



United States of America
FEDERAL COMMUNICATIONS COMMISSION
LOW POWER FM BROADCAST STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

PUBLIC MEDIA INSTITUTE
CO-PROSPERITY SPHERE
3219-21 S MORGAN STREET
CHICAGO IL 60608

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility ID: 197687

Grant Date: December 05, 2014

Call Sign: WLPN-LP

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

Permit File Number: BNPL-20131115AVQ

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 made only 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. See Section 73.875.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: PUBLIC MEDIA INSTITUTE

Station Location: IL-CHICAGO

Frequency (MHz): 105.5

Channel: 288

Class: LP100

Hours of Operation: Unlimited

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

Transmitter output power: As required to operate within authorized range of effective radiated power.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 41 deg 52 min 09 sec
West Longitude: 87 deg 41 min 36 sec

Maximum Effective radiated power in the Horizontal Plane (watts): 100
Minimum Effective radiated power in the Horizontal Plane (watts): 50
Height of radiation center above ground (Meters): 30
Height of radiation center above mean sea level (Meters): 212
Height of radiation center above average terrain (Meters): 30

Antenna structure registration number: 1009155

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 AM station identified below may be affected by the facilities authorized by this construction permit. Pursuant to Section 1.30004 of the Commission's Rules, at least 30 days prior to commencement of construction of the facilities authorized herein, the permittee must provide notification of the construction to the AM station licensee. As part of this notification, the permittee must examine the potential impact of the construction of the authorized facilities on the AM station using a moment method analysis. The analysis shall consist of a model of the AM antenna together with the potential re-radiating tower in a lossless environment. The model shall employ the methodology specified in Section 73.151(c) of the Commission's Rules, except that the AM antenna elements may be modeled as a series of thin wires driven to produce the required radiation pattern, without any requirement for measurement of tower impedances. If the AM station was authorized pursuant to a directional proof of performance based on field strength measurements, the permittee may, in lieu of the moment method analysis, demonstrate with measurements taken before and after construction that field strength values at the monitoring points do not exceed the licensed values. If the construction results in radiation values in excess of the AM station's licensed standard pattern or augmented pattern values, the permittee is responsible for the installation and maintenance of any detuning apparatus necessary to restore proper operation of the directional antenna. (See Section 1.30002 of the Commission's Rules.) The permittee must submit confirmation of completion of these notice and analysis requirements in the application for license to cover this construction permit. If the facilities authorized by this Construction Permit do not result in a significant modification of the existing tower specified as defined in Section 1.30002(d) of the Commission's Rules, the permittee shall submit a certification and any necessary evidence supporting that certification in the Application for License.
Station

WNTD(AM), Facility ID No. 6589, Chicago, IL.

Special operating conditions or restrictions:

- 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.

*** END OF AUTHORIZATION ***