



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

Authorizing Official:

Official Mailing Address:

RADIO BY GRACE, INC.
4111 PLAINS BLVD
AMARILLO TX 79106

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 138494

Call Sign: K253CA

Permit File Number: BNPFT-20130924AFU

Grant Date: January 29, 2014

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: RADIO BY GRACE, INC.

Principal community to be served: AK-EAGLE RIVER

Primary Station: KOAN (AM) , Frequency 1080 kHz, ANCHORAGE, AK

Via: Microwave

Frequency (MHz): 98.5

Channel: 253

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 61 deg 09 min 56 sec
 West Longitude: 149 deg 49 min 35 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	Vertically
	Polarized	Polarized
	Antenna:	Antenna:

Effective radiated power in the Horizontal Plane (kw):	0.25
Height of radiation center above ground (Meters):	84
Height of radiation center above mean sea level (Meters):	132

Antenna structure registration number: 1006186

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.

Special operating conditions or restrictions:

- 3 If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.

If the antenna is mounted on an existing tower that is base-insulated or detuned at the frequency of AM Station(s) listed below, the applicant shall notify the AM station. If necessary, the AM station may determine operating power by a method described in Section 73.51(a)(1) or (d). Permittee shall be responsible for readjustment and continued maintenance of any detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both before and after the installation of the antenna and transmission line, AM antenna impedance measurements shall be made and sufficient field strength measurements, taken at a minimum of 8 locations along each of 6 equally spaced radials, shall be made to establish that the AM radiation pattern is essentially omnidirectional. The results of the field strength measurements and the impedance measurements shall be submitted to the Commission in an application on FCC Form 302 notifying of the AM station's return to the direct method of power determination. (See Section 73.45(c), FCC Rules).

KENI (AM), Anchorage, AK, 650 kHz.

KTZN (AM), Anchorage, AK, 550 kHz.

*** END OF AUTHORIZATION ***