



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL TELEVISION REPLACEMENT TRANSLATOR
BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

Gray Television Licensee, LLC
4370 Peachtree Road, NE
ATLANTA GA 30319

Hossein Hashemzadeh
Deputy Chief
Video Division
Media Bureau

Facility Id: 17688

Grant Date: February 07, 2011

Analog TSID: 2632

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

Digital TSID: 2633

Call Sign: KOTA-TV

Permit File Number: BDRTCDT-20110119ADU

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.

Name of Permittee: Gray Television Licensee, LLC

Station Location: SD-RAPID CITY

Frequency (MHz): 494 - 500

Channel: 18

Hours of Operation: Unlimited

Callsign: KOTA-TV

Permit No.: BDRTCDT-20110119ADU

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

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

Description: MCX CS-2030-A-14 (E/P)

Major lobe directions (degrees true): Not Applicable

Beam Tilt: 1.25 Degrees

Antenna Coordinates: North Latitude: 44 deg 04 min 08 sec

West Longitude: 103 deg 15 min 03 sec

Maximum Effective Radiated Power (ERP): 15 kW

Transmitter Output Power: 1.8 kW

Height of radiation center above ground: 146 Meters

Height of radiation center above mean sea level: 1292 Meters

Antenna structure registration number: 1042359

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

Out-of-Channel Emission mask: Stringent

Special operating conditions or restrictions:

- 1 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.

*** END OF AUTHORIZATION ***