



# Wisconsin's Radio Voice of the Master!

WRVM FM 102.7 Suring • WMVM FM 90.7 Goodman/Iron Mountain

## Exhibit 10-6: Supervising Engineer Affidavit 10/28/2012

Alan F. Kilgore supervised the entire scope of the antenna installation process authorized by FCC Permit File Number BMPED-20120613ABC for radio station WYVM.

He was the climber/installer and tower crew chief, stressing the importance of the critical installation for proper alignment and orientation of parts necessary to achieve the desired outcome.

All printed manufacturer's installation instructions and recommendations were understood and followed by installation personnel. The Supervising Engineer was on site for the entire project.

The antenna was secured to the tower per manufacturer specifications using the provided custom-mounting brackets with the orientation 120° True.

The tower and antenna were sighted for alignment by Charley Brinkmeier d/b/a Cornerstone Surveying for correct orientation.

To my knowledge all of the necessary requirements of the permit were met.

The person supervising the project is the Broadcast Engineer responsible for the technical operation of WYVM, who obtained a certification of "Senior Radio Engineer" from the Society of Broadcast Engineers (SBE) in 2000, holds a certification of "Professional Broadcast Engineer" from SBE since 2005, has held FCC General Radiotelephone License PG-6-18888 since 1974 and has held Amateur Radio License WB4THU since 1971.

Alan F Kilgore, CPBE  
Chief Operator WRVM, WMVM, WHJL & WYVM  
WRVM, Inc.

160 FT AGL

140 FT AGL

65.78  
[167cm]

SHORTING STUB

BAY 1

RCAGL: 145 FT

RCAGL: [44.2m]

7/8" E.I.A. 50Ω INPUT

15" FEED LINES--TYPICAL

SPECIFICATIONS	
LENGTH:	5.48 FT [1.67m]
POLARIZATION:	VERTICAL
GAIN:	1.72 (2.37 dB)
WEIGHT:	68 LB [30.8 Kg]
WINDAREA:	5.17 FT <sup>2</sup>
TIA-222-F	(NO ICE)

REV.	MADE BY CHECKED BY	DATE	CHANGE

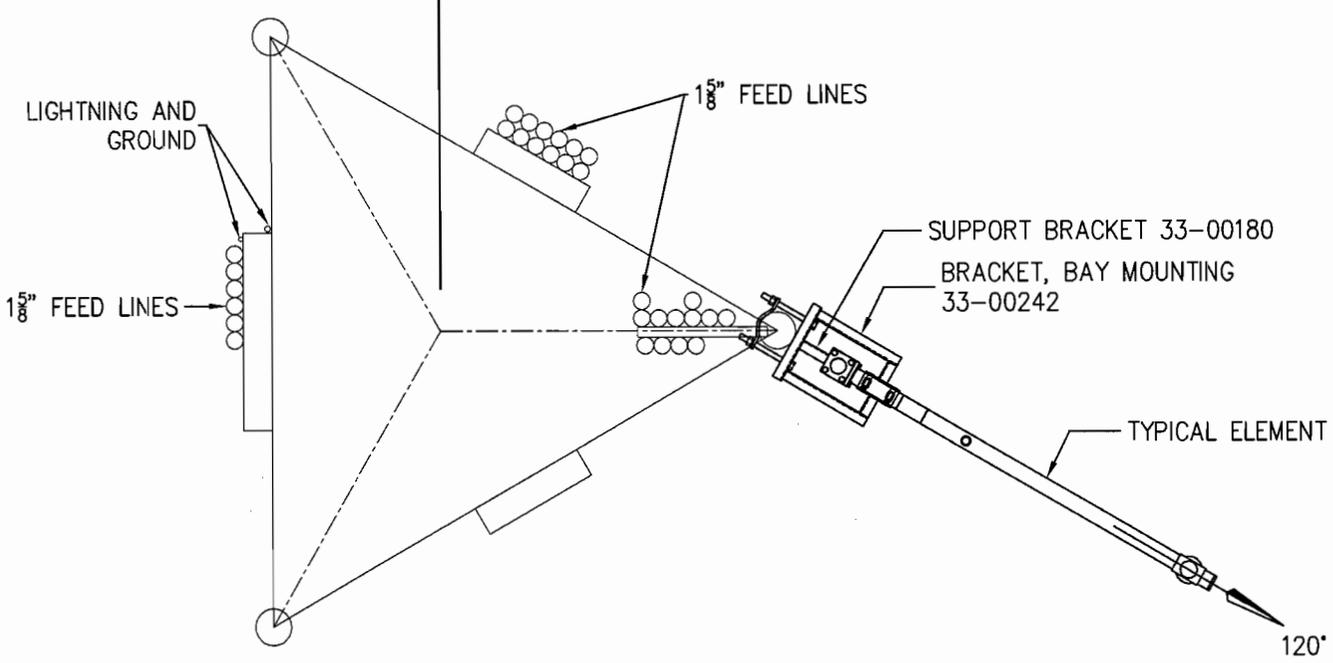
# PROPAGATION SYSTEMS, INC.

Ebensburg, Pennsylvania USA 814-472-5540

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SIZE  
**A**

ELEVATIONS AND SPECIFICATIONS			
MODEL:	PSIFMV-1-DA	DRAWN BY:	D.G. Kellar
CHANNEL/ FREQUENCY:	90.9 MHz	APPROVED BY:	
SCALE:	1:50	DRAWING NO.:	J712FM-1106-001
		DATE:	8/14/12
			REV.



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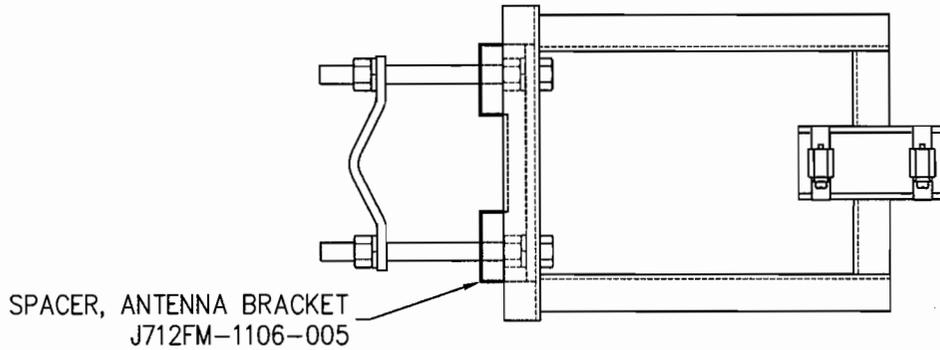
SIZE  
**A**

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PLAN VIEW AND ORIENTATION

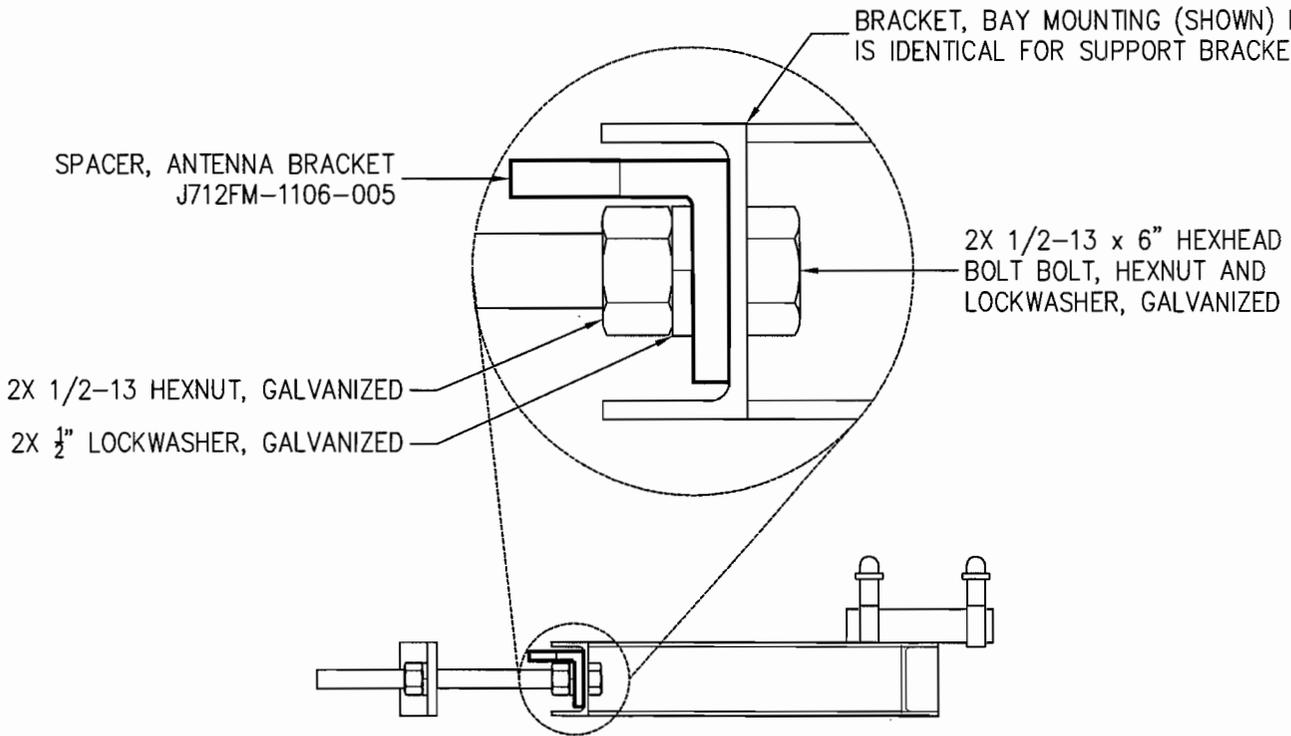
MODEL: PSIFMV-1-DA	DRAWN BY: D.G. Kellar	DATE: 8/14/12
CHANNEL/ FREQUENCY: 90.9 MHz	APPROVED BY:	DATE:
SCALE: 1:20	DRAWING NO.:	REV.

J712FM-1106-002



SPACER, ANTENNA BRACKET  
J712FM-1106-005

BRACKET, BAY MOUNTING (SHOWN) INSTALLATION IS IDENTICAL FOR SUPPORT BRACKET 33-00180



SPACER, ANTENNA BRACKET  
J712FM-1106-005

2X 1/2-13 x 6" HEXHEAD  
BOLT BOLT, HEXNUT AND  
LOCKWASHER, GALVANIZED

2X 1/2-13 HEXNUT, GALVANIZED

2X 1/2" LOCKWASHER, GALVANIZED

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## SPACER, ANTENNA BRACKET, INSTALLATION

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SIZE  
**A**

MODEL: PSIFMV-1-DA	DRAWN BY: D.G. Kellar	DATE: 8/14/12
CHANNEL/ FREQUENCY: 90.9 MHz	APPROVED BY:	DATE:
SCALE: 1:5.33	DRAWING NO.:	REV.
J712FM-1106-006		

