



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

Authorizing Official:

Official Mailing Address:

RIVERFRONT BROADCASTING, LLC
407 WEST 11TH STREET
YANKTON SD 57078

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 17678

Call Sign: KOTA

Permit File Number: BP-20011026AAR

Grant Date: February 04, 2003

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

Permit to change licensed nighttime augmentations.

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.	8:30 AM	5:45 PM	Jul.	5:15 AM	8:30 PM
Feb.	8:00 AM	6:15 PM	Aug.	6:00 AM	8:00 PM
Mar.	7:00 AM	7:00 PM	Sep.	6:30 AM	7:00 PM
Apr.	6:15 AM	7:30 PM	Oct.	7:00 AM	6:15 PM
May	5:30 AM	8:15 PM	Nov.	7:45 AM	5:30 PM
Jun.	5:15 AM	8:30 PM	Dec.	8:15 AM	5:15 PM

Callsign: KOTA

Permit No.: BP-20011026AAR

Name of Permittee: RIVERFRONT BROADCASTING, LLC

Station Location: RAPID CITY, SD

Frequency (kHz): 1380

Station Class: B

Antenna Coordinates:

Day

Latitude: N 44 Deg 02 Min 00 Sec

Longitude: W 103 Deg 11 Min 15 Sec

Night

Latitude: N 44 Deg 02 Min 00 Sec

Longitude: W 103 Deg 11 Min 15 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1042912	

Night:

Tower No.	ASRN	Overall Height (m)
1	1042911	
2	1042912	
3	1042913	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 825.7
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 868.62
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.8020	-143.900	100.0000	8.000	0	153.0
2	1.0000	0.000	0.0000	0.000	0	153.0
3	0.4220	134.400	100.0000	188.000	0	153.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	104.0	30.0	132.00
2	139.0	40.0	272.00
3	231.0	40.0	260.00

Non-Directional Antenna: Day

Radiator Height: 92.4 meters; 153 deg

Theoretical Efficiency: 350.84 mV/m/kw at 1km

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Night:

Azimuth:	Radiation:
104	132 mV/m
188	459.76 mV/m
272	107.41 mV/m

Special operating conditions or restrictions:

- 1 A complete nondirectional proof of performance, in addition to a complete proof on the nighttime directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.

- 2 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.

- 3 The license application to cover this authorization may refer to and rely upon the technical data contained in the engineering report filed in BL-20011026ABG to establish that the array is adjusted to within the pattern authorized herein.

*** END OF AUTHORIZATION ***