

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

IDEASTREAM
IDEA CENTER
1375 EUCLID AVENUE
CLEVELAND, OH, 44115

Call Sign	File Number
W34FP-D	0000054261

Facility ID: 18559

NTSC TSID:

Digital TSID:

This Permit Modifies License File No. BLDTT-20120104AAO

Grant Date 07/16/2019		Expiration Date 36 months after the grant date	
Hours of Operation Unlimited			
Station Location City EASTLAKE State OH		Frequency (MHz) 590.0 - 596.0	Station Channel 34

Antenna Structure Registration Number 1221006	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 41-41-28.2 N Longitude 81-2-47.3 W	Antenna Type Directional
Description of Antenna Make ERI Model ALP8L1-HSH-384	Major Lobe Directions 56.0 234.0
Antenna Beam Tilt (Degrees Electrical) 0.25	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 9.2 kW 9.64 DBK	
Height of Radiated Center Above Ground (Meters) 65.8	Height of Radiated Center Above Mean Sea Level (Meters) 448.8
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions



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.

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