



ENGINEERING STATEMENT

IN SUPPORT OF

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

WENY

ELMIRA, NY

Request for Special Temporary Authority

Lilly Broadcasting, L.L.C. is the licensee of WENY, located at Elmira, NY, which is presently authorized to operate its digital facility on Channel 36. The FCC assigned Ch. 35 to WENY for its post-incentive auction facility and scheduled it to complete construction in Phase 4, which has a deadline of August 2, 2019.

WENY had been on track to complete construction of its new, main Ch. 35 facility by the deadline and had planned to begin operating with its new channel on that date; however, the tower crew that WENY has hired to install its new transmission line just informed WENY that they will not be able to make it to Elmira to complete the scheduled installation due to weather delays causing an overrun on their current project.

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WENY was able to secure a different crew capable of installing a temporary heliax/flex transmission line so that it can transition to Ch. 35 on the August 2 deadline at a reduced power. Therefore, Lilly respectfully requests Special Temporary Authority to operate WENY on Ch. 35 with the following parameters:

Coordinates: 42° 08' 31.2" N (NAD83)
77° 04' 38.8" W
ERP: 32.5 kW (Omni)
RCAMSL: 717.0m
Antenna: Dielectric TLP-BB-16B/CP-R

As can be seen in Figure 1, attached hereto, the noise-limited contour of the proposed STA facility will not exceed the noise-limited contour of the WENY Ch. 35 construction permit facility (LMS File#000003761855) in any azimuth.

Environmental/RFR

This report addresses only the conditions specified in 47CFR1.1307 that deal with Radio Frequency Radiation. Any other non-RFR conditions that might require the preparation of an EA are beyond the scope of this report; since the structure is existing and registered, such conditions should not be an issue requiring further consideration.

The location of the proposed post-incentive auction facility is assumed to currently be "in compliance" with FCC guidelines for human exposure to RFR (as defined in OET-65). The worst case ground level RFR contributed to the site by this proposal in public areas is calculated to be 0.001372 mW/cm², which is less than 5% of the MPE for public exposure (0.399333 mW/cm²) at

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Ch. 36 (596-602 MHz). The contribution to the overall RFR from the proposed facility is negligible and, therefore, the site will remain “in compliance” with FCC guidelines.

Lilly agrees to comply with the Commission’s requirements regarding power adjustments or cessation of operation as may be necessary to ensure a compliant environment for worker access. Workers will be trained on RFR issues and encouraged to wear personal RFR monitors when on the structure. The tower base is enclosed by a locked security fence and appropriate signage warning of potential RFR hazards is posted.

Certification

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.

A handwritten signature in black ink, appearing to read "Ben Pidek", is written over a horizontal line.

Benjamin L. Pidek, P.E.
July 31, 2019

Attached:

Figure 1 - Noise-Limited Contour of WENY Ch. 35 CP Facility vs. Noise-Limited Contour of Proposed STA Facility

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Mid-State Consultants

WENY (CP)

0000034793

Latitude: 42-08-31.20 N

Longitude: 077-04-38.80 W

ERP: 145.00 kW

Channel: 35

Frequency: 599.0 MHz

AMSL Height: 717.0 m

WENY (STA)

Latitude: 42-08-31.20 N

Longitude: 077-04-38.80 W

ERP: 32.50 kW

Channel: 35

Frequency: 599.0 MHz

AMSL Height: 717.0 m

Noise-Limited Contour of WENY Ch. 35 Construction Permit Facility vs. Noise-Limited Contour of Proposed Ch. 35 STA Facility

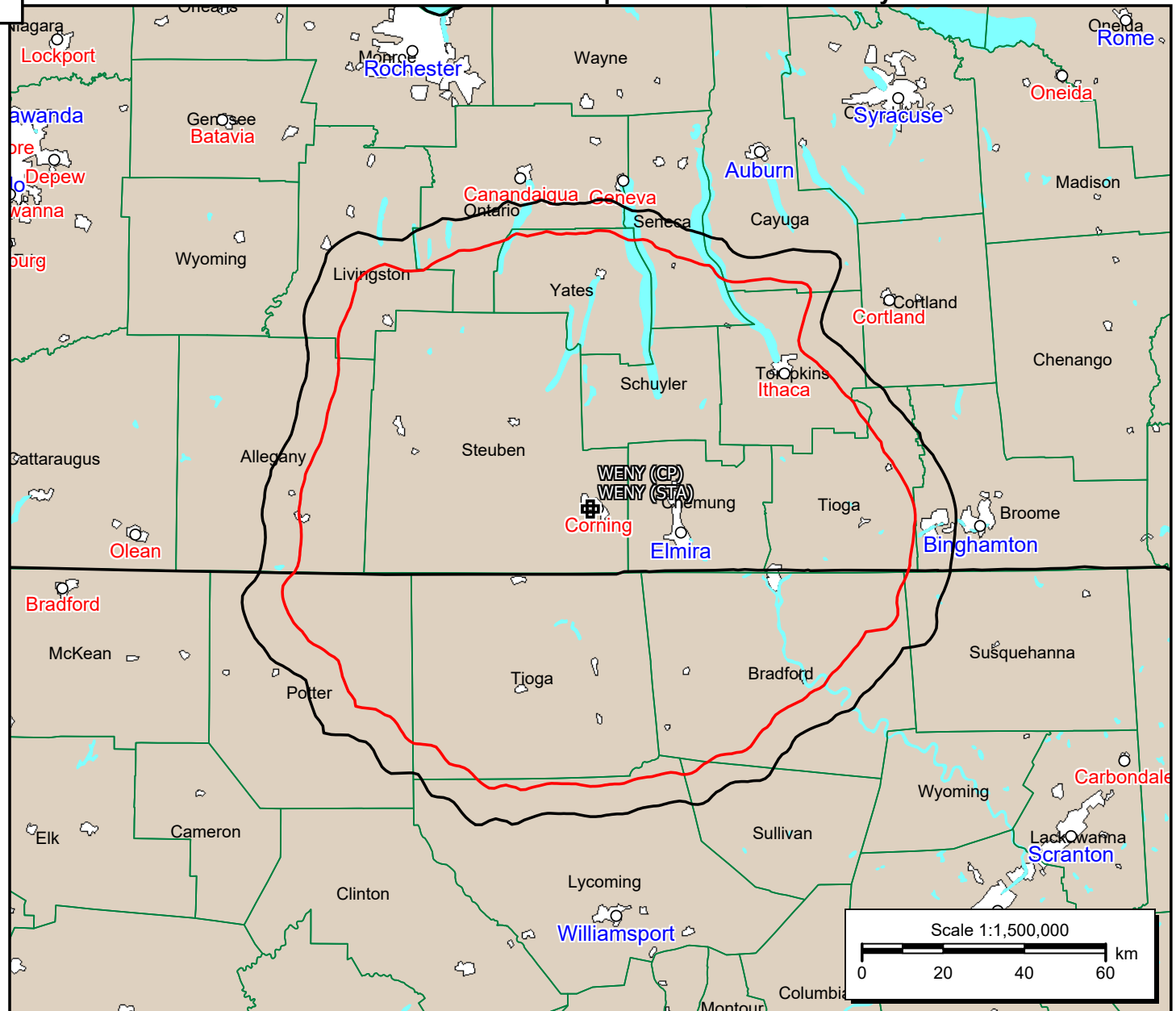


Figure 1
7-31-19