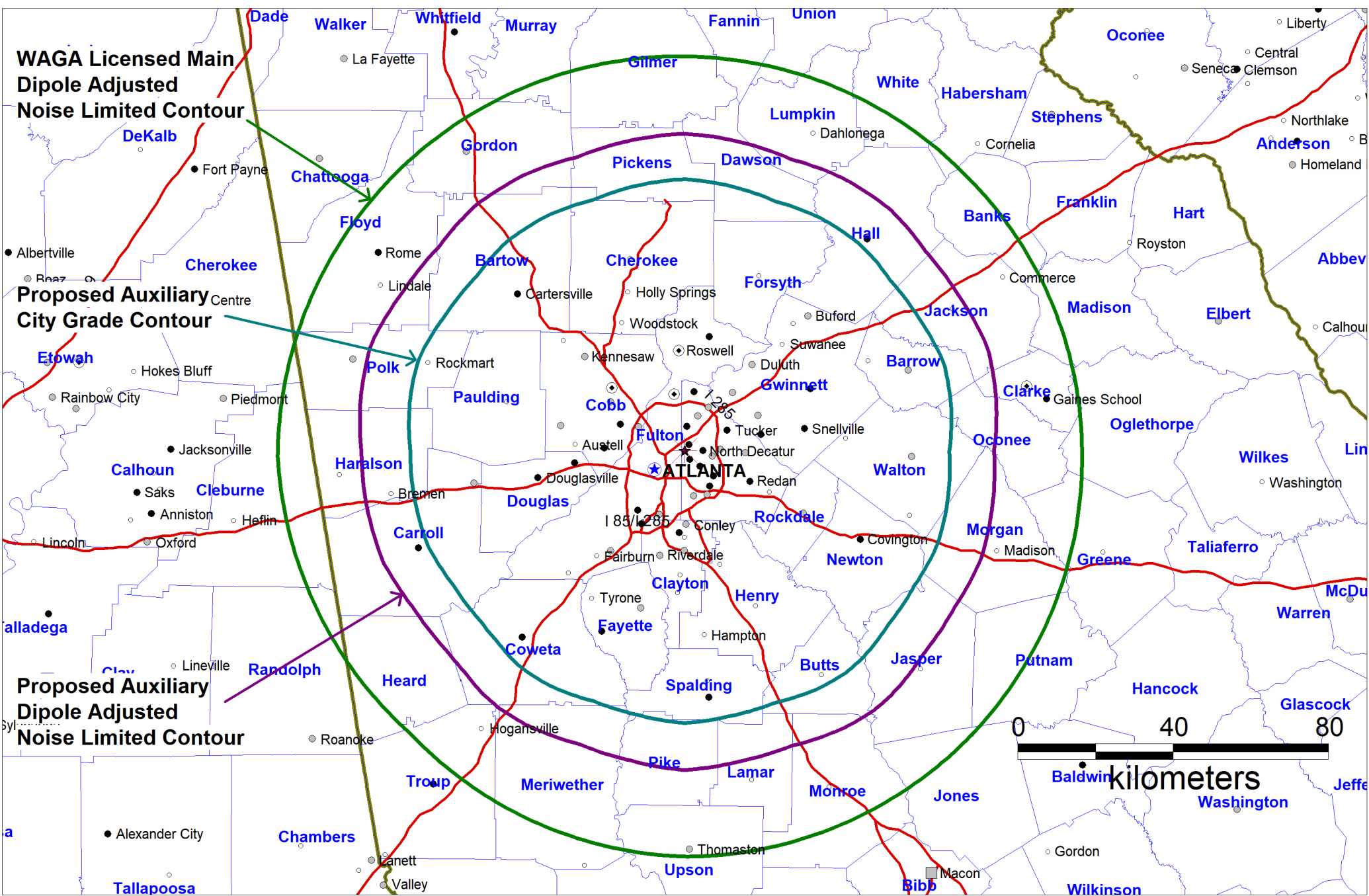


**Engineering Statement  
Auxiliary Facility Construction Permit Application  
WAGA Channel 27 Atlanta, GA  
October 20, 2022**

The facility proposed in this application will provide an addition auxiliary located 1.2 km from WAGA's current licensed main and auxiliary facilities. It will operate with an effective radiated power (ERP) of 93.2 kW from a shared broadband antenna with a radiation center above mean sea level (RCAMSL) of 615.1 meters. An analysis of the facility indicates the predicted noise limited contour will be within that of the licensed main facility and the city grade contour will cover the city of license (see attached contour compare map). It is further noted that the proposed facility can be implemented without causing any non-de minimis interference to other stations as confirmed by the FCC analysis software, TVStudy. A copy of the analysis results is provided as an attachment to this application.



WAGA Channel 27 Atlanta, GA Predicted Contours

Licensed Main Dipole Adjusted Noise Limited



Proposed Auxiliary Dipole Adjusted Noise Limited



Proposed Auxiliary City Grade

