

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of DEERFIELD MEDIA (RENO) LICENSEE, LLC, licensee of full-power digital television station KNSN-TV, Channel 20 in Reno, Nevada, 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 KRNVDT, Channel 12 in Reno and KTVN(TV), Channel 11 in Reno. It is important to note that the primary programming stream of KNSN-TV will be transmitted by KRXI-TV, Channel 23 in Reno, Nevada, and the engineering support for that proposal is contained in the KNSN-TV Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the KNSN-TV dipole-adjusted noise-limited service contour and the KRNVDT 36 dBu service contour are plotted. As shown, the entire KNSN-TV service contour is contained within that of KRNVDT. Therefore, no "loss area" population will be created as a result of the transfer of KNSN-TV's secondary ATSC 1.0 programming to KRNVDT. In addition, a significant amount of gain area, containing 309,654 people according to the 2020 U.S. Census, will be created by a move of the ATSC 1.0 secondary streams to station KRNVDT.

KRNVDT also places a 43 dBu city-grade service contour over the entirety of the KNSN-TV city of license, Reno, Nevada, as shown in Exhibit C. This is not unexpected since KRNVDT is licensed to the same community within the same Designated Market Area (DMA) as KNSN-TV. Thus, the instant proposal meets the requirements of Section 73.3801(c) of the Commission's Rules.

EXHIBIT A

Exhibit D is a map upon which the KNSN-TV dipole-adjusted noise-limited service contour and the KTVN(TV) 36 dBu service contour are plotted. As shown, the entire KNSN-TV service contour is enveloped by that of KTVN(TV). As a result, no “loss area” population will be created as a result of the transfer of KNSN-TV’s secondary ATSC 1.0 programming to KTVN(TV). It is also important to note that a significant amount of gain area, containing 319,081 people (according to the 2020 U.S. Census), will be created by a move of the ATSC 1.0 secondary streams to station KTVN(TV).

KTVN(TV) also places a 43 dBu city-grade service contour over the entirety of the KNSN-TV city of license, Reno, Nevada, as shown in Exhibit E. As is the case with KRNV-DT, KTVN(TV) is licensed to same community within the same Designated Market Area (DMA) as KNSN-TV, Reno, Nevada. 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.



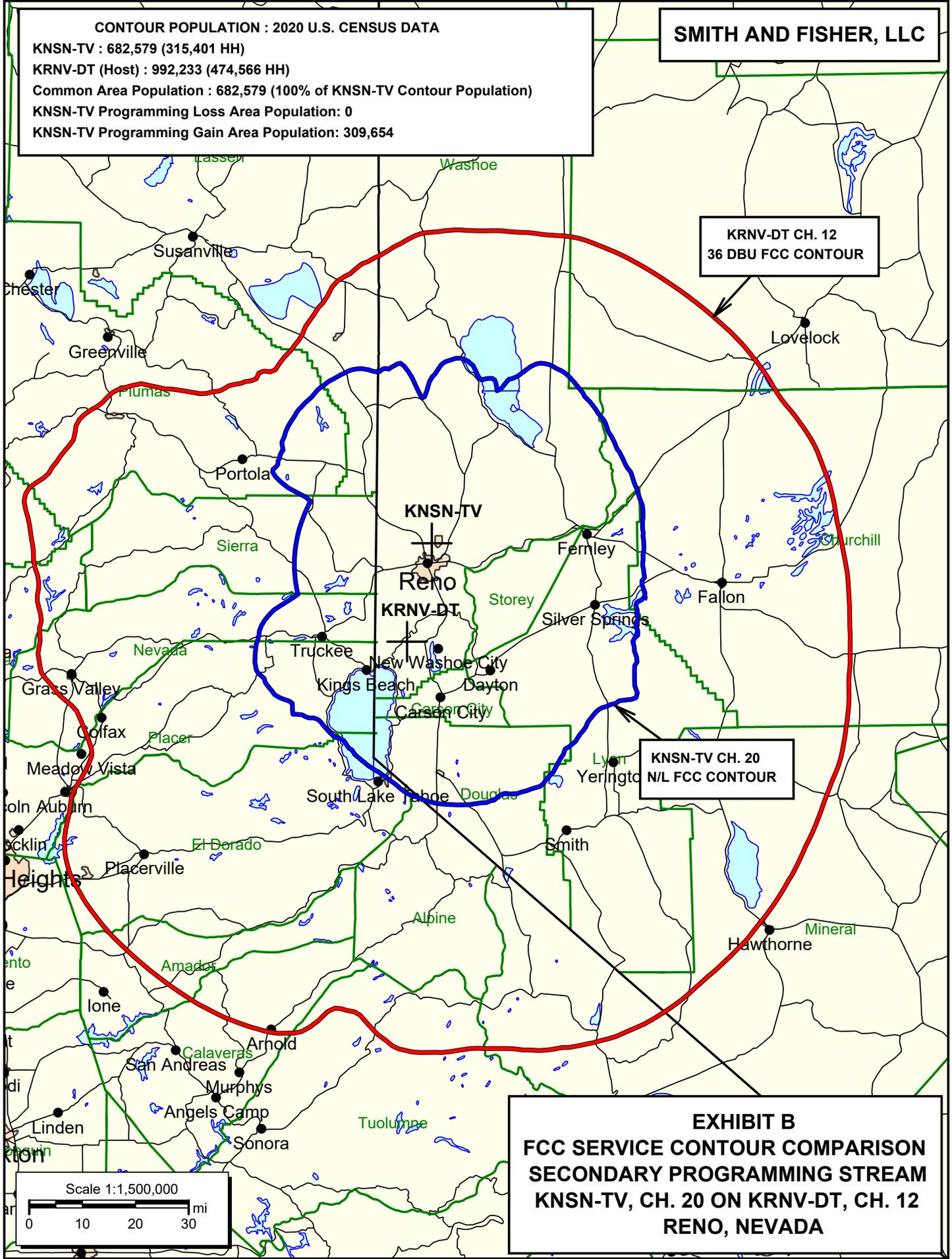
KEVIN T. FISHER

June 21, 2023

CONTOUR POPULATION : 2020 U.S. CENSUS DATA

KNSN-TV : 682,579 (315,401 HH)
KRNV-DT (Host) : 992,233 (474,566 HH)
Common Area Population : 682,579 (100% of KNSN-TV Contour Population)
KNSN-TV Programming Loss Area Population: 0
KNSN-TV Programming Gain Area Population: 309,654

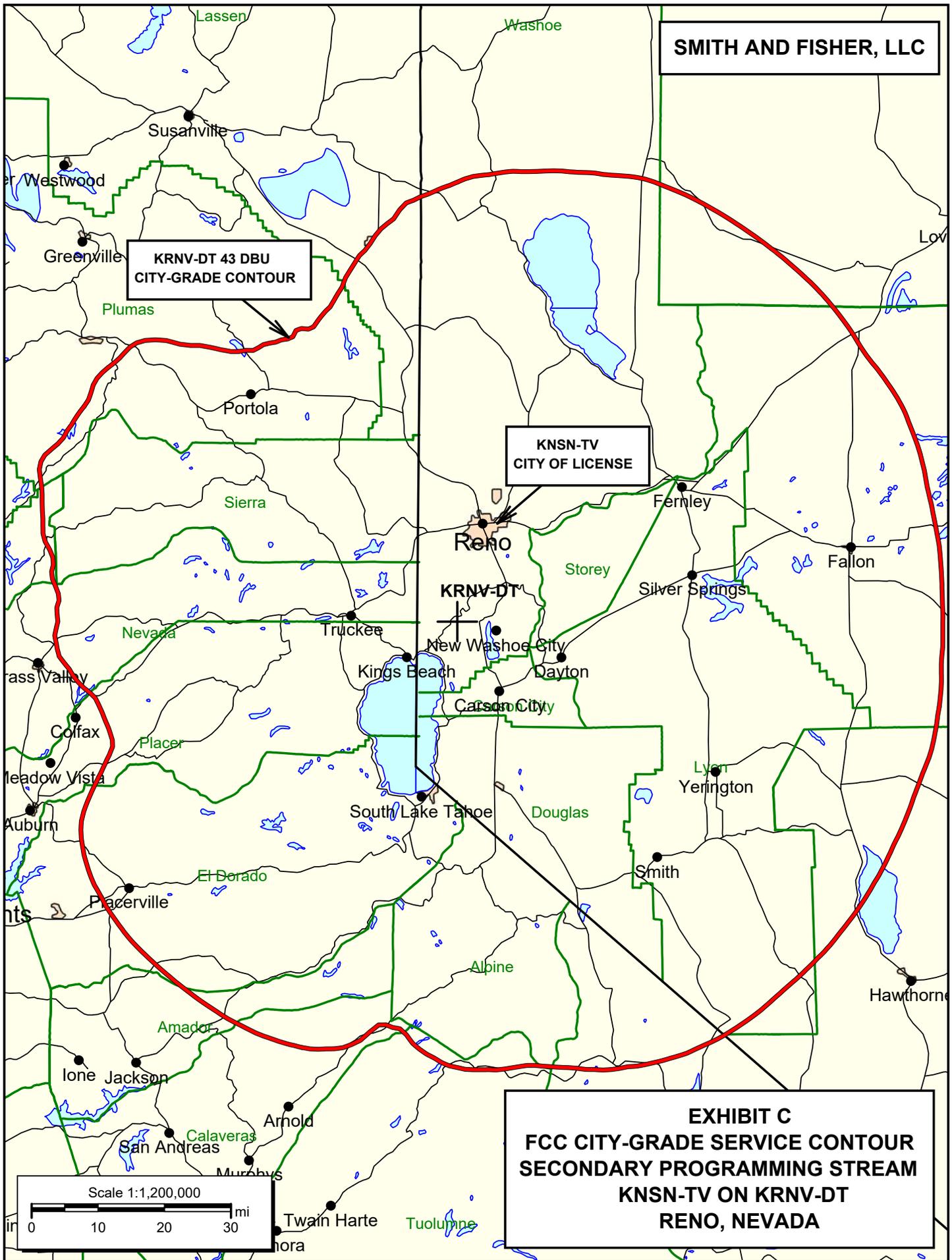
SMITH AND FISHER, LLC



**KRNV-DT CH. 12
36 DBU FCC CONTOUR**

**KNSN-TV CH. 20
N/L FCC CONTOUR**

**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAM
KNSN-TV, CH. 20 ON KRNV-DT, CH. 12
RENO, NEVADA**



CONTOUR POPULATION : 2020 U.S. CENSUS DATA

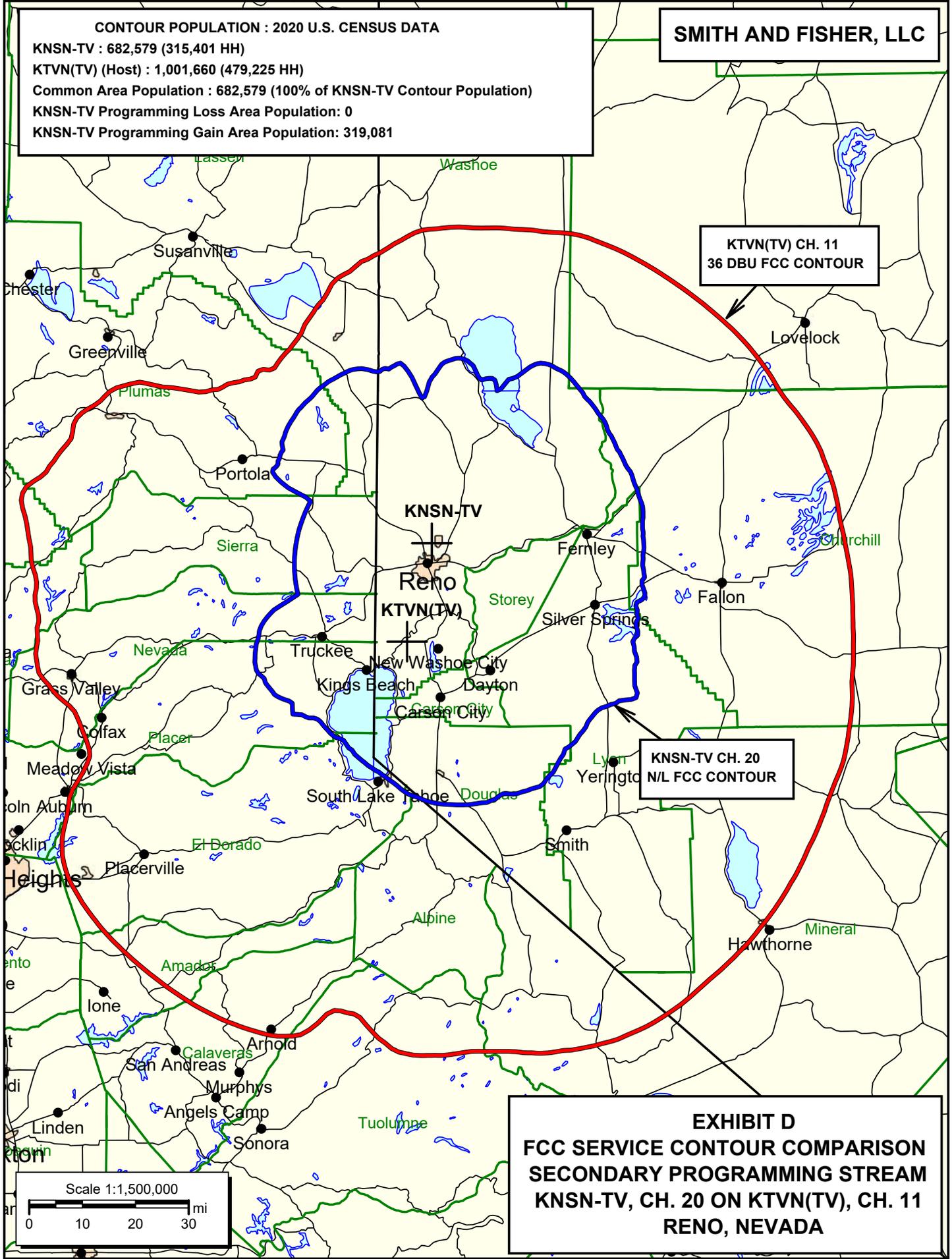
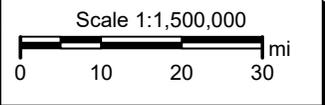
KNSN-TV : 682,579 (315,401 HH)
KTVN(TV) (Host) : 1,001,660 (479,225 HH)
Common Area Population : 682,579 (100% of KNSN-TV Contour Population)
KNSN-TV Programming Loss Area Population: 0
KNSN-TV Programming Gain Area Population: 319,081

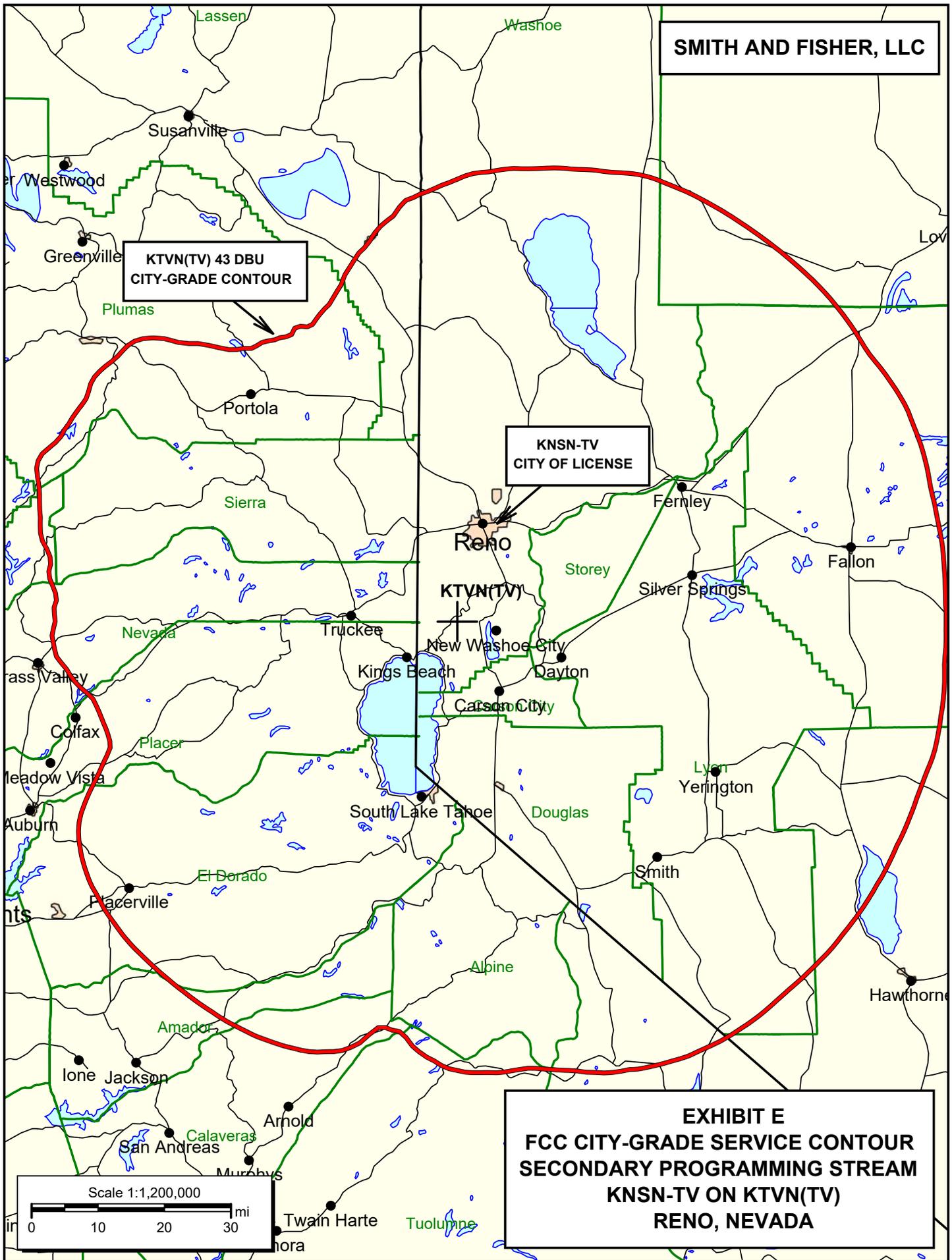
SMITH AND FISHER, LLC

**KTVN(TV) CH. 11
36 DBU FCC CONTOUR**

**KNSN-TV CH. 20
N/L FCC CONTOUR**

**EXHIBIT D
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAM
KNSN-TV, CH. 20 ON KTVN(TV), CH. 11
RENO, NEVADA**





SMITH AND FISHER, LLC

**KTVN(TV) 43 DBU
CITY-GRADE CONTOUR**

**KNSN-TV
CITY OF LICENSE**

**EXHIBIT E
FCC CITY-GRADE SERVICE CONTOUR
SECONDARY PROGRAMMING STREAM
KNSN-TV ON KTVN(TV)
RENO, NEVADA**