



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

Authorizing Official:

Official Mailing Address:

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IOWA PUBLIC BROADCASTING BOARD  
P.O.BOX 6450  
JOHNSTON IA 50131

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 29086  
Analog TSID: 932  
Digital TSID: 933  
Call Sign: KYIN  
Permit File Number: BMPEDT-20060714ABL  
This Permit Modifies Permit No.: BPEDT-20000427ACI

Grant Date: December 13, 2006  
  
This permit expires 3:00 a.m.  
local time, 6 months after the  
grant date specified above.

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.

Name of Permittee: IOWA PUBLIC BROADCASTING BOARD

Station Location: IA-MASON CITY

Frequency (MHz): 494 - 500

Channel: 18

Hours of Operation: Unlimited

Callsign: KYIN

Permit No.: BMPEDT-20060714ABL

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

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

Description: DIE, TFU-22DSC-R 4P230

Beam Tilt: 1.25 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 43 deg 28 min 32 sec

West Longitude: 92 deg 42 min 29 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 250 kW  
24 DBK

Height of radiation center above ground: 449.6 Meters

Height of radiation center above mean sea level: 838.2 Meters

Height of radiation center above average terrain: 448.5 Meters

Antenna structure registration number: 1253749

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

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