



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

Authorizing Official:

Official Mailing Address:

PUBLIC BROADCASTING OF COLORADO, INC.  
BRIDGES BROADCAST CENTER  
7409 SOUTH ALTON COURT  
CENTENNIAL CO 80112

George H. Gwinn  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 140238

Call Sign: K260AL

Permit File Number: BMPFT-20040512AAB

Grant Date: August 27, 2004

The authority granted herein has no effect on the expiration date of the underlying construction permit.

This Permit Modifies Permit No.: BNPFT-20030808ADC

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: PUBLIC BROADCASTING OF COLORADO, INC.

Principal community to be served: CO-ARVADA

Primary Station: KVOD (FM) , Channel 201, LAKEWOOD, CO

Via: Direct - off-air

Frequency (MHz): 99.9

Channel: 260

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 39 deg 47 min 51 sec  
West Longitude: 105 deg 19 min 50 sec

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

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

Major lobe directions 68  
(degrees true):

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.011	0.011
Height of radiation center above ground (Meters):	6	6
Height of radiation center above mean sea level (Meters):	2547	2547

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 6 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 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.
  
- 2 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.

## Special operating conditions or restrictions:

- 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 application for license.
- 4 Warning signs which describe the radiofrequency electromagnetic field must be posted at appropriate intervals. Access must be restricted to prevent the exposure of humans to RF emissions in excess of the FCC guidelines (OET Bulletin No. 65, Edition 97-01, released August 1997). Permittee shall submit documentation of compliance with this special operating condition when filing FCC Form 350, application for license.
- 5 PROGRAM TESTS FOR BMPFT-20040512AAB WILL NOT COMMENCE ON CHANNEL 260 UNTIL PROGRAM TESTS FOR BMPED-20030509ACI COMMENCE ON CHANNEL 202 AND A LICENSE WILL NOT BE GRANTED FOR 20040512AAB ON CHANNEL 260 UNTIL A LICENSE IS GRANTED FOR BMPED-20030509ACI ON CHANNEL 202.

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