

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of MITTS TELECASTING COMPANY, LLC, licensee of full-power digital television station KXVO(TV), Channel 29 in Omaha, Nebraska, 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 KMTV-TV, Channel 31 in Omaha and KETV(TV), Channel 20 in Omaha. It is important to note that the primary programming stream of KXVO(TV) will be transmitted by KPTM(TV), Channel 26 in Omaha, Nebraska, and the engineering support for that proposal is contained in the KXVO(TV) Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the KXVO(TV) and KMTV-TV noise-limited service contours are plotted. As shown, the majority of the KXVO(TV) service contour overlaps that of KMTV-TV. Indeed, the “loss area” population that will be created as a result of the transfer of KXVO(TV)’s secondary ATSC 1.0 programming to KMTV-TV is only 5.8% of the total service population of KXVO(TV), according to the 2020 U.S. Census database. And, a significant amount of gain area (comprising 30,066 people) will be created by the move of the KXVO(TV) ATSC 1.0 secondary stream to KMTV-TV.

It is also important to note that KMTV-TV places a city-grade service contour over the entirety of the KXVO(TV) city of license, Omaha, Nebraska, as shown in Exhibit C. This is not unexpected, since KMTV-TV is also licensed to Omaha and operates from a transmitter site located within the city of Omaha.

Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission's Rules.

Exhibit D is a map upon which the KXVO(TV) and KETV(TV) noise-limited service contours are plotted. As shown, the majority of the KXVO(TV) service contour overlaps that of KETV(TV). As in the KMTV-TV study, the "loss area" population that will be created as a result of the transfer of KXVO(TV)'s secondary ATSC 1.0 programming to KETV(TV) is relatively small, only 5.5% of the total service population of KXVO(TV). And, like the KMTV-TV situation, a significant amount of gain area (comprising 33,141 people) will be created by the move of the KXVO(TV) ATSC 1.0 secondary stream to KETV(TV).

KETV(TV) also places a city-grade service contour over the entirety of the KXVO(TV) city of license, Omaha, Nebraska, as shown in Exhibit E. KETV(TV) operates from a transmitting site in Omaha and is licensed to that community, just like KXVO(TV). Thus, the instant application 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". The signature is stylized and written in a cursive-like font.

KEVIN T. FISHER

March 28, 2022

**CONTOUR POPULATION : 2020 U.S. CENSUS DATABASE**

**KXVO(TV) : 1,542,112 (648,709 HH)**  
**KMTV-TV (Host) : 1,482,868 (622,005 HH)**  
**Common Area Population : 1,452,802 (94.2% of KXVO Contour Population)**  
**KXVO(TV) Programming Loss Area Population: 89,310 (5.8%)**  
**KXVO(TV) Programming Gain Area Population: 30,066**

**SMITH AND FISHER, LLC**

**KMTV-TV CH. 31  
N/L FCC CONTOUR**

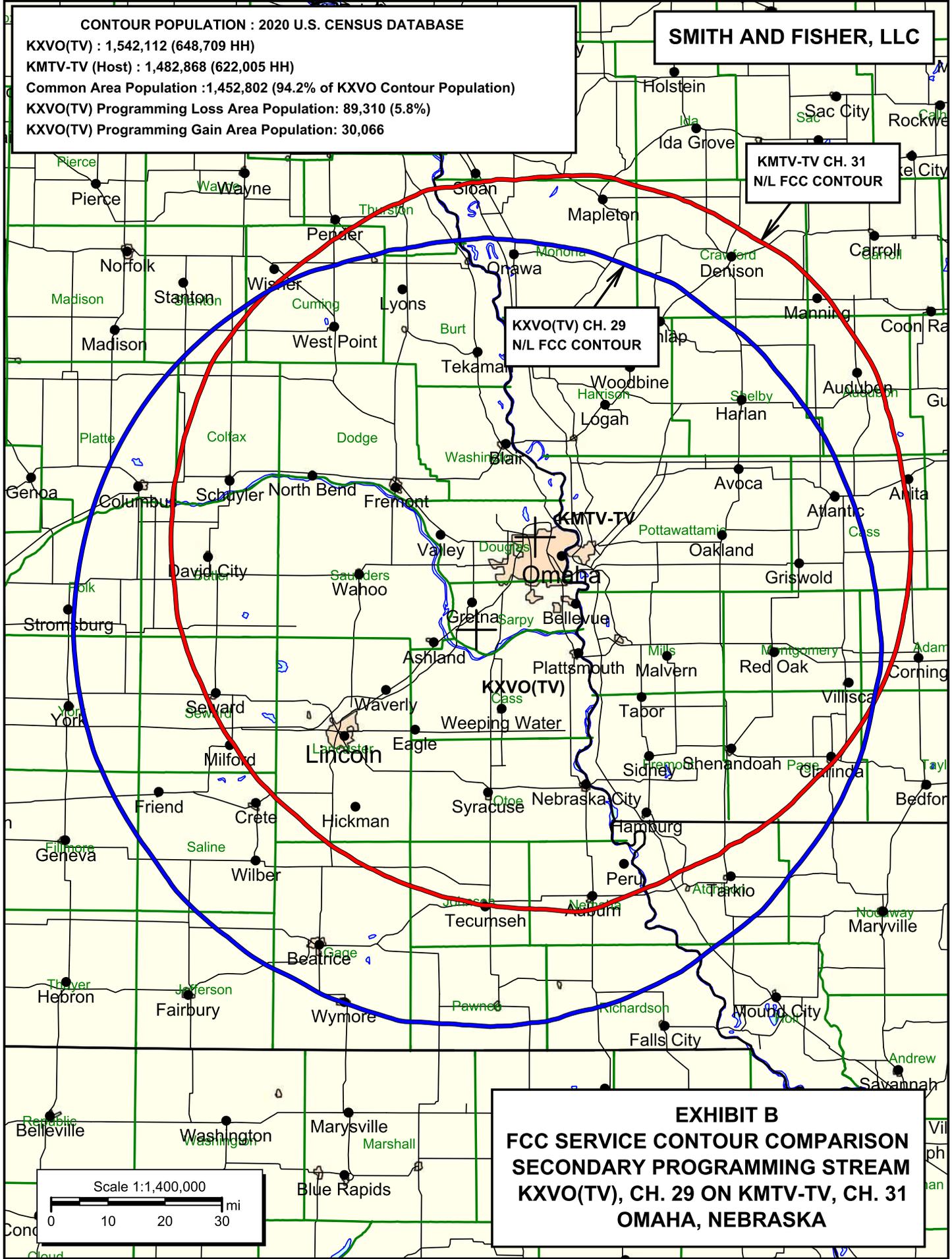
**KXVO(TV) CH. 29  
N/L FCC CONTOUR**

**KMTV-TV**

**KXVO(TV)**

**EXHIBIT B  
FCC SERVICE CONTOUR COMPARISON  
SECONDARY PROGRAMMING STREAM  
KXVO(TV), CH. 29 ON KMTV-TV, CH. 31  
OMAHA, NEBRASKA**

Scale 1:1,400,000



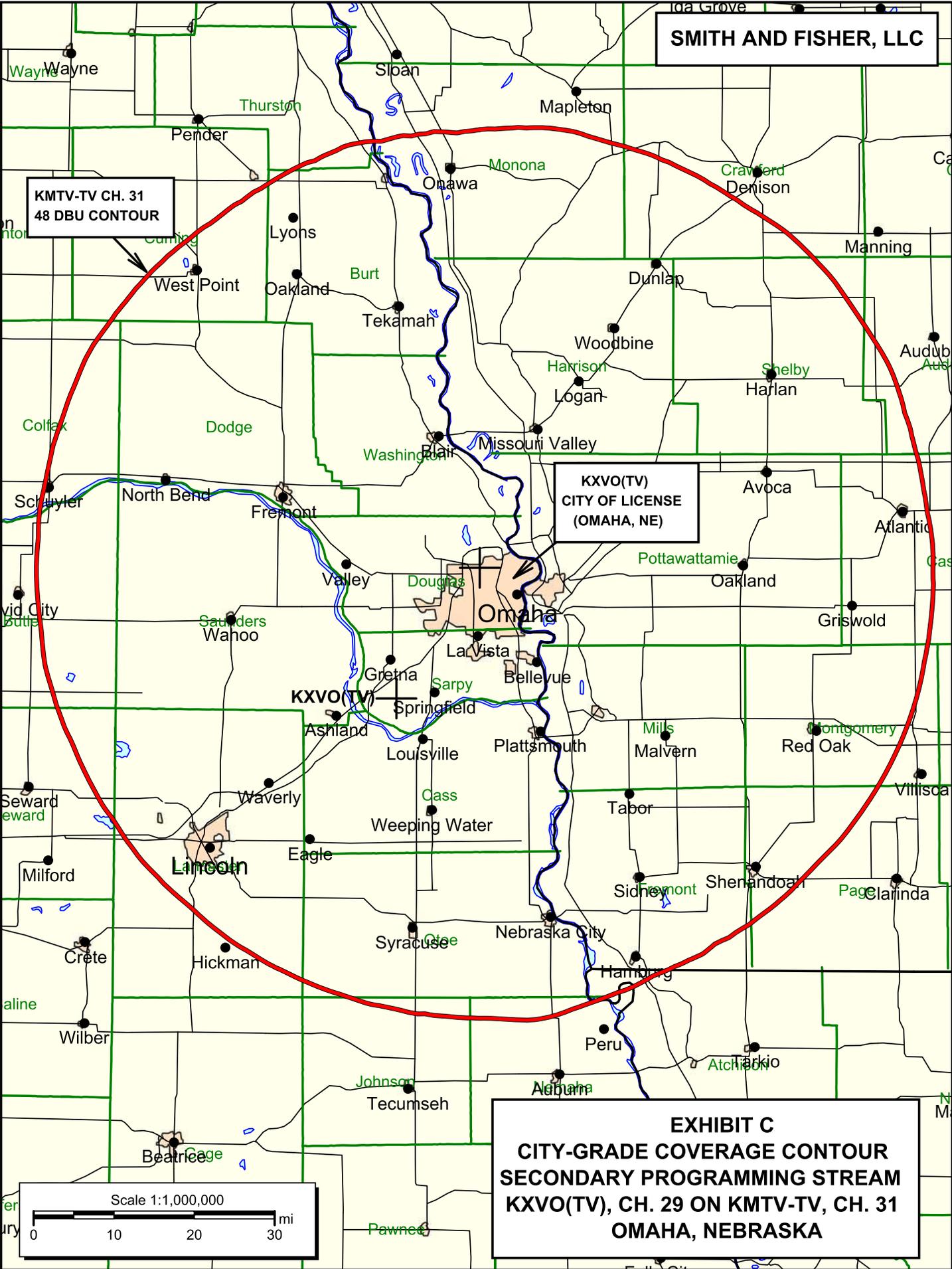
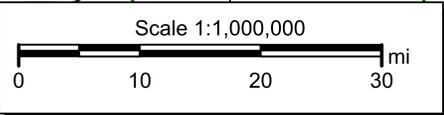
**SMITH AND FISHER, LLC**

**KMTV-TV CH. 31  
48 DBU CONTOUR**

**KXVO(TV)  
CITY OF LICENSE  
(OMAHA, NE)**

**KXVO(TV)**

**EXHIBIT C  
CITY-GRADE COVERAGE CONTOUR  
SECONDARY PROGRAMMING STREAM  
KXVO(TV), CH. 29 ON KMTV-TV, CH. 31  
OMAHA, NEBRASKA**



**CONTOUR POPULATION : 2020 U.S. CENSUS DATABASE**

KXVO(TV) : 1,542,112 (648,709 HH)  
KETV(TV) (Host) : 1,491,013 (625,616 HH)  
Common Area Population :1,457,872 (94.5% of KXVO Contour Population)  
KXVO(TV) Programming Loss Area Population: 84,240 (5.5%)  
KXVO(TV) Programming Gain Area Population: 33,141

**SMITH AND FISHER, LLC**

**KETV(TV) CH. 20  
N/L FCC CONTOUR**

**KXVO(TV) CH. 29  
N/L FCC CONTOUR**

**KETV(TV)**  
**KXVO(TV)**

**EXHIBIT D  
FCC SERVICE CONTOUR COMPARISON  
SECONDARY PROGRAMMING STREAM  
KXVO(TV), CH. 29 ON KETV(TV), CH. 20  
OMAHA, NEBRASKA**

Scale 1:1,400,000

