

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR
BROADCAST STATION
CONSTRUCTION PERMIT

Licensee/Permittee

WXMI, LLC
WXMI (TV)
3117 PLAZA DRIVE, NE
GRAND RAPIDS, MI, 49525

Call Sign	File Number
WXMI	0000053423

Facility ID: 68433

NTSC TSID: 1508

Digital TSID: 1509

This Permit Modifies License File No.: BLCDT-20141105ACV

Grant Date 06/27/2018		Expiration Date 36 months after the grant date
Hours of Operation Unlimited		
Station Location City GRAND RAPIDS State MI	Frequency (MHz) 524.0 - 530.0	Station Channel 23

Antenna Structure Registration Number 1268774	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 42-17-19.8 N Longitude 85-9-12.2 W	Antenna Type Directional
Description of Antenna Make JAM Model JA/LS-CF-16	Major Lobe Directions 25.0 245.0 315.0

Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 54	Height of Radiated Center Above Mean Sea Level (Meters) 318.8
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.
- Prior to construction of the tower authorized herein, permittee shall notify AM Station(s) listed below so that, if necessary, the AM station(s) may determine operating power by the indirect method and request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission. Callsign: WTOU City: BATTLE CREEK State: MI

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.

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