EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of Digital Television Station WDCA-DT, Channel 35 in Washington, D.C., in support of its Application for Construction Permit for a digital auxiliary facility.

It is proposed to mount a Dielectric omnidirectional antenna at the 139-meter level of the WDCA-DT tower. An antenna elevation pattern is provided in Exhibit B. Operating parameters for the proposed facility are tabulated in Exhibit C. Exhibit D is a map upon which the predicted service contours for the proposed auxiliary facility are plotted. Exhibit E is a map upon which the authorized WDCA-DT post-transition 41 dBu contour is plotted in relation to that proposed for the auxiliary facility. As shown, the auxiliary contour is completely contained within the authorized service contour. As a result, no interference study is required. A power density calculation follows as Exhibit F.

It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station authorized to operate at or near the WDCA-DT site. However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. The FCC has issued Antenna Structure Registration Number 1042983 to this tower.

EXHIBIT A

I declare under penalty of perjury that the foregoing statements are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

June 11, 2009

Dielectric

Proposal Number			
Date	5-Jun-09		
Call Letters		Channel	35
Location			
Customer			
Antenna Type	TUA-O4-2/8-1		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.67	(6.69 dB)	Beam Tilt	0.00 deg
RMS Gain at Horizontal	4.70	(6.72 dB)	Frequency	599.00 MHz
Calculated / Measured	Calculated		Drawing #	TUA STBY C35000-90

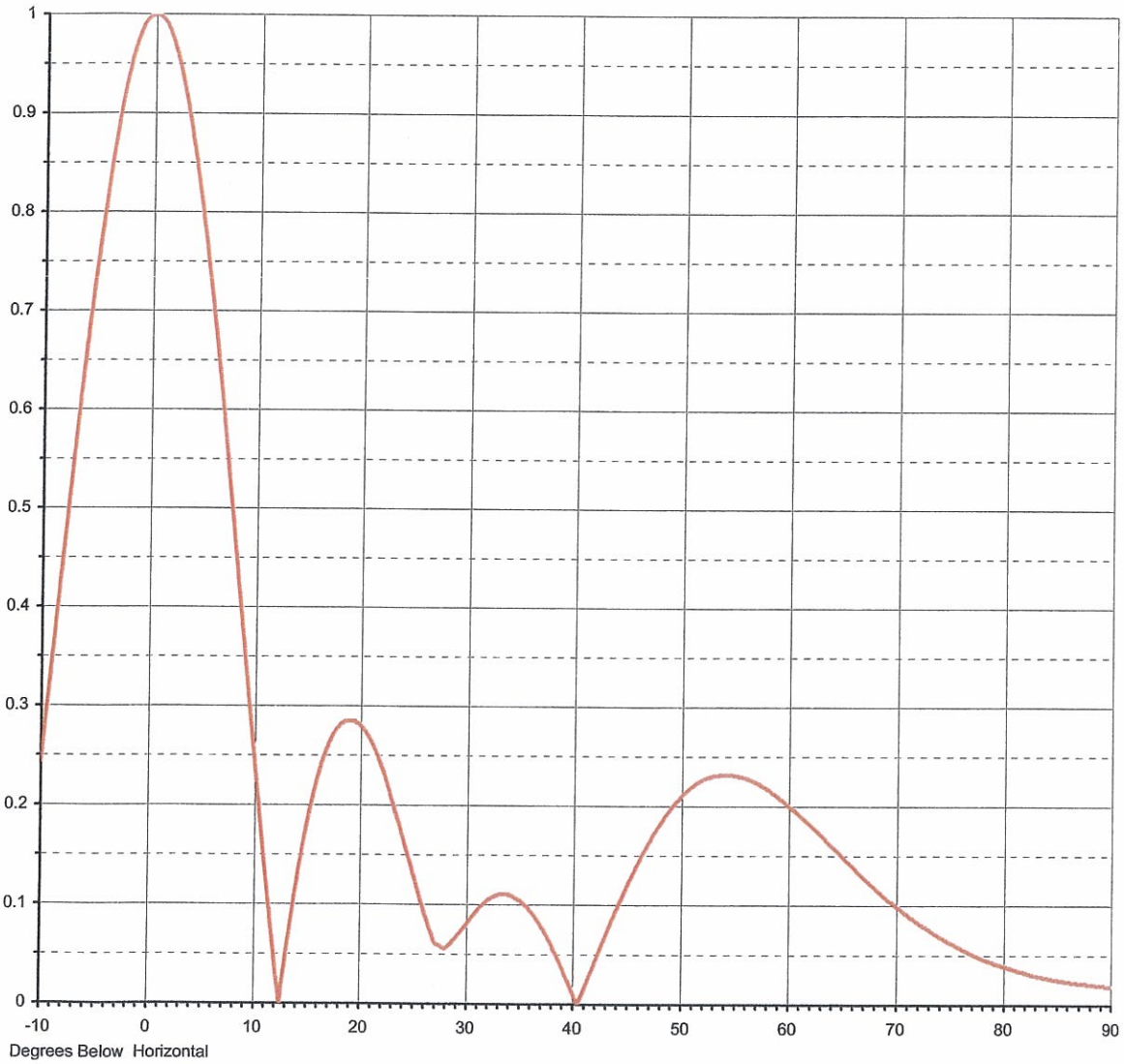

EXHIBIT B

ANTENNA ELEVATION PATTERN

PROPOSED WDCA-DT AUXILIARY CHANNEL 35 – WASHINGTON, D.C.

SMITH AND FISHER

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED WDCA-DT AUXILIARY
CHANNEL 35 – WASHINGTON, D.C.

Transmitter Power Output:	50.2 kw
Transmission Line Efficiency:	69.7%
Antenna Power Gain – Main Lobe:	4.67
Effective Radiated Power – Main Lobe:	163 kw
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew HJ9HP-50
Size and Type:	5" rigid
Length:	700 feet
Antenna:	
Make and Model:	Dielectric TUA-O4-2/8-1
Orientation	Omnidirectional
Beam Tilt	None
Radiation Center Above Ground:	139 meters
Radiation Center Above Mean Sea Level:	244 meters

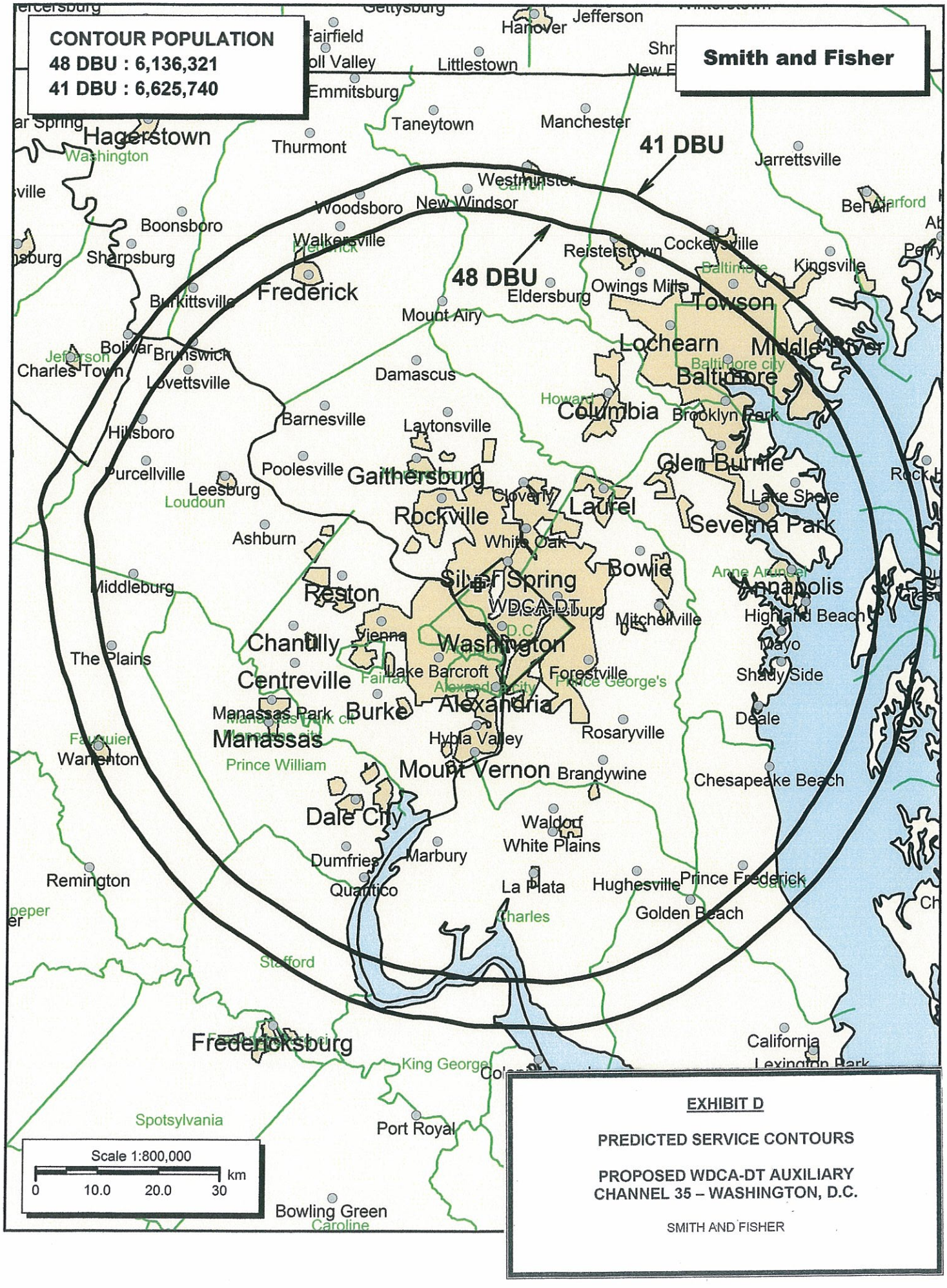

EXHIBIT D

PREDICTED SERVICE CONTOURS

PROPOSED WDCA-DT AUXILIARY
CHANNEL 35 – WASHINGTON, D.C.

SMITH AND FISHER

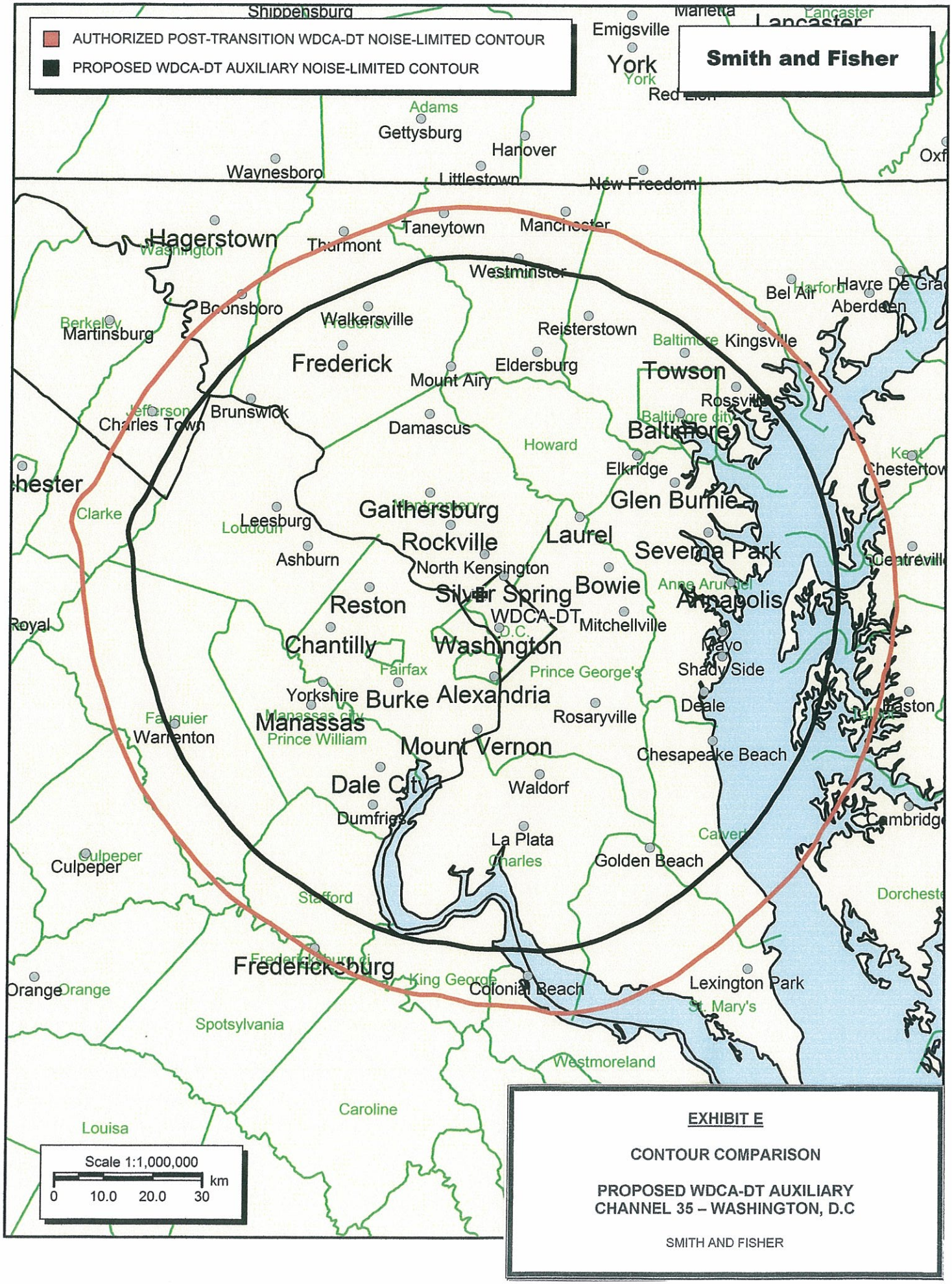
AUTHORIZED POST-TRANSITION WDCA-DT NOISE-LIMITED CONTOUR
PROPOSED WDCA-DT AUXILIARY NOISE-LIMITED CONTOUR
Smith and Fisher
Shippensburg
Emigsville
York
Adams
Gettysburg
Hanover
Waynesboro
Littlestown
New Freedom
Hagerstown
Taneytown
Manchester
Thurmont
Westminster
Bel Air
Havre De Grace
Aberdeen
Boonsboro
Berkeley
Martinsburg
Walkersville
Reisterstown
Baltimore
Kingsville
Towson
Frederick
Eldersburg
Mount Airy
Jefferson
Brunswick
Charles Town
Damascus
Howard
Elkridge
Glen Burnie
Clarke
Leesburg
Loudoun
Gaithersburg
Rockville
Laurel
Severna Park
Ashburn
North Kensington
Silver Spring
Bowie
Annapolis
Reston
WDCA-DT
Mitchellville
Royal
Chantilly
Washington
D.C.
Mayo
Shady Side
Fairfax
Prince George's
Yorkshire
Burke
Alexandria
Deale
Fauquier
Manassas city
Manassas
Rosaryville
Warrenton
Prince William
Mount Vernon
Chesapeake Beach
Dale City
Waldorf
Dumfries
La Plata
Culpeper
Charles
Golden Beach
Stafford
Fredericksburg
King George
Colonial Beach
Lexington Park
Orange
St. Mary's
Spotsylvania
Westmoreland
Caroline
Louisa
Scale 1:1,000,000
km
0
10.0
20.0
30
EXHIBIT E
CONTOUR COMPARISON
PROPOSED WDCA-DT AUXILIARY
CHANNEL 35 – WASHINGTON, D.C
SMITH AND FISHER

EXHIBIT F

POWER DENSITY CALCULATION

PROPOSED WDCA-DT AUXILIARY
CHANNEL 35 – WASHINGTON, D.C.

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Washington facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 163 kw, an antenna radiation center 139 meters above ground, and the elevation pattern of the Dielectric antenna, maximum power density two meters above ground of 0.010 mw/cm^2 is calculated to occur 98 meters from the base of the tower. Since this is only 2.5 percent of the 0.40 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 35 (596-602 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level 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.