



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST TRANSLATOR/BOOSTER STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

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CENTRAL MICHIGAN UNIVERSITY  
340 MOORE HALL  
MT. PLEASANT MI 48859

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James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

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Facility Id: 94015

Call Sign: W214BH

Permit File Number: BPFT-20091001ACQ

Grant Date: November 10, 2009

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: CENTRAL MICHIGAN UNIVERSITY

Principal community to be served: MI-MOUNT PLEASANT

Primary Station: WMHW-FM (FM) , Channel 218, MOUNT PLEASANT, MI

Via: Other

Frequency (MHz): 90.7

Channel: 214

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 34 min 33 sec  
West Longitude: 84 deg 46 min 29 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Directional

Major lobe directions 340  
(degrees true):

	Horizontally	Vertically
	Polarized	Polarized
	Antenna:	Antenna:

Effective radiated power in the Horizontal Plane (kw):	0.1
Height of radiation center above ground (Meters):	137
Height of radiation center above mean sea level (Meters):	380

Antenna structure registration number: 1002165

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 BEFORE PROGRAM TESTS COMMENCE, sufficient measurements shall be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements shall be submitted to the Commission along with the FCC Form 350-FM application for license.
- 2 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

\*\*\* END OF AUTHORIZATION \*\*\*