

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION WHIZ-TV
ZANESVILLE, OHIO
CHANNEL 30 500 KW (H), 125.6 KW (V) 168 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WHIZ-TV, Zanesville, OH (Channel 30). The proposed WHIZ-TV facility will replace a top-mounted antenna with a new top-mounted antenna of similar type as authorized at the same height. It is noted that the antenna radiation center height above average terrain (HAAT) has been adjusted to agree with the FCC’s *TVStudy* calculation procedure. However, there will be no change in the height of the antenna radiation center as now authorized; nor in the overall structure height as a result of the change.

2. Through the work undertaken in preparing for the Incentive Auction repack, it was discovered recently that the WHIZ-TV authorized antenna differs from the as-built antenna. The FCC approved a Special Temporary Authorization for use of the WHIZ-TV as-built antenna until the antenna can be replaced in the coming channel repack. See FCC File No. 0000022330 for details.

3. The proposed maximum effective radiated power for the proposed facility was adjusted to 500 kW to account for minor differences in the proposed antenna azimuth pattern and the WHIZ-TV baseline facility antenna pattern. 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 city coverage requirements of Zanesville. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).