



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

HOOSIER AM/FM, LLC

275 GROVE STREET

BLDG 2-400

NEWTON MA 02466

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Facility Id: 41841

Call Sign: WBAT

Permit File Number: BP-20220316AAK

Grant Date: May 31, 2022

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

Change transmitter location.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

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.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	7:00 AM	4:45 PM	Jul.	4:30 AM	7:15 PM
Feb.	6:30 AM	5:15 PM	Aug.	4:45 AM	6:45 PM
Mar.	6:00 AM	5:45 PM	Sep.	5:15 AM	6:00 PM
Apr.	5:00 AM	6:15 PM	Oct.	6:00 AM	5:00 PM
May	4:30 AM	6:45 PM	Nov.	6:30 AM	4:30 PM
Jun.	4:15 AM	7:15 PM	Dec.	7:00 AM	4:15 PM

Callsign: WBAT

Permit No.: BP-20220316AAK

Name of Permittee: HOOSIER AM/FM, LLC

Station Location: MARION, IN

Frequency (kHz): 1400

Station Class: C

Antenna Coordinates:

Day

Latitude: N 40 Deg 33 Min 14 Sec

Longitude: W 85 Deg 38 Min 43 Sec

Night

Latitude: N 40 Deg 33 Min 14 Sec

Longitude: W 85 Deg 38 Min 43 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 0.65 Night: 0.65

Antenna Mode: Day: ND Night: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1028022	

Night:

Tower No.	ASRN	Overall Height (m)
1	1028022	

Non-Directional Antenna: Day

Radiator Height: 60.9 meters; 102.5 deg

Theoretical Efficiency: 313.75 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 60.9 meters; 102.5 deg

Theoretical Efficiency: 313.75 mV/m/kw at 1km

## Special operating conditions or restrictions:

- 1 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 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.
- 3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 4 Ground system consists of 120 buried copper radials surrounding the base of the tower, each an average of 60.96 m long.
- 5 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WBAT, Fac. ID no. 41841, and WMRI, Fac. ID no. 6337, and there shall be filed with the license application copies of a firm agreement entered into by the stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations WBAT, Fac. ID no. 41841, and WMRI, Fac. ID no. 6337 shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.
- 6 Permittee/Licensee shall accept such interference as may be imposed by other existing 250 watt Class C stations in the event that they are subsequently authorized to increase power to 1000 watts.

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