

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of NEW YORK TELEVISION, INC., licensee of full-power digital television station WNYO-TV, Channel 16 in Buffalo, New York, in support of its request for Special Temporary Authority to operate the station with the ATSC 3.0 transmission standard and transfer its secondary ATSC 1.0 programming streams to the following stations: WKBW-TV, Channel 34 in Buffalo; WGRZ(TV), Channel 33 in Buffalo; and, WNLO(TV), Channel 36 in Buffalo. It is important to note that the primary programming stream of WNYO-TV will be transmitted by WUTV(TV), Channel 32 in Buffalo, New York, and the engineering support for that proposal is contained in the WNYO-TV Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the WNYO-TV and WKBW-TV noise-limited service contours are plotted. As shown, the entirety of the portion of the WNYO-TV service contour that is located within the United States overlaps that of WKBW-TV. Accordingly, no U.S.-based “loss area” will be created as a result of the transfer of WNYO-TV’s secondary ATSC 1.0 programming to WKBW-TV. Conversely, there is a gain area containing 780,996 people (according to the 2018 U.S. Census Estimate database) that will be created by the move of a WNYO-TV ATSC 1.0 secondary stream to WKBW-TV.

It is also important to note that WKBW-TV places a city-grade service contour over the entirety of the WNYO-TV city of license, Buffalo, New York, as shown in Exhibit C. This is not unexpected, since WKBW-TV is licensed to the same community as WNYO-TV. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission’s Rules.

EXHIBIT A

Exhibit D is a map upon which the WNYO-TV and WGRZ(TV) noise-limited service contours are plotted. As shown, the entire portion of the WNYO-TV service contour located within the United States overlaps that of WGRZ(TV). As a result, no “loss area” within the U.S. will be created as a result of the transfer of WNYO-TV’s secondary ATSC 1.0 programming to WGRZ(TV). Conversely, there is a gain area containing 406,702 people (according to the 2018 U.S. Census Estimate database) that will be created by the move of a WNYO-TV ATSC 1.0 secondary stream to WGRZ(TV).

It is also important to note that WGRZ(TV) places a city-grade service contour over the entirety of the WNYO-TV city of license, Buffalo, New York, as shown in Exhibit E. This is not unexpected, since WGRZ(TV) is licensed to the same community as WNYO-TV. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission’s Rules.

Exhibit F is a map upon which the WNYO-TV and WNLO(TV) noise-limited service contours are plotted. As shown, the entire U.S. portion of the WNYO-TV service contour is located within that of WNLO(TV). As a result, no “loss area” within the U.S. will be created as a result of the transfer of WNYO-TV’s secondary ATSC 1.0 programming to WNLO(TV). Conversely, there is a gain area containing 428,768 people (according to the 2018 U.S. Census Estimate database) that will be created by the move of a WNYO-TV ATSC 1.0 secondary stream to WNLO(TV).

It is also important to note that WNLO(TV) places a city-grade service contour over the entirety of the WNYO-TV city of license, Buffalo, New York, as shown in Exhibit G. This is not unexpected, since WNLO(TV) is licensed to the same community as WNYO-TV. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission’s Rules.

EXHIBIT A

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

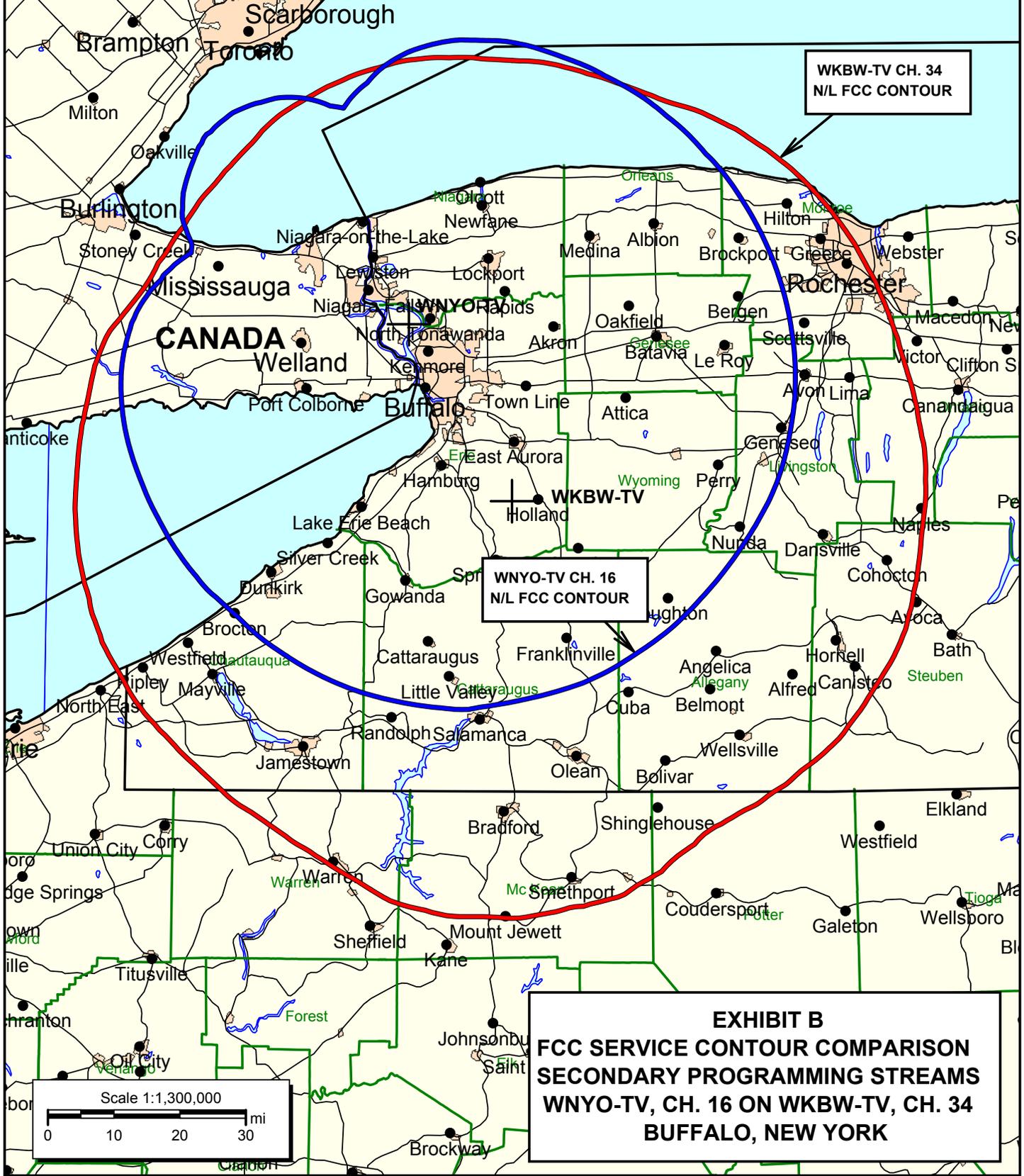
A handwritten signature in blue ink, appearing to read "K. T. Fisher". The signature is stylized with a large "K" and "F" and a smaller "T" in the middle.

KEVIN T. FISHER

February 18, 2021

CONTOUR POPULATION (U.S. ONLY) : 2018 U.S. CENSUS ESTIMATE
WNYO-TV : 1,411,156 (661,424 HH)
WKBW-TV (Host) : 2,192,152 (1,029,566 HH)
Common Area Population : 1,411,156 (100% of WNYO-TV Contour Population)
WNYO-TV Programming Loss Area Population: 0
WNYO-TV Programming Gain Area Population: 780,996 (55.3%)

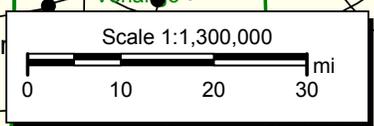
Smith and Fisher, LLC



**WKBW-TV CH. 34
N/L FCC CONTOUR**

**WNYO-TV CH. 16
N/L FCC CONTOUR**

**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WNYO-TV, CH. 16 ON WKBW-TV, CH. 34
BUFFALO, NEW YORK**

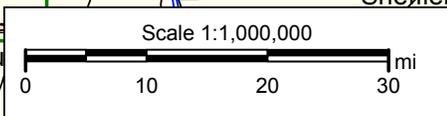


Smith and Fisher, LLC

WKBW-TV 48 DBU
CITY-GRADE CONTOUR



EXHIBIT C
FCC CITY-GRADE SERVICE CONTOUR
SECONDARY PROGRAMMING STREAMS
WNYO-TV ON WKBW-TV
BUFFALO, NEW YORK



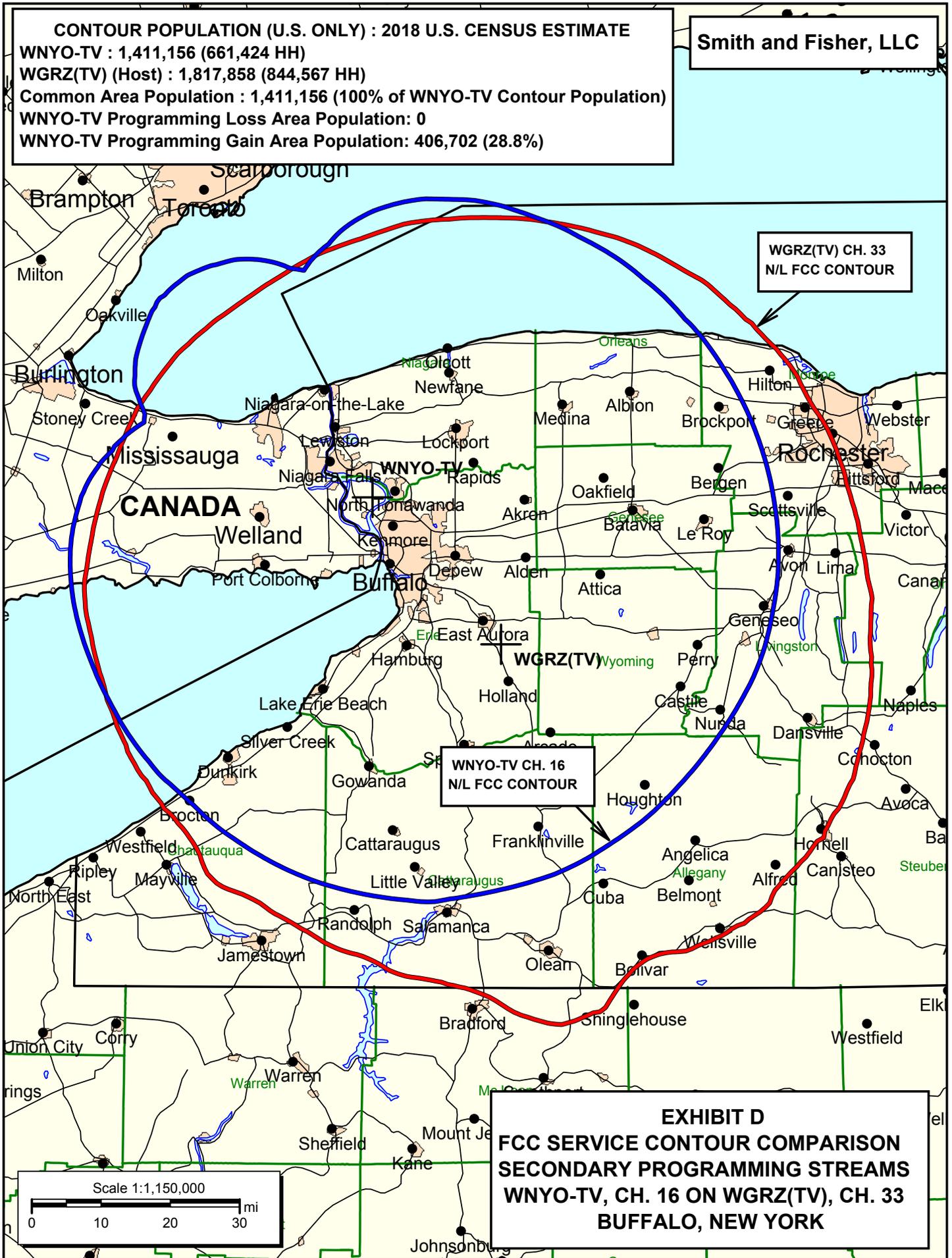
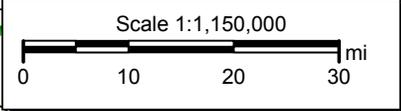
CONTOUR POPULATION (U.S. ONLY) : 2018 U.S. CENSUS ESTIMATE
WNYO-TV : 1,411,156 (661,424 HH)
WGRZ(TV) (Host) : 1,817,858 (844,567 HH)
Common Area Population : 1,411,156 (100% of WNYO-TV Contour Population)
WNYO-TV Programming Loss Area Population: 0
WNYO-TV Programming Gain Area Population: 406,702 (28.8%)

Smith and Fisher, LLC

**WGRZ(TV) CH. 33
N/L FCC CONTOUR**

**WNYO-TV CH. 16
N/L FCC CONTOUR**

**EXHIBIT D
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WNYO-TV, CH. 16 ON WGRZ(TV), CH. 33
BUFFALO, NEW YORK**



Smith and Fisher, LLC

WGRZ(TV) 48 DBU
CITY-GRADE CONTOUR

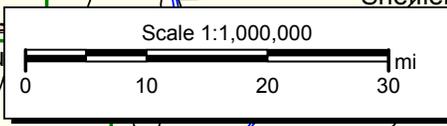


EXHIBIT E
FCC CITY-GRADE SERVICE CONTOUR
SECONDARY PROGRAMMING STREAMS
WNYO-TV ON WGRZ(TV)
BUFFALO, NEW YORK

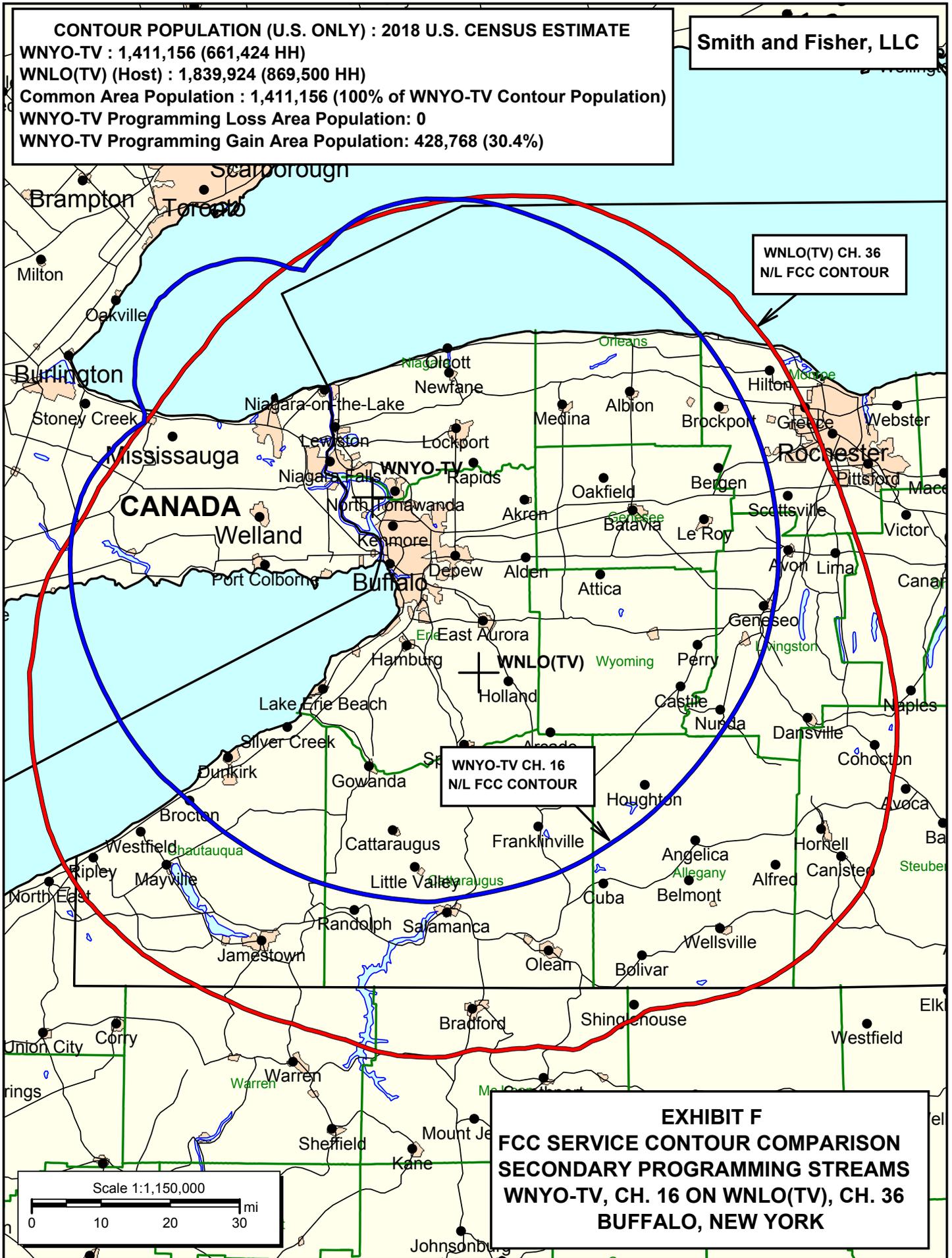
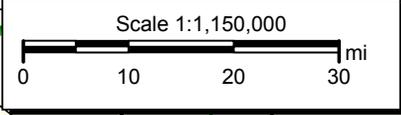
CONTOUR POPULATION (U.S. ONLY) : 2018 U.S. CENSUS ESTIMATE
WNYO-TV : 1,411,156 (661,424 HH)
WNLO(TV) (Host) : 1,839,924 (869,500 HH)
Common Area Population : 1,411,156 (100% of WNYO-TV Contour Population)
WNYO-TV Programming Loss Area Population: 0
WNYO-TV Programming Gain Area Population: 428,768 (30.4%)

Smith and Fisher, LLC

**WNLO(TV) CH. 36
N/L FCC CONTOUR**

**WNYO-TV CH. 16
N/L FCC CONTOUR**

EXHIBIT F
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WNYO-TV, CH. 16 ON WNLO(TV), CH. 36
BUFFALO, NEW YORK



Smith and Fisher, LLC

WNLO(TV) 48 DBU
CITY-GRADE CONTOUR

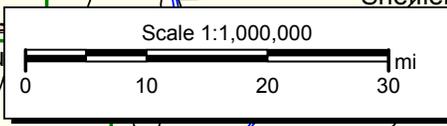


EXHIBIT G
FCC CITY-GRADE SERVICE CONTOUR
SECONDARY PROGRAMMING STREAMS
WNYO-TV ON WNLO(TV)
BUFFALO, NEW YORK