



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

KTRS-AM LICENSE, L.L.C.
638 WEST PORT PLAZA
ST LOUIS MO 63146

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: June 06, 2005

Facility Id: 20359

Call Sign: KTRS

Permit File Number: BP-20050119AAP

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

Permit to correct coordinates.

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:30 PM	Oct.	6:15 AM	5:30 PM
May	4:45 AM	7:00 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:45 PM

Callsign: KTRS

Permit No.: BP-20050119AAP

Name of Permittee: KTRS-AM LICENSE, L.L.C.

Station Location: ST. LOUIS, MO

Frequency (kHz): 550

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 39 Min 45 Sec

Longitude: W 90 Deg 07 Min 43 Sec

Night

Latitude: N 38 Deg 39 Min 45 Sec

Longitude: W 90 Deg 07 Min 43 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1033704	

Night:

Tower No.	ASRN	Overall Height (m)
1	1033704	
2	1033701	
3	1033703	
4	1033702	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 692.02
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 730.284
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.1900	-108.000	0.0000	0.000	0	89.6
2	1.0000	0.000	90.0000	94.000	0	89.6
3	0.8930	-153.000	210.0000	90.000	0	89.6
4	0.7500	-45.000	90.0000	94.000	1	89.6

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	44.0	10.0	255.24
2	60.0	32.0	84.81
3	60.0	10.0	149.28
4	83.0	34.0	80.47
5	154.0	10.0	532.10
6	219.0	28.0	329.92
7	320.0	38.0	283.24
8	320.0	20.0	345.20

Non-Directional Antenna: Day

Radiator Height: 135.8 meters; 89.6 deg

Theoretical Efficiency: 307.38 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 2 This authority subject to condition that in the event of cross-modulation occurs with KJSL (ID#73299) due to interaction of respective antenna system, licensee of KTRS accepts full responsibility for and will take appropriate technical measures to correct same.
- 3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.

*** END OF AUTHORIZATION ***