

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of ANDERSON (WFBC-TV) LICENSEE, INC., licensee of full-power digital television station WMYA-TV, Channel 35 Anderson, South Carolina, 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 stations WSPA-TV, Channel 11 in Spartanburg, South Carolina, and WHNS(TV), Channel 17 in Greenville, South Carolina. It is important to note that the primary programming stream of WMYA-TV will be transmitted by WYFF(TV), Channel 30 in Greenville, South Carolina, and the engineering support for that proposal is contained in the WMYA-TV Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the WSPA-TV and WMYA-TV noise-limited service contours are plotted. As shown, the majority of the WMYA-TV service contour overlaps that of WSPA-TV. Indeed, the “loss area” population that will be created as a result of the transfer of WMYA-TV’s secondary ATSC 1.0 programming to WSPA-TV is only 1.3% of the total service population of WMYA-TV, according to the 2020 U.S. Census database. In addition, the gain area served by WSPA-TV that is presently not served by WMYA-TV contains 2,154,793 people.

It is also important to note that WSPA-TV places a 43 dBu city-grade service contour over the entirety of the WMYA-TV city of license, Anderson, South Carolina, as shown in the attached Exhibit C. This is not entirely unexpected, since WSPA-TV is licensed to a community within the same Designated Market Area (DMA) as WMYA-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 WMYA-TV and WHNS(TV) noise-limited service contours are plotted. As shown, the majority of the WMYA-TV service contour overlaps that of WHNS(TV). As in the WSPA-TV study, the “loss area” population that will be created as a result of the transfer of WMYA-TV’s secondary ATSC 1.0 programming to WHNS(TV) is small, amounting to only 4.6% of the total service population of WMYA-TV. In addition, a significant amount of gain area, containing 1,035,109 people, will be created by a move of the ATSC 1.0 secondary streams to station WHNS(TV).

WHNS(TV) also places a 48 dBu city-grade service contour over the entirety of the WMYA-TV city of license, Anderson, South Carolina, as shown in Exhibit E. Like WSPA-TV, WHNS(TV) is licensed to a community within the same Designated Market Area (DMA) as WMYA-TV. Thus, the instant proposal meets the requirements of Section 73.3801(c) of the Commission’s Rules.

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", with a stylized flourish at the end.

KEVIN T. FISHER

March 4, 2022

CONTOUR POPULATION : 2020 U.S. CENSUS

WMYA-TV : 1,811,482 (813,482 HH)

WSPA-TV (Host) : 3,942,262 (1,804,968 HH)

Common Area Population : 1,787,469 (98.7% of WMYA-TV Service Pop.)

WMYA-TV Programming Loss Area Population: 24,013 (1.3%)

WMYA-TV Programming Gain Area Population: 2,154,793

SMITH AND FISHER, LLC

**WSPA-TV CH. 11
N/L FCC CONTOUR**

**WMYA-TV CH. 35
N/L FCC CONTOUR**

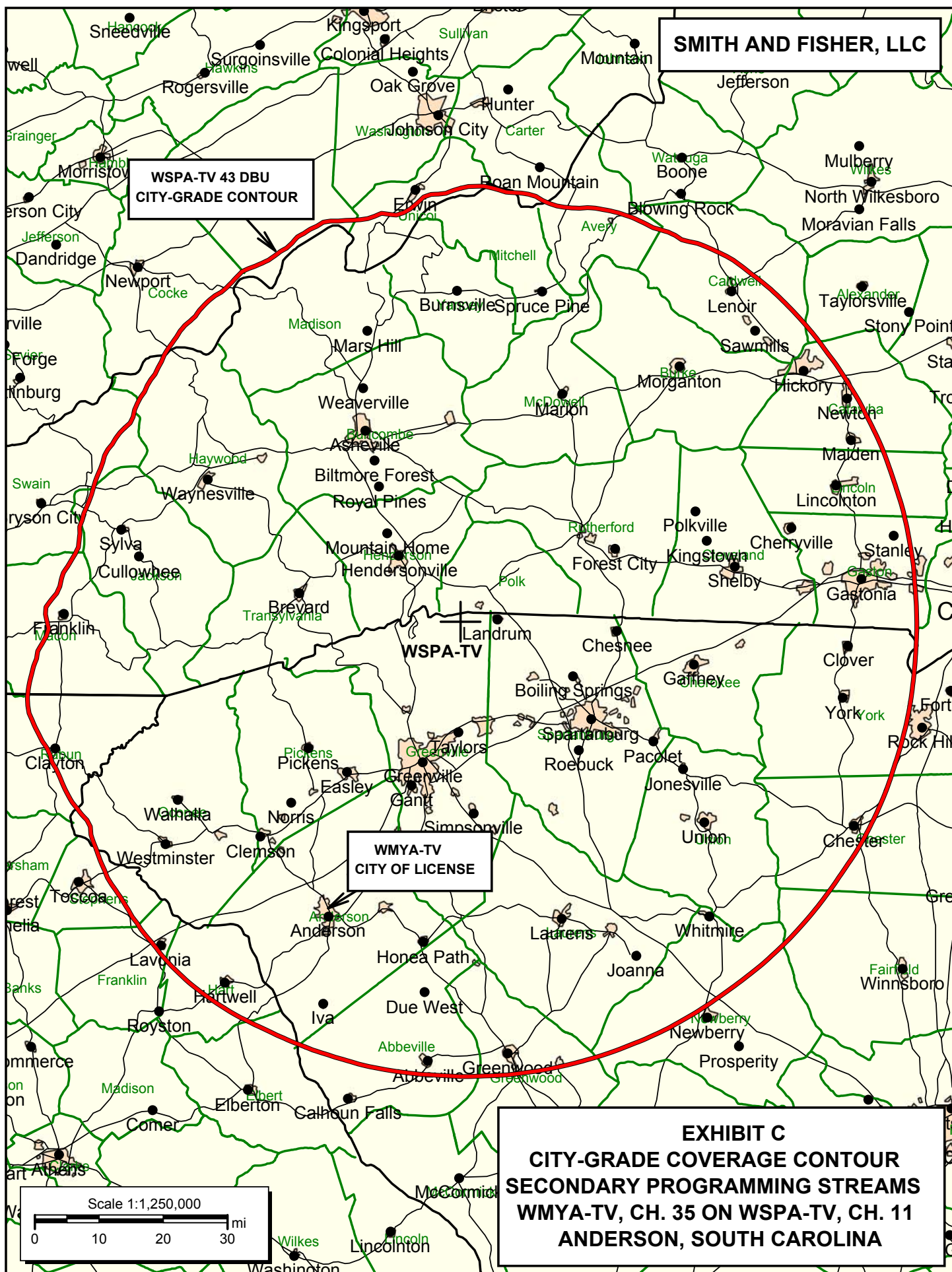
WSPA-TV

WMYA-TV

**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WMYA-TV, CH. 35 ON WSPA-TV, CH. 11
ANDERSON, SOUTH CAROLINA**

Scale 1:1,600,000

0 10 20 30 mi



CONTOUR POPULATION : 2020 U.S. CENSUS

WMYA-TV : 1,811,482 (813,482 HH)

WHNS(TV) (Host) : 2,762,978 (1,297,605 HH)

Common Area Population : 1,727,869 (95.4% of WMYA-TV Service Pop.)

WMYA-TV Programming Loss Area Population: 83,613 (4.6%)

WMYA-TV Programming Gain Area Population: 1,035,109

SMITH AND FISHER, LLC

**WHNS(TV) CH. 17
N/L FCC CONTOUR**

**WMYA-TV CH. 35
N/L FCC CONTOUR**

**EXHIBIT D
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WMYA-TV, CH. 35 ON WHNS(TV), CH. 17
ANDERSON, SOUTH CAROLINA**

Scale 1:1,600,000

0 10 20 30 mi

