

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KFPX-TV
NEWTON, IOWA
CHANNEL 36 103 KW (H), 25.8 KW (V) 156 M HAAT

1. The instant application is the initial 90-day 'Checklist' application for the reassigned facilities of KFPX-TV, Newton, Iowa (Channel 36). The proposed KFPX-TV facility will replace the existing KFPX-TV top-mounted pylon. There will be a small increase in the antenna radiation center height from 143 m AGL to 145.8 m AGL as a result in the antenna change. However, there will be no change in the overall structure height.
2. The proposed maximum directional effective radiated power was adjusted to 103 kW to account for the increase in antenna radiation center height. 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.
3. The instant proposal is compliant with the city coverage requirements of Newton, Iowa. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).