EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of TRINITY BROADCASTING NETWORK, licensee of television translator W50DA, Channel 50 in Macon, Georgia, in support of this Application for Construction Permit to specify digital operation on Channel 50 from the licensed W50DA site, as a "flashcut" proposal.

It is proposed to mount a standard ERI omnidirectional antenna at the authorized height on the side of the existing 274-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the newly proposed 51 dBu contour encompasses a significant portion of the Grade A contour that obtains from the licensed W50DA facility. Operating parameters for the proposed facility are tabulated in Exhibit C. An interference study is provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1019967 to this tower.

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.

KYLE T. FISHER

February 7, 2006

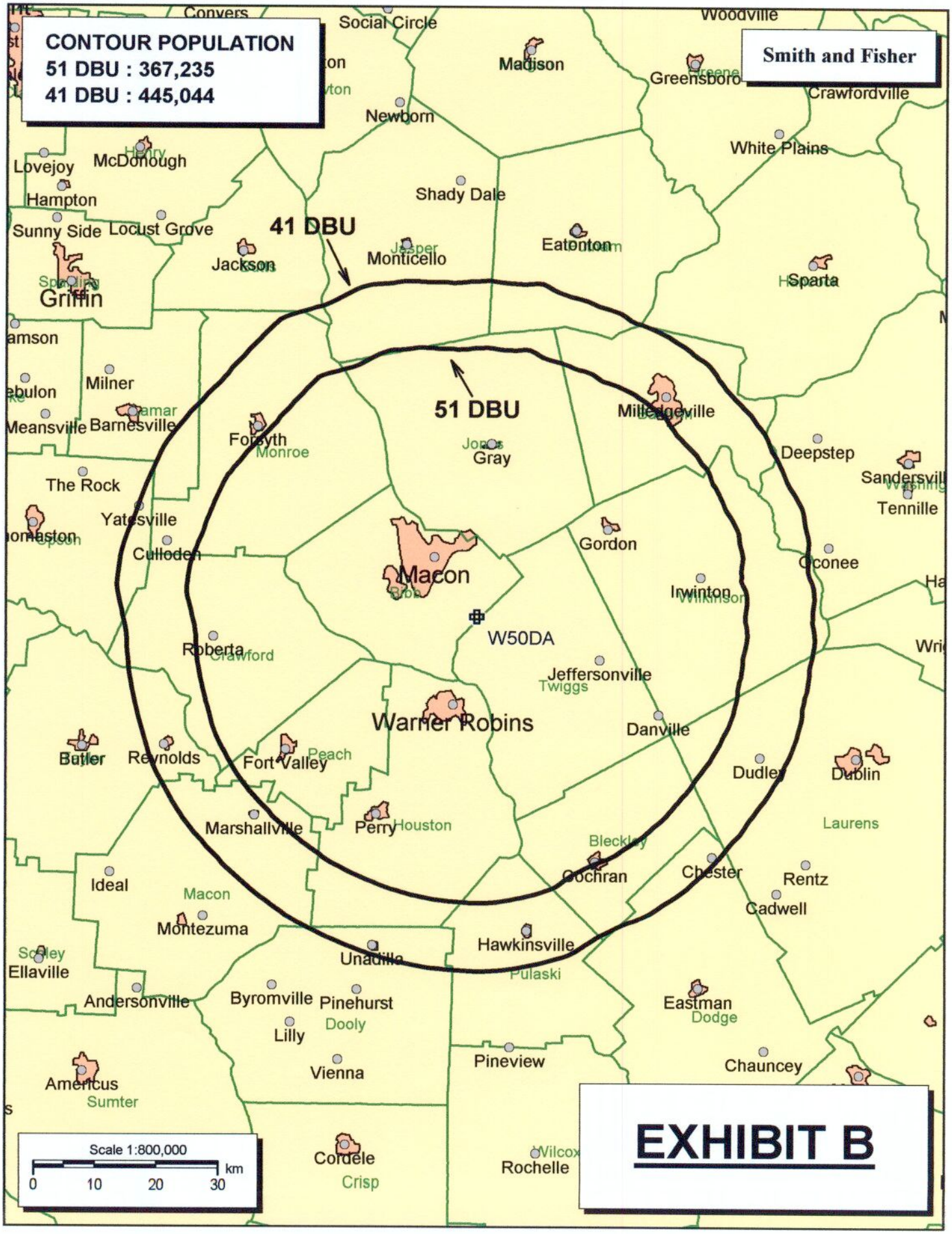

CONTOUR POPULATION
51 DBU : 367,235
41 DBU : 445,044
Smith and Fisher
41 DBU
51 DBU
W50DA
Macon
Warner Robins
Griffin
Milledgeville
Sparta
Eatonton
Monticello
Jackson
Forsyth
Gray
Barnesville
Milner
Yatesville
Culloden
The Rock
Roberta
Fort Valley
Perry
Marshallville
Reynolds
Butler
Jeffersonville
Twiggs
Danville
Dudley
Dublin
Gordon
Irwinton
Oconee
Deepstep
Tennille
Sandersville
Greensboro
Crawfordville
White Plains
Newborn
Madison
Social Circle
Convers
Woodville
Lovejoy
McDonough
Hampton
Sunny Side
Locust Grove
Shady Dale
Meansville
Ideal
Montezuma
Ellaville
Andersonville
Byromville
Pinehurst
Dooley
Lilly
Vienna
Americus
Sumter
Unadilla
Hawkinsville
Pulaski
Pineview
Cochran
Bleckley
Chester
Rentz
Cadwell
Eastman
Dodge
Chauncey
Laurens
Houston
Peach
Crawford
Monroe
Jasper
Jones
Wilkinson
Wilcox
Crisp
Cordele
Rochelle
Scale 1:800,000
km
0
10
20
30
EXHIBIT B

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED W50DA-D
CHANNEL 50 – MACON, GEORGIA

Transmitter Power Output:	2.3 kw
Transmission Line Efficiency:	47.3%
Antenna Power Gain – Toward Horizon:	14.06
Antenna Power Gain – Main Lobe:	14.06
Effective Radiated Power – Toward Horizon:	15 kw
Effective Radiated Power – Main Lobe:	15 kw
Transmitter Make and Model:	Type-accepted
Rated Output	2.5 kw
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	570 feet
Antenna Make and Model:	ERI AL8
Orientation	Omnidirectional
Beam Tilt	1.75 degrees
Radiation Center Above Ground:	152 meters
Radiation Center Above Mean Sea Level:	247 meters

EXHIBIT D-1

LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED W50DA-D
CHANNEL 50 – MACON, GEORGIA

We conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to all facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 0.1 kilometer increments along each radial studied, and employs the 1990 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than proposed W50DA-D) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit D-2. They conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, it is believed that the proposed W50DA-D facility complies with the requirements of Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 of the Commission's Rules.

EXHIBIT D-2

INTERFERENCE SUMMARY

PROPOSED W50DA-D
CHANNEL 50 – MACON, GEORGIA

Call Sign	Status	City, State	Ch.	Longley-Rice Service Population	Unmasked Interference From Proposed Facility	%
WXTX-DT BMPCDT-20041026AFV	CP	Columbus, GA	49	600,958	0	0
WSST-DT BMPCDT-20000501ABJ	CP	Cordele, GA	51	325,650	1,130	0.3

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED W50DA-D
CHANNEL 50 – MACON, GEORGIA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Macon facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 15 kw, an antenna radiation center 152 meters above ground, and the vertical pattern of the ERI antenna, maximum power density two meters above ground of 0.00020 mw/cm^2 is calculated to occur 135 meters from the base of the tower. Since this is less than 0.1 percent of the 0.46 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 50 (686-692 MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.