

### NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and /or **floodways** have been determined, users are encouraged to consult the Flood Profiles, Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18. The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <a href="https://www.ngs.noaa.gov">www.ngs.noaa.gov</a> or contact the National Geodetic Survey at the following address:

Spatial Reference System Division National Geodetic Survey, NOAA Silver Spring Metro Center 1315 East–West Highway Silver Spring, Maryland 20910 (301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit their website at www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by Isle of Wight County Planning Department. This information was photogrammetrically compiled at a scale of 1:4,800 from aerial photography.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and their website at www.fema.gov/msc.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at www.fema.gov.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1 % ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, ĂH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

No Base Flood Elevations determined. Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently

decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or

Area to be protected from 1% annual chance flood by a Federal

flood protection system under construction; no Base Flood Elevations Coastal flood zone with velocity hazard (wave action); no Base Flood

Elevations determined. Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance

OTHER AREAS

determined.

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas. Floodplain boundary

Floodway boundary Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities. Base Flood Elevation line and value; elevation in feet\*

**----**513**----**Base Flood Elevation value where uniform within zone; (EL 987) elevation in feet\*

\*Referenced to the National Geodetic Vertical Datum of 1929

M1.5

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)

1000-meter Universal Transverse Mercator grid values, zone 18 4276000 M 5000-foot grid ticks: Virginia State Plane coordinate system, south zone (FIPSZONE 4502), Lambert Conformal Conic 600000 FT

DX5510 x Bench mark (see explanation in Notes to Users section of this FIRM panel)

River Mile

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

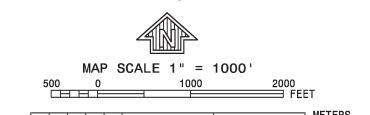
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP SEPTEMBER 4, 2002

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

agent or call the National Flood Insurance Program at 1-800-638-6620.

To determine if flood insurance is available in this community, contact your insurance



## PANEL 0265 D **FIRM** FLOOD INSURANCE RATE MAP ISLE OF WIGHT COUNTY, VIRGINIA AND INCORPORATED AREAS PANEL 265 OF 350 (SEE MAP INDEX FOR FIRM PANEL LAYOUT) NUMBER PANEL SUFFIX 510303 0265 D ISLE OF WIGHT COUNTY

MAP 21

when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

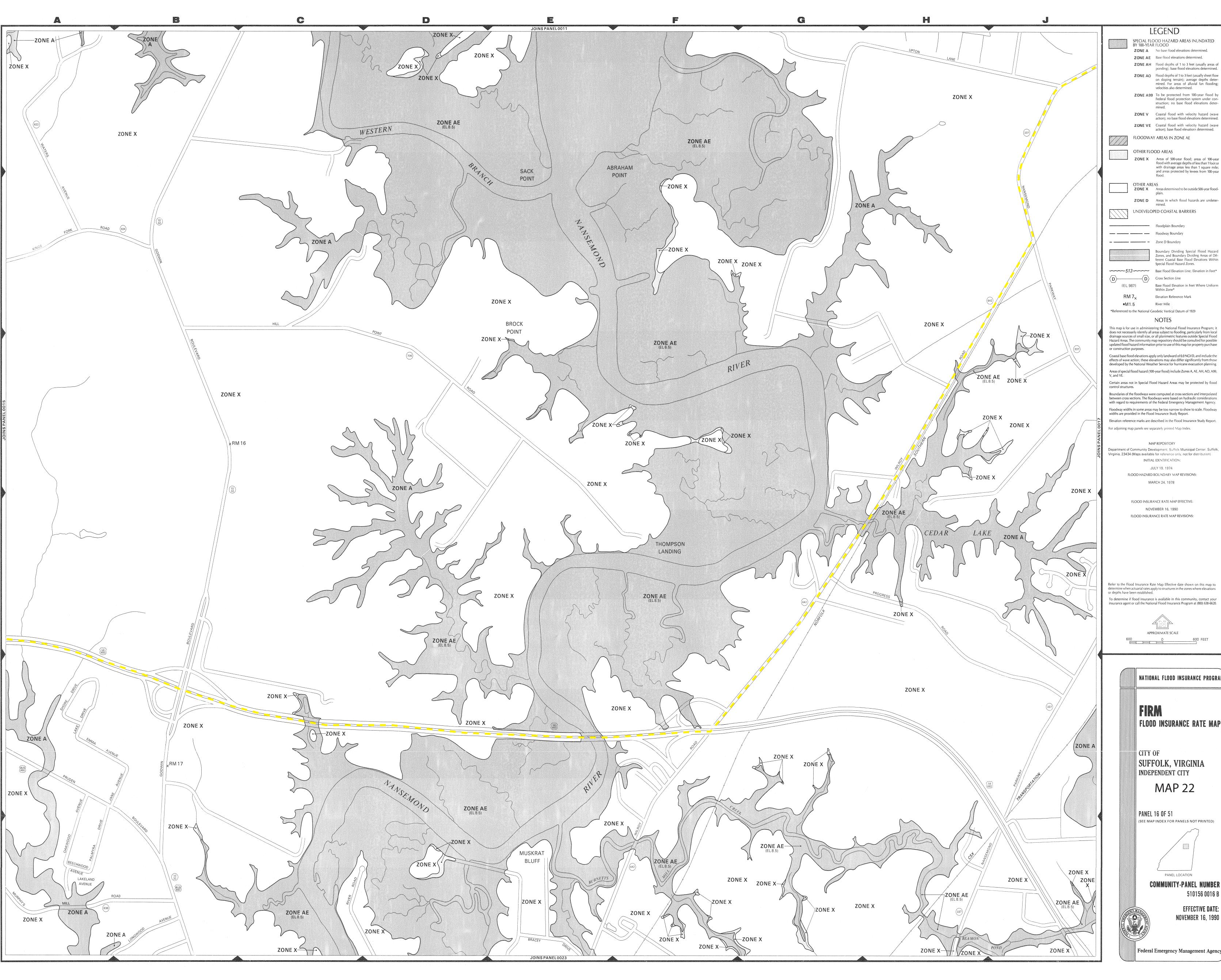


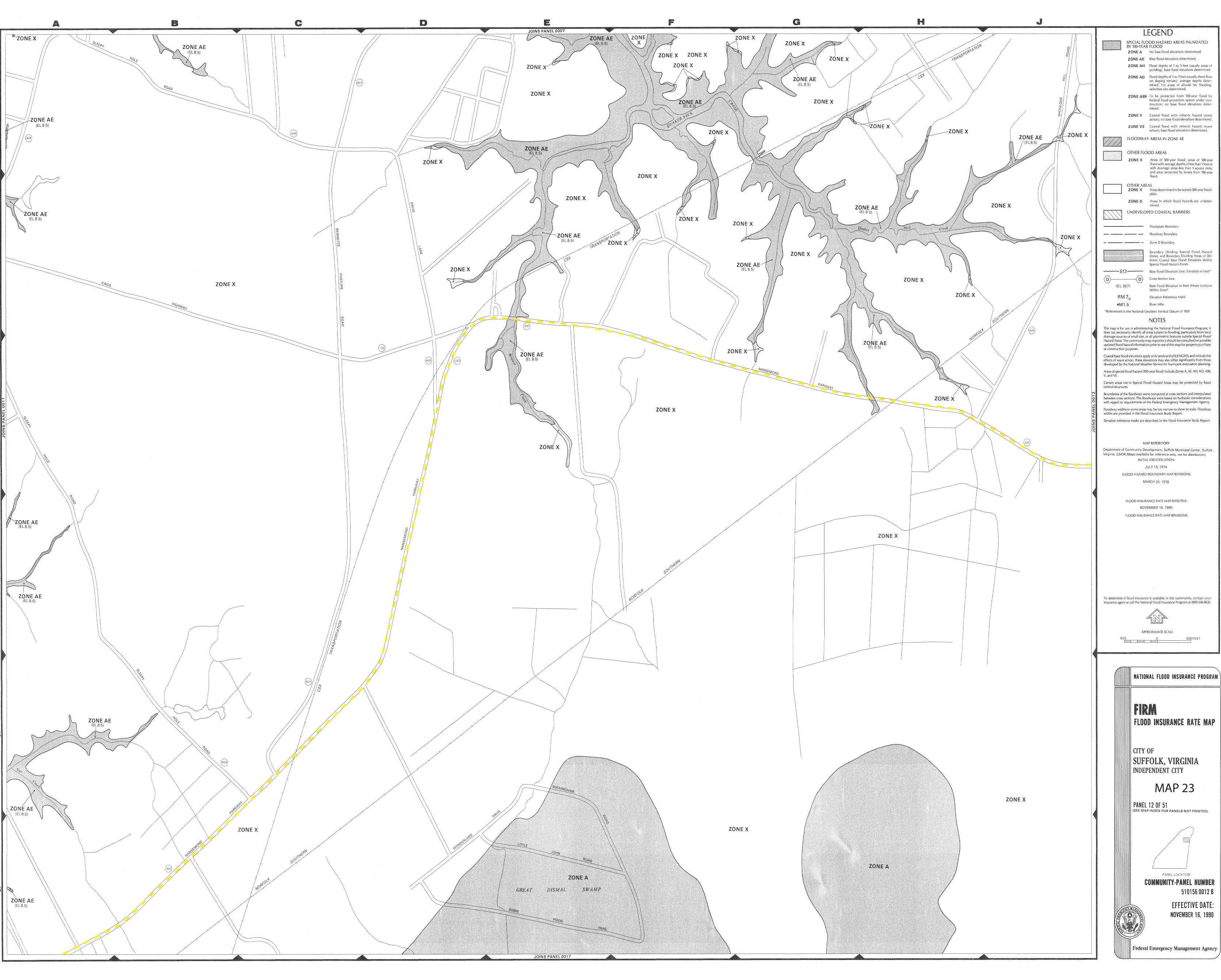
WINDSOR, TOWN OF

MAP NUMBER 51093C0265 D **EFFECTIVE DATE** SEPTEMBER 4, 2002

510295 0265 D

Federal Emergency Management Agency







### **Buggs Island Telephone Cooperative**

### **BIT Communications**

The Honorable Larry Strickling
Assistant Secretary of Commerce
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Avenue NW
Washington, DC 20230

Dear Mr. Strickling:

The purpose of this letter is to inform you of Buggs Island Telephone Cooperative's interest in providing last mile broadband services in the counties of Surry, Isle of Wight, Southampton, and the City of Franklin.

BIT currently uses MBC's regional fiber network to provide broadband services in Mecklenburg and Brunswick Counties and considers access to their middle mile network essential to providing affordable high speed internet services in these areas.

Respectfully,

Mickey L. Sims General Manager

Buggs Island Telephone Cooperative



March 24, 2010

Tad Deriso President & CEO Mid-Atlantic Broadband Cooperative 1100 Confroy Drive South Boston, Va 24592

Dear Mr. Deriso,

Cox Communications would like to express its support for Mid-Atlantic Broadband Cooperative (MBC) application for a National Telecommunications and Information Administration (NTIA), Broadband Technology Opportunities Program (BTOP) grant. Cox is a member of the Mid-Atlantic Broadband Cooperative and would utilize the new middle-mile network infrastructure that would be built with this grant to serve retail and wholesale customers in the area covered by the grant.

Cox Communications provides broadband service throughout Hampton Roads and to customers with sites throughout Virginia. To provide broadband service to customer sites located outside our Virginia systems, Cox purchases wholesale circuits from other broadband service providers. Cox also sells wholesale circuits to other broadband service providers to serve their customers in Hampton Roads. With the extension of the MBC middle-mile network infrastructure funded by this grant, Cox will be able to use the MBC network to reach customer sites across southern Virginia and MBC will be able to use the Cox network to serve their customers.

The area of Eastern Virginia that would be served by the MBC middle-mile network infrastructure funded by this grant is exactly the type of area for which the BTOP grant program was designed. Awarding a BTOP grant to MBC would significantly improve broadband access for the County's community anchor institutions, as well as enabling Cox Communications to provide broadband service to retail customers across the service areas of both MBC and Cox..

Sincerely,

Joe Bouchard

Joseph F. Bouchard, Ph.D.

Director, Government and Wholesale Sales



5200 Hampton Boulevard Norfolk • VA 23508-1507 757•889•9400 •• phone 757•489•0007 •• fax www.whro.org

March 23, 2010

Tad Deriso President/CEO Mid-Atlantic Broadband Cooperative

Dear Mr.Desiro:

On behalf of WHRO, I am writing in strong support of Mid-Atlantic Broadband Cooperative (MBC) effort to implement a middle mile project to better serve the community of South Western Virginia's tobacco region, as part of the American Recovery and Reinvestment Act of 2009 National Telecommunications Information Administrations (NTIA) Broadband Technology Opportunities Program (BTOP).

Through the partnership with MBC's middle mile proposal WHRO hopes to reach and interconnect the south west tobacco region with the Hampton Roads region to improve the quality of life of our citizens. This connection will allow more enriched educational services to reach the south west region; allowing for greater access to online resources; and improve the region's potential economic development.

MBC's middle mile program will be instrumental in overcoming the barriers to broadband access and improving the quality of life of the region's residents. WHRO expresses its support for MBC's middle mile proposal through the Broadband Technology Opportunities Program.

Sincerely,

Bert Schmidt CEO/President

WHRO

n|p|r



VICE PRESIDENT FOR ADMINISTRATION AND FINANCE NORFOLK, VIRGINIA 23529 0014 PHONE: (757) 683-3464

March 25, 2010

Mr. Tad Deriso, President and CEO Mid Atlantic Broadband Cooperative Riverstone Technology Park 1100 Confroy Drive South Boston, VA 24592

Dear Mr. Deriso:

Old Dominion University and/or the Old Dominion University Educational Foundation (hereinafter referred to as ODU) intend to support a proposal to NTIA for construction of a middle mile fiber path project, as designed by Mid-Atlantic Broadband Cooperative (MBC). The fiber path will extend from Emporia and Waverly to several points East, to include the Old Dominion University VMASC facility in Suffolk for a total of 170 miles.

With this basic understanding of intent, the parties state as follows:

- 1. MBC serve as the applicant and will provide all information necessary to submit a proposal including due diligence response.
- 2. ODU will request that ODU Office of Computing and Communications Services (OCCS) will provide all possible support for proposal development and letters of support for the project. ODU will request that ODU OCCS serve as a primary anchor tenant, as that term is recognized by the NTIA program for proposal assessment, and coordinate additional anchor tenants for the proposal and for use of the network. The proposal and any ensuing press will recognize ODU as major contributors to the project.
- 3. The project budget is anticipated to be \$12.529 million with up to \$1.25 million (portion of 20% match) to be funded by ODU.
- 4. Upon grant award, MBC will construct a system matching MBC's current fiber system specification, including fiber and nodes and governmental requirements.
- 5. MBC will own all rights to the constructed fiber system and equipment.
- 6. MBC will have exclusive rights to operate the Project subject to the requirements of the BTOP solicitation and other governmental rules, regulations and other requirements. MBC will operate the Project as an extension of their open access network using the wholesale carrier model.

- 7. MBC will be responsible for maintenance and operating expenses including an annual payment to ODU equal to the amortized value of the match amount provided by ODU. Terms are to be mutually agreed pursuant to a definitive agreement as provided herein provided the amortized amount will be based on a 10 year schedule, or other schedule as mutually agreed, at an interest rate of 100 basis points above the 10 year US Treasury note rate determined at the time of the final disbursement of the funds provided by the ODU.
- 8. ODU will retain 12 fibers throughout the entire project build to be used for research, education, and outreach objectives of ODU and may license use of these fibers to ODU and affiliates. Terms and conditions pertaining to allocation of the 12 fibers will be based on a long term IRU with a \$0 IRU fee or other instrument acceptable to ODU designed to secure ODU's investment in the network. ODU will not lease these fibers to any party competing with private sector organization. ODU, or licensee, will pay MBC an annual maintenance fee of \$100 per route mile upon lighting the fiber, and applicable collocation costs for equipment placement and operations.

Sincerely,

Robert L. Fenning Vice President for

Administration and Finance

RLF/dwm

### CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS AND LOBBYING

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 26, "Governmentwide Debarment and Suspension (Nonprocurement)" and 15 CFR Part 28, "New Restrictions on Lobbying."

# 1. DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS

As required by Executive Order 12549, Debarment and Suspension, and implemented at 15 CFR Part 26, Section 26.510, Participants responsibilities, for prospective participants in lower tier covered transactions (except subcontracts for goods or services under the \$25,000 small purchase threshold unless the subtier recipient will have a critical influence on or substantive control over the award), as defined at 15 CFR Part 26, Sections 26.105 and 26.110 -

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

#### 2 LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan. the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

#### Statement for loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification(s).

with	the	above	applicable	certification(s).	
NAME OF	APPL	ICANT		AWARD NUMBER AND/OR PROJECT NAME	-

MID-ATLANTIC BRUKDBKND COUPERATIVE GRANT ID 7280

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

GRAHAM	CIRAMSEY	GENERAL	MANAGER
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SIGNATURE

USCOMM DC 91-7114

#### CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

#### **LOBBYING**

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connecction with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying." in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996

#### Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

NAME OF APPLICANT

AWARD NUMBER AND/OR PROJECT NAME

MIDATLANTIC BROADBAND COOPERATIVE GRANTID 7280

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

GRAHAM C. RAMSEY GENERAL MANAGER

SIGNATURE J. J. CUNS

DATE 5/17/10

#### DISCLOSURE OF LOBBYING ACTIVITIES

Approved by OMB 0348-0046

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352 (See reverse for public burden disclosure.)

1. Type of Federal Action: 2. Status of Federal Action: 3. Report Type: a. contract a. bid/offer/application a. initial filing b. material change <sup>J</sup>b. initial award b. grant c. cooperative agreement c. post-award For Material Change Only: d. loan vear quarter e. loan guarantee date of last report f. loan insurance 4. Name and Address of Reporting Entity: 5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Prime Subawardee Tier \_\_\_\_\_, if known: Congressional District, if known: 4c Congressional District, if known: 6. Federal Department/Agency: 7. Federal Program Name/Description: CFDA Number, if applicable: \_\_\_\_\_ 8. Federal Action Number, if known: 9. Award Amount, if known: \$ 10. a. Name and Address of Lobbying Registrant b. Individuals Performing Services (including address if (if individual, last name, first name, MI): different from No. 10a) (last name, first name, MI): Information requested through this form is authorized by title 31 U.S.C. section
 1352. This disclosure of lobbying activities is a material representation of fact Signature: Print Name: GRAHAM & RAMSEY upon which rellance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the Title: GENERAL MANAGETS required disclosure shall be subject to a civil penalty of not less than \$10,000 and Telephone No.: 434-570-1307 not more than \$100,000 for each such failure. Authorized for Local Reproduction Federal Use Only: Standard Form LLL (Rev. 7-97)

MBC IXAS NOT ENGAGED IN LOBBYING ACTIVITIES SO THIS FORM IS NOT REPLICABLE.