

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of KJZZ LICENSEE, LLC, licensee of full-power digital television station KJZZ-TV, Channel 19 in Salt Lake City, Utah, 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 KUTV(TV), Channel 34 in Salt Lake City and KTVX(TV), Channel 30 in Salt Lake City. It is important to note that the primary programming stream of KJZZ-TV will be transmitted by KUCW(TV), Channel 35 in Ogden, Utah, and the engineering support for that proposal is contained in the KJZZ-TV Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the KJZZ-TV and KUTV(TV) noise-limited service contours are plotted. As shown, the majority of the KJZZ-TV service contour overlaps that of KUTV(TV). Indeed, the “loss area” population that will be created as a result of the transfer of KJZZ-TV’s secondary ATSC 1.0 programming to KUTV(TV) is less than 0.1% of the total service population of KJZZ-TV, according to the 2018 U.S. Census Estimate database.

It is also important to note that KUTV(TV) places a city-grade service contour over the entirety of the KJZZ-TV city of license, Salt Lake City, Utah, as shown in Exhibit C. This is not unexpected, since KUTV(TV) is also licensed to Salt Lake City and operates from the same transmitter site (Farnsworth Peak) as that of KJZZ-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 KJZZ-TV and KTVX(TV) noise-limited service contours are plotted. As shown, the majority of the KJZZ-TV service contour overlaps that of KTVX(TV). As in the KUTV(TV) study, the “loss area” population that will be created as a result of the transfer of KJZZ-TV’s secondary ATSC 1.0 programming to KTVX(TV) is less than 0.1% of the total service population of KJZZ-TV. And, a small amount of gain area will be created by a move of the ATSC 1.0 secondary streams to KTVX(TV).

KTVX(TV) also places a city-grade service contour over the entirety of the KJZZ-TV city of license, Salt Lake City, Utah, as shown in Exhibit E. KTVX(TV) operates from Farnsworth Peak and is licensed to Salt Lake City, just like KJZZ-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 with a large initial "K" and a long horizontal stroke at the end.

KEVIN T. FISHER

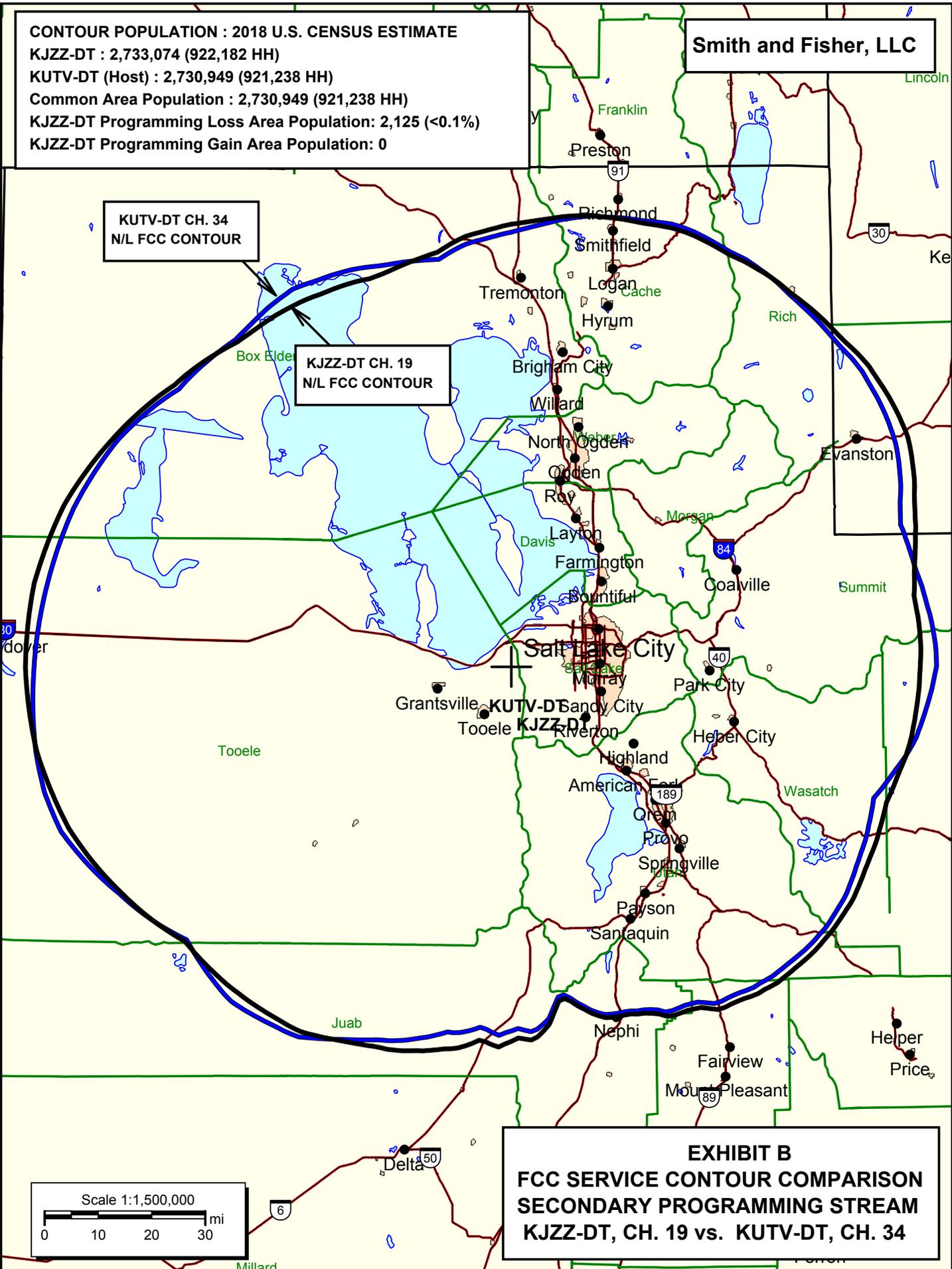
April 22, 2020

CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE
KJZZ-DT : 2,733,074 (922,182 HH)
KUTV-DT (Host) : 2,730,949 (921,238 HH)
Common Area Population : 2,730,949 (921,238 HH)
KJZZ-DT Programming Loss Area Population: 2,125 (<0.1%)
KJZZ-DT Programming Gain Area Population: 0

Smith and Fisher, LLC

**KUTV-DT CH. 34
N/L FCC CONTOUR**

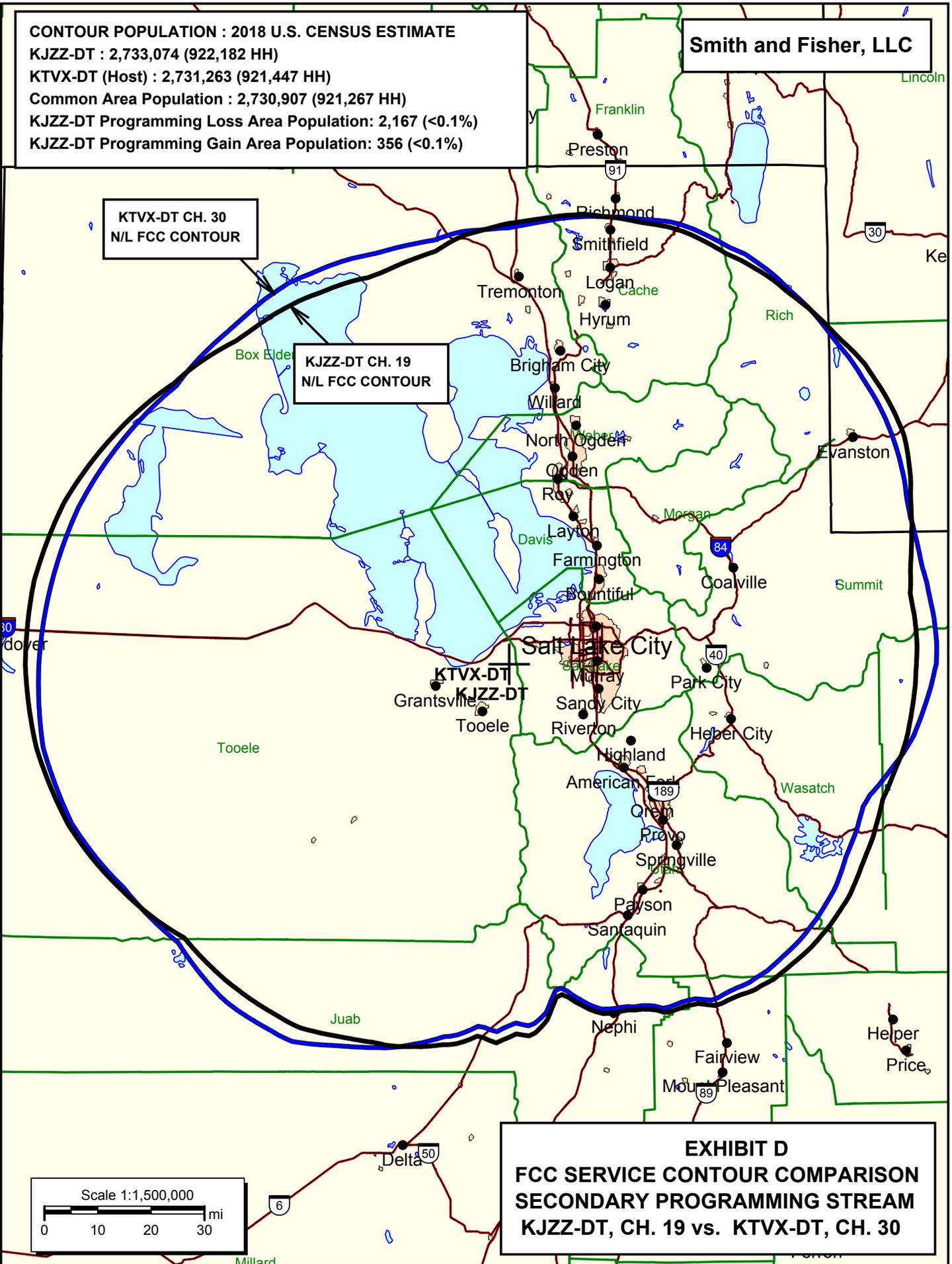
**KJZZ-DT CH. 19
N/L FCC CONTOUR**



**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAM
KJZZ-DT, CH. 19 vs. KUTV-DT, CH. 34**

CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE
 KJZZ-DT : 2,733,074 (922,182 HH)
 KTVX-DT (Host) : 2,731,263 (921,447 HH)
 Common Area Population : 2,730,907 (921,267 HH)
 KJZZ-DT Programming Loss Area Population: 2,167 (<0.1%)
 KJZZ-DT Programming Gain Area Population: 356 (<0.1%)

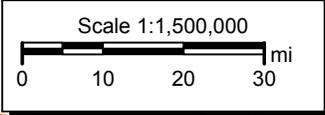
Smith and Fisher, LLC



**KTVX-DT CH. 30
N/L FCC CONTOUR**

**KJZZ-DT CH. 19
N/L FCC CONTOUR**

**EXHIBIT D
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAM
KJZZ-DT, CH. 19 vs. KTVX-DT, CH. 30**



Smith and Fisher, LLC

**KTVX-DT 48 DBU
CITY-GRADE CONTOUR**

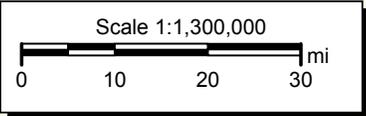
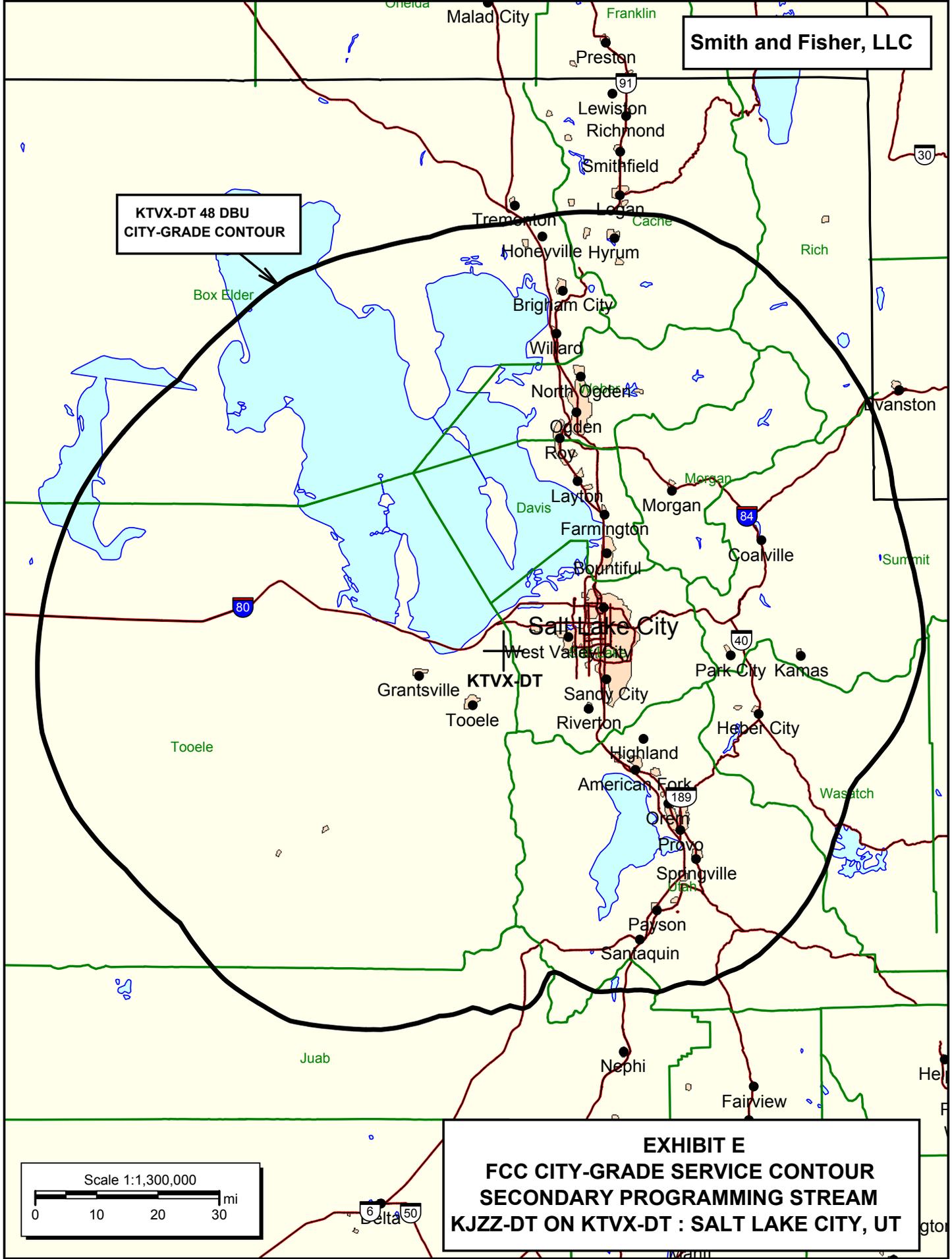


EXHIBIT E
FCC CITY-GRADE SERVICE CONTOUR
SECONDARY PROGRAMMING STREAM
KJZZ-DT ON KTVX-DT : SALT LAKE CITY, UT