



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

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF NORTHERN IOWA
324 COMMUNICATION ARTS CENTER
CEDAR FALLS IA 50614

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 144461

Call Sign: K233DD

Permit File Number: BNPFT-20151215AAF

Grant Date: January 07, 2016

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: UNIVERSITY OF NORTHERN IOWA

Principal community to be served: IA-IOWA CITY

Primary Station: WOI (AM) , Frequency 640 kHz, AMES, IA

Via: Direct - off-air

Frequency (MHz): 94.5

Channel: 233

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 41 deg 39 min 10 sec
 West Longitude: 91 deg 36 min 42 sec

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

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

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.08	0.08
Height of radiation center above ground (Meters):	50	50
Height of radiation center above mean sea level (Meters):	287	287

Antenna structure registration number: 1058854

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 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.
- 2 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
- 3 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.

*** END OF AUTHORIZATION ***