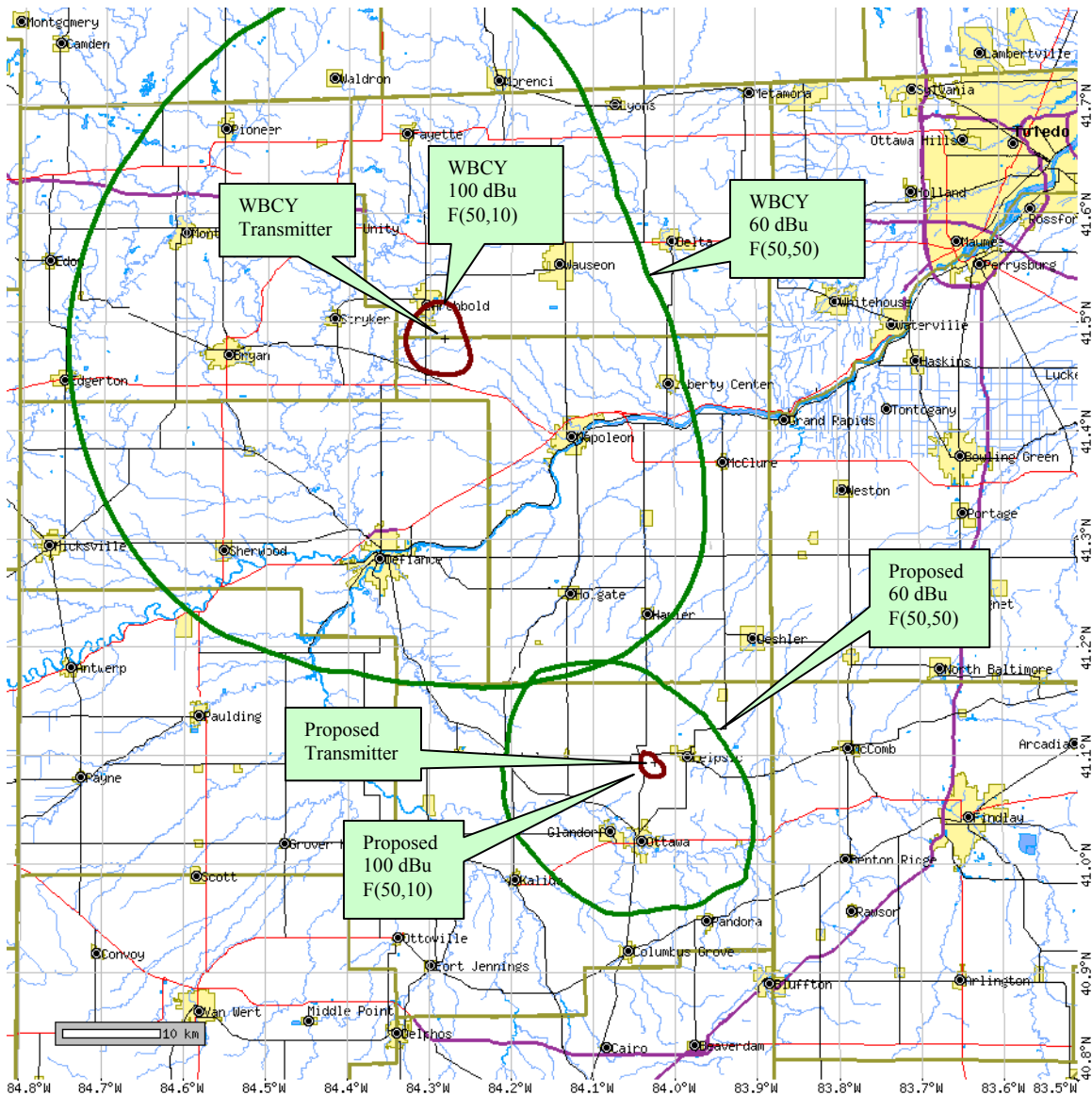


**EXHIBIT 16**  
**§73.509 CONTOUR PROTECTION**

This exhibit addresses the contour protection requirements of §73.509. No prohibited overlap exists between the contours of the proposed facilities and those of existing reserved band NCE assignments or applications.

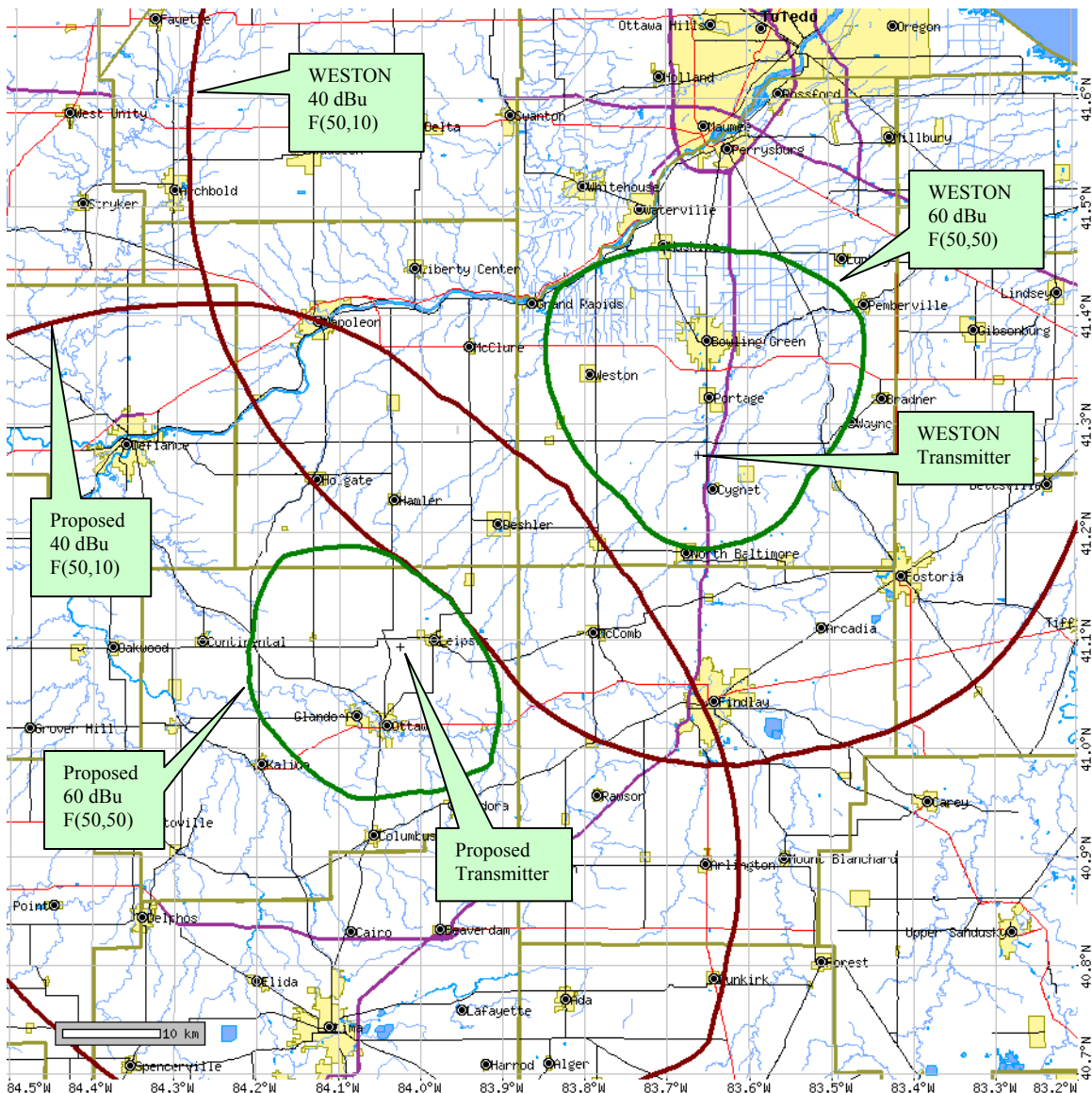
Relevant contour plots were generated by computer using the methods specified in §73.313. Antenna height above average terrain was computed using the standard eight-radial method specified in §73.313(d). Average terrain along additional azimuths was computed and used in conjunction with the F(50,50) and F(50,10) curves to determine distances to protected and interfering contours respectively. These additional azimuths were not included in the computation of the antenna eight-radial height above average terrain. Elevation data used in the computation of average terrain was determined by linear interpolation of the NGDC 30-arcsecond topographic database consistent with §73.312. The contours and transmitter locations were plotted on maps generated by the United States Census Bureau TIGER Map Service.



**Figure 1. Predicted §73.509 contour protection in relation to WBCY (BLED-20051205AAM), channel 208B1, ARCHBOLD, OH.**

#### WBCY (BLED-20051205AAM) Details

Record Type.....License  
 Community of License.....ARCHBOLD, OH  
 Latitude (NAD27).....41-28-59 N  
 Longitude (NAD27).....84-16-58 W  
 Channel.....208B1  
 Effective Radiated Power.....20 kW  
 Antenna Height above Average Terrain.....96 m



**Figure 2. Predicted §73.509 contour protection in relation to WESTON (-), channel 205A, WESTON, OH.**

#### WESTON Proposal Details

Record Type.....	License
Community of License.....	WESTON, OH
Latitude (NAD27).....	41-16-11 N
Longitude (NAD27).....	83-39-43 W
Channel.....	205A
Effective Radiated Power.....	3 kW
Antenna Height above Average Terrain.....	77 m