

Registration Detail

Reg Number	1213717	Status	Constructed
File Number	A0518950	Constructed	03/07/2005
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	42-27-27.2 N 085-14-52.6 W	Address	13475 S. M-37 Hwy
City, State	Battle Creek , MI		
Zip	49050	County	BARRY
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	289.9	Overall Height Above Ground (AGL)	77.4
Overall Height Above Mean Sea Level	367.3	Overall Height Above Ground w/o Appurtenances	73.7

Painting and Lighting Specifications

FAA Chapters 4, 8, 12
Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2006-AGL-6936-OE	FAA Issue Date	09/28/2006
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Owner & Contact Information

FRN 0013809207 Owner Entity Type

Owner

CROWN CASTLE TOWER 05 LLC
Attention To: REGULATORY DEPARTMENT
2000 CORPORATE DRIVE
CANONSBURG , PA 15317

P: (724)416-2000
F:
E: REGULATORY.DEPARTMENT@CROWNCastle.COM

Contact

P:
F:
E:

Last Action Status

Status	Constructed	Received	10/02/2006
Purpose	Notification	Entered	10/02/2006

Exhibit 15.2

Vertical Plan of Antenna System

The site is located at 13475 S. M-37 Highway,
the city of Battle Creek, Barry County, Michigan.

Site Location (NAD 27)

NL: 42° 27' 27"

WL: 85° 14' 53"

(42-27-27.2NL; 85-14-52.6WL NAD1983)

NOTE: Existing Tower Construction

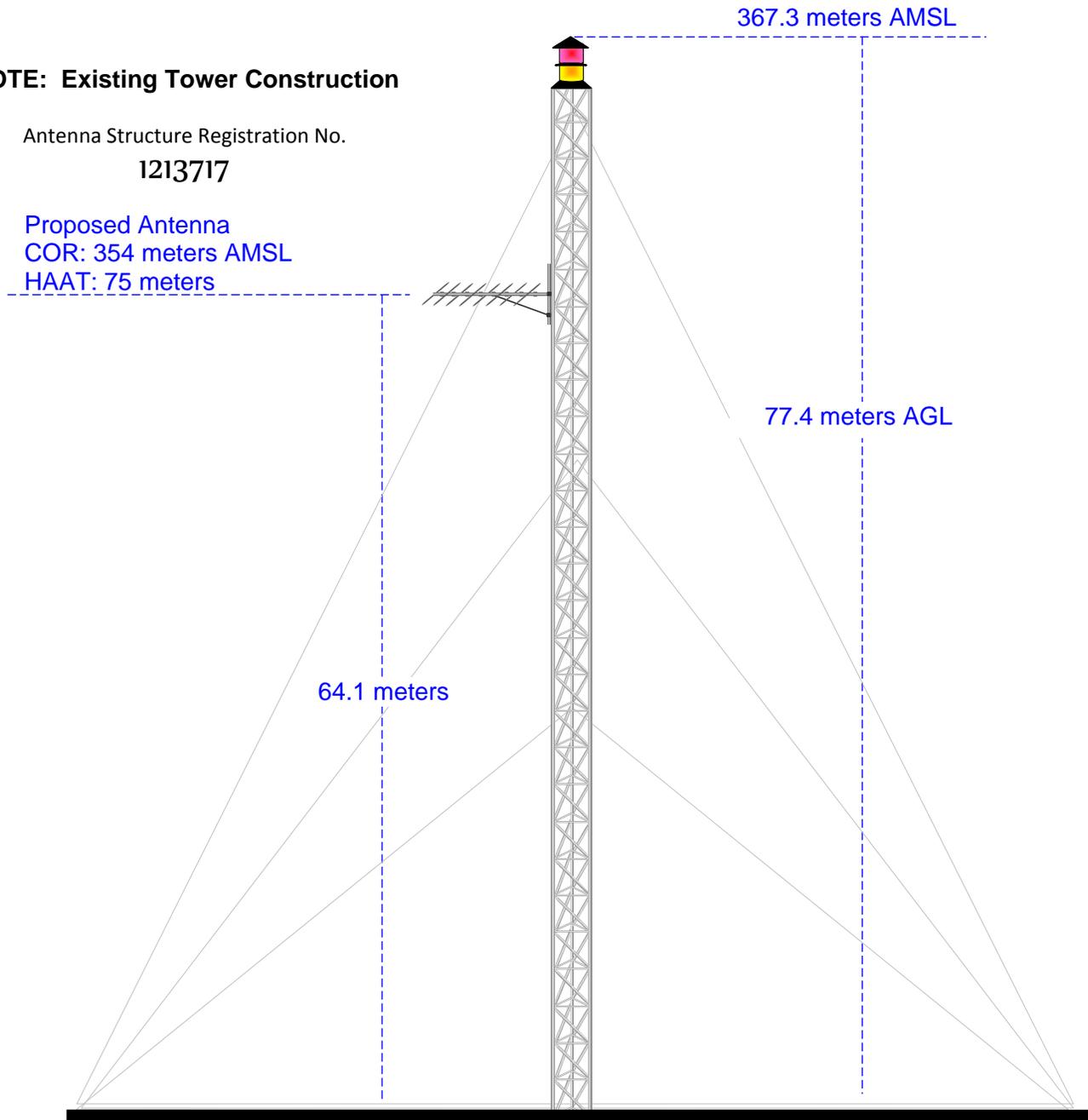
Antenna Structure Registration No.

1213717

Proposed Antenna

COR: 354 meters AMSL

HAAT: 75 meters



Ground Elevation = 289.9 m AMSL

Drawing is not to Scale

MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 15.4 - Map Showing Present & Proposed Service Contours

WSPB-Lic
 BLED20121108AMV
 Latitude: 42-25-13 N
 Longitude: 085-17-13 W
 ERP: 0.205 kW
 Channel: 209
 Frequency: 89.7 MHz
 AMSL Height: 294.0 m
 Elevation: 285.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

 2010 Census Data:

 60 dBu Contour

 Total Population: 6,392
 Total Area: 144 sq. km

WSPB-App
 Bedford, MI
 Latitude: 42-27-27 N
 Longitude: 085-14-53 W
 ERP: 4.50 kW
 Channel: 209
 Frequency: 89.7 MHz
 AMSL Height: 354.0 m
 Elevation: 289.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

 2010 Census Data:

 60 dBu Contour

 Total Population: 110,021
 Total Area: 1,056 sq. km

