



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

Authorizing Official:

Official Mailing Address:

PUBLIC BROADCASTING OF COLORADO, INC.  
7409 S. ALTON CT.  
CENTENNIAL CO 80112

James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

Facility Id: 158251

Call Sign: K215FM

Permit File Number: BPFT-20160629ACF

Grant Date: July 14, 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: PUBLIC BROADCASTING OF COLORADO, INC.

Principal community to be served: CO-FORT COLLINS

Primary Station: KVOQ (FM) , Channel 272, GREENWOOD VILLAGE, CO

Via: K206EO

Frequency (MHz): 90.9

Channel: 215

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 40 deg 29 min 36 sec  
 West Longitude: 105 deg 10 min 53 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 70 310  
 (degrees true):

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.006	0.006
Height of radiation center above ground (Meters):	10	10
Height of radiation center above mean sea level (Meters):	2079	2079

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 20 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 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.

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