

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KSMO-TV
KANSAS CITY, MISSOURI
CHANNEL 32 750 KW (H), 321.4 KW (V) 358 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KSMO-TV, Kansas City, MO (Channel 32). The proposed KSMO-TV facility will replace its existing top-mounted non-directional antenna with a new top-mounted non-directional antenna. There will be no increase in the overall height of the existing tower structure.

2. The ground elevation of the transmitter site was updated to agree with the antenna structure registration data. With that change, the antenna radiation center height above mean sea level is specified as 616.5 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated to the value in agreement with that given by the FCC’s *TVStudy* analysis software.

3. There is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

4. The instant proposal is compliant with the principal city coverage requirements of Kansas City. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).