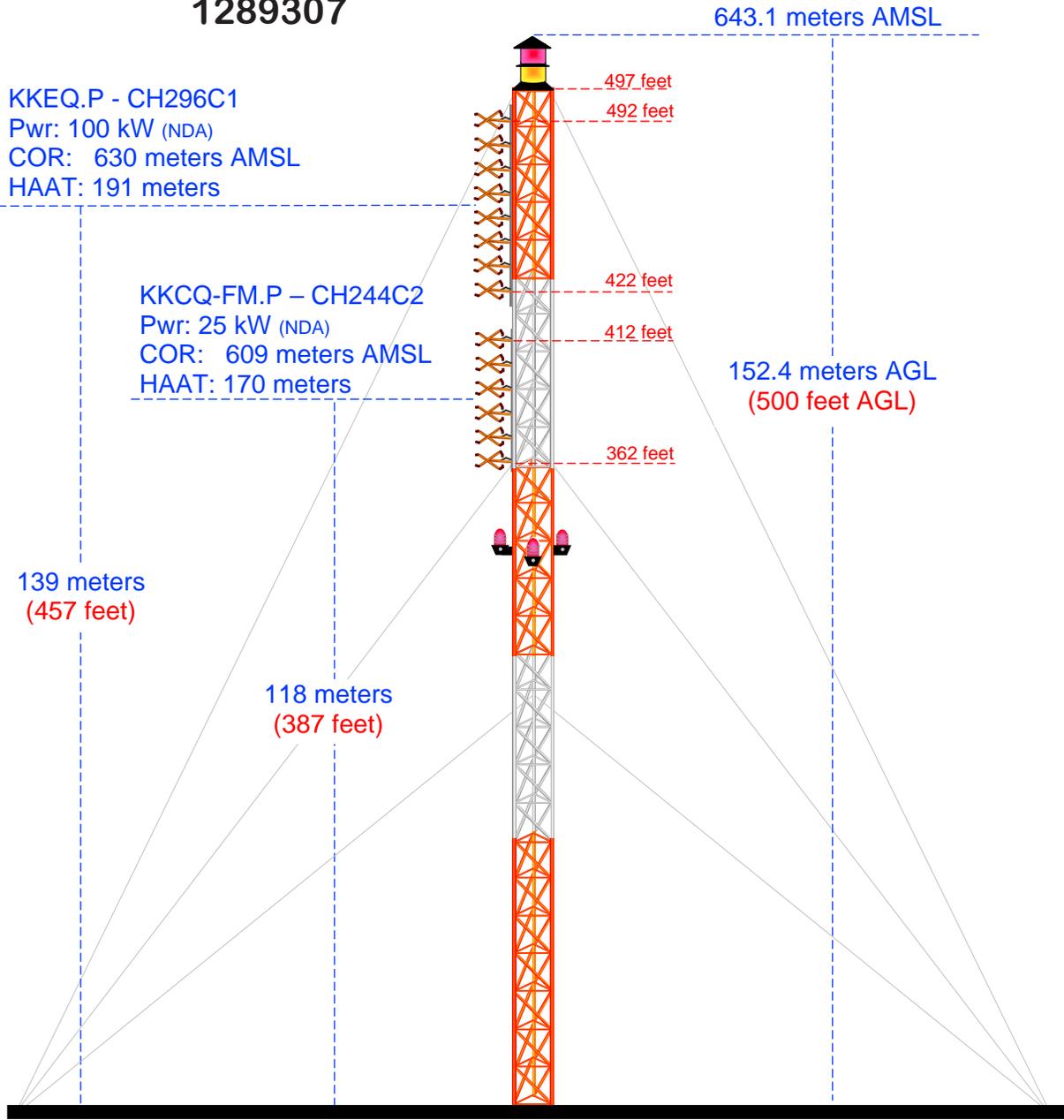
Vertical Plan of Antenna System

<p>The site is located 0.45 km north of the "⚡" Intersection of State Route 92 and 410th Street, the city of Bagley, Clearwater County, Minnesota.</p>	<p>Site Location (NAD 27) NL: 47° 36' 22" WL: 95° 25' 31" (47-36-21.6NL; 95-25-31.7WL NAD1983)</p>
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NOTE: Proposed New Tower Construction

Antenna Structure Registration No.

1289307



Ground Elevation = 490.7 m AMSL
 Drawing is not to Scale

Exhibit 27.4

Proposed FM Operating Specifications

Applicant: Pine to Prairie Broadcasting, Inc.
Call: KKEQ(FM)
City of License: Fosston, MN
Frequency: 107.1 MHz **Channel:** 296C1 **ERP:** 100.0 kW **HAAT:** 191 m
Transmitter Location: The site is located 0.45 km north of the "JL" Intersection of State Route 92 and 410th Street.
City: Bagley
County: Clearwater
State: Minnesota
Site Coordinates: NL: 47° 36' 22" / WL: 95° 25' 31"
Tower Registration Number: 1289307
Proposed Operation: Class C1
Effective Radiated Power: 100.0 kW (H) 100.0 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	191 meters	630 meters	139 meters
Vertical	191 meters	630 meters	139 meters

Elevation of Tower Site : 490.7 Meters AMSL
Overall Height of Structure Above Ground : 152.4 Meters AGL
Overall Height of Structure Above Mean Sea Level: 643.1 Meters AMSL

Exhibit 27.5 Present vs. Proposed Service Contour Study



NED 03 SEC Terrain Database
US Census 2010 PL Database

Proposed 60 dBµ F(50:50)

Licensed 60 dBµ F(50:50)

Proposed 70 dBµ F(50:50)

Licensed 70 dBµ F(50:50)

KKEQ.P
Fosston, MN
Proposed Operation
Facility ID: 52634
Latitude: 47-36-22 N
Longitude: 095-25-31 W
ERP: 100.00 kW
Channel: 296C1
Frequency: 107.1 MHz
AMSL Height: 630.0 m

70 dBµ Contour
Total Population: 28,614
Total Area: 5,613 sq. km

60 dBµ Contour
Total Population: 70,533
Total Area: 12,438 sq. km

KKEQ.L
Fosston, MN
BMLH20050420ABC
Facility ID: 52634
Latitude: 47-36-12 N
Longitude: 095-32-40 W
ERP: 50.00 kW
Channel: 296C2
Frequency: 107.1 MHz
AMSL Height: 577.0 m
Horiz. Pattern: Omni

70 dBµ Contour
Total Population: 14,541
Total Area: 3,331 sq. km

60 dBµ Contour
Total Population: 33,631
Total Area: 8,442 sq. km

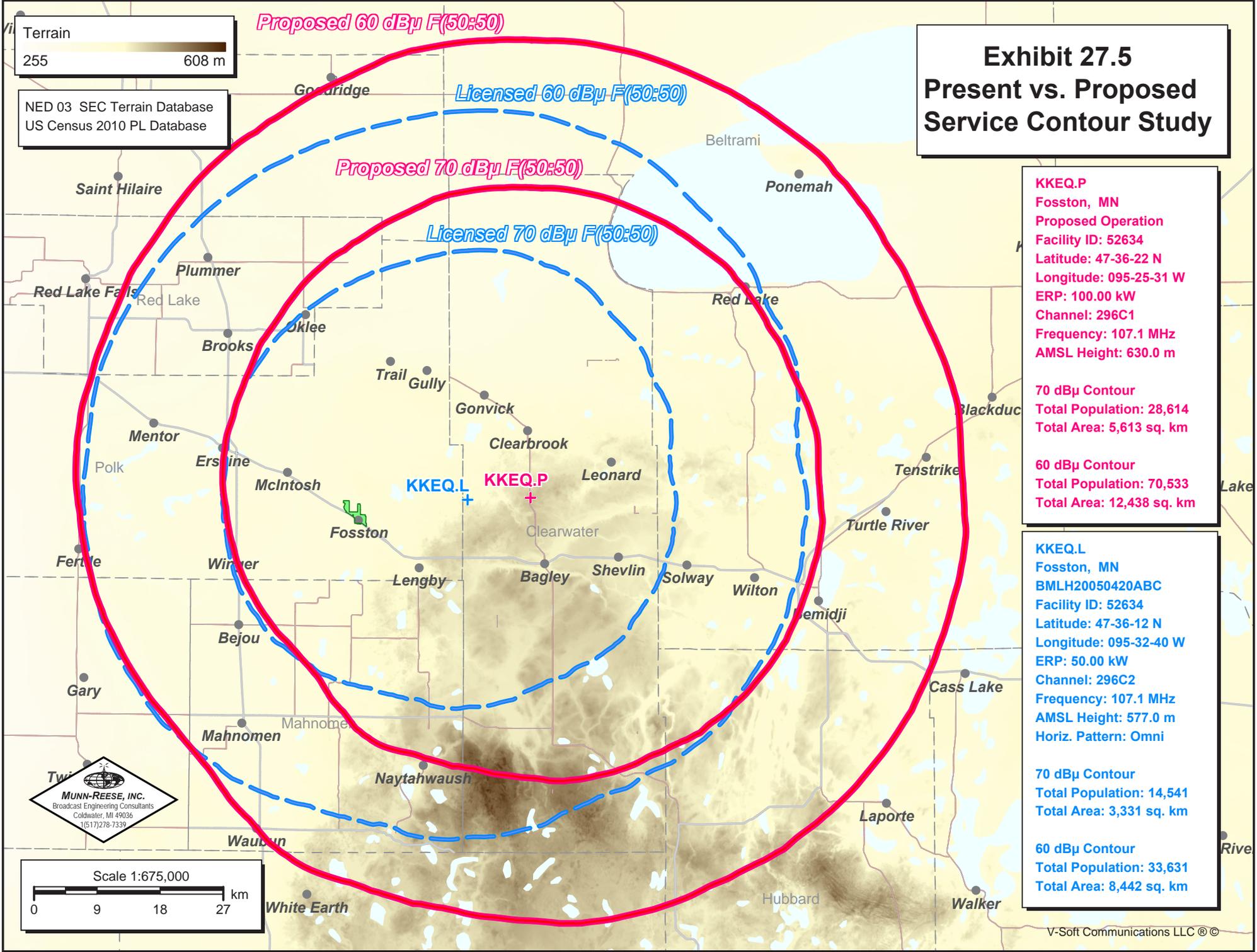
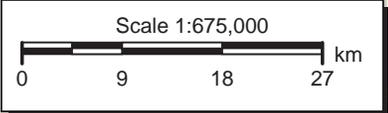


Exhibit 27.6 - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1289307	Status	Granted
File Number	A0844054	Constructed	
EMI	No	Dismantled	
NEPA			

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	47-36-21.6 N 095-25-31.7 W	Address	East side of County Highway 92, approximately 6 miles north of Bagley, MN.
City, State	Bagley , MN		
Zip	56652	County	CLEARWATER
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	490.7	Overall Height Above Ground (AGL)	152.4
Overall Height Above Mean Sea Level	643.1	Overall Height Above Ground w/o Appurtenances	151.5

Painting and Lighting Specifications

FAA Chapters 12, 3, 4, 5
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2013-AGL-6356-OE	FAA Issue Date	07/17/2013
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Owner & Contact Information

FRN	0022457162	Owner Entity Type	Limited Liability Company
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Owner

Clearwater Tower L.L.C. Attention To: Jim Birkemeyer 312 West Main Street Ada , MN 56510	P: (218)784-2844 F: E: jimkrjbkrjm@loretel.net
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Contact

Birkemeyer , Jim 312 West Main Street Ada , MN 56510	P: (218)784-2844 F: E: jimkrjbkrjm@loretel.net
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Last Action Status

Status	Granted	Received	11/07/2013
Purpose	Amendment	Entered	11/07/2013
Mode	Interactive		

Related Applications

11/07/2013 A0844054 - Amendment (AM)

Comments

Comments

- 11/08/2013 NEPA resolved per FONSI letter dated 11/6/13; File number A0844054.
- 11/08/2013 Special Condition: The FAA has approved the absence of steady burning red obstruction (L-810) lights on this structure. Accordingly, this tower will use red flashing lights (L-864) only.
- 11/08/2013 Refer to the Technical Report (Technical Note DOT/FAA/TC-TN12/9 Evaluation of New Obstruction Lighting Techniques to Reduce Avian Fatalities).

All comments (4)

History

Date

11/09/2013

Event

Registration Printed

Automated Letters

11/09/2013 Authorization, Reference