

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION WEDW(TV)
BRIDGEPORT, CONNECTICUT
CHANNEL 21 99.4 KW (MAX-DA) 219 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WEDW(TV), Bridgeport, CT (Channel 21). The proposed WEDW(TV) facility will replace a top-mounted antenna with a new top-mounted antenna of similar type with a similar azimuthal radiation pattern. There will be no change in the overall registered structure height.

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 303.5 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. The proposed facility is within 1% of the WEDW(TV) baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. See attached *TVStudy* Analysis.

4. The proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

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