

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements**

**U.S. Department of Agriculture  
Broadband Initiatives Program**

We Page County Broadband Authority (the Applicant),  
the undersigned certify, to the best of our knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on our behalf, 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 or 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, we shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying, in accordance with its instructions. See <http://www.whitehouse.gov/omb/grants/sflllin.pdf> for Disclosure Instructions.
- (3) We 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 31 U.S.C. § 1352. 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.

August 9, 2009  
(Date)

Bernard P. Miller  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:

Chairman  
Title:

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Certification Regarding Architectural Barriers**

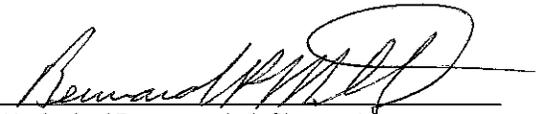
**U.S. Department of Agriculture  
Broadband Initiatives Program**

All facilities financed with Rural Development loans that are open to the public, or in which physically handicapped persons may be employed or reside, must be designed, constructed, and/or altered to be readily accessible to, and usable by, handicapped persons. Standards for these facilities must comply with the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §4151 *et seq.*) and with the Uniform Federal Accessibility Standards (UFAS), (Appendix A to 41 C.F.R. subpart 101-19.6).

As a prospective primary participant recipient of financial assistance from Rural Development, this organization commits to carry out Rural Development's established policy to comply with the requirements of the above referenced law to the effect that all facilities must be readily accessible to and usable by handicapped persons.

We, Page County Broadband Authority (the Applicant) hereby certify that, as a prospective recipient under the Rural Broadband Initiatives Program, we are in compliance, or will be in compliance upon completion of the Project, with the above referenced law.

August 6, 2009  
(Date)

  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:

Chairman  
Title:

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Equal Opportunity and Nondiscrimination Certification**

**U.S. Department of Agriculture  
Broadband Initiatives Program**

All loans and grants made under the Broadband Initiatives Program are subject to the nondiscrimination provisions of Title VI of the Civil Rights Act of 1964, as amended, (7 C.F.R. Part 15); Section 504 of the Rehabilitation Act of 1973, as amended, (29 U.S.C. 901 *et seq.*; 7 C.F.R. Part 15b); and the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101 *et seq.*; 45 C.F.R. Part 90), and Executive Order 11375, Amending Executive Order 11246, Relating to Equal Employment Opportunity (3 C.F.R. 1966, 1970).

All recipients of financial assistance from Rural Development, the prospective primary participant commits to carry out Rural Development's established policy to comply with the requirements of the above laws and executive orders to the effect that no person in the United States shall, " on the basis of race, color, national origin, handicap, or age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under the Broadband Initiatives Program.

We Page County Broadband Authority (the Applicant) hereby certify that, as a prospective recipient under the said Broadband Initiatives Program, we will comply with the above referenced laws and executive orders.

August 6, 2009  
(Date)

Bernard P. Miller  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:  
Chairman  
Title:

### 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 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 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

Page County Broadband Authority Page BBA Broadband Project

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

BERNIE HILLER CHAIRMAN

SIGNATURE

*Bernie Hiller*

DATE

August 6, 2009

## ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009  
Expiration Date 07/30/2010

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE Chairman
*APPLICANT ORGANIZATION Page County Broadband Authority	*DATE SUBMITTED August 6, 2009

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Certification Requirements BTOP**

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**U.S. Department of Commerce  
Broadband Technology Opportunities Program**

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(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. § 1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) If requesting BTOP funding, I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the DOC Pre-Award Notification, published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); DOC American Recovery and Reinvestment Act Award Terms (April 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award."

August 6, 2009  
(Date)

  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:  
Chairman  
Title:

# MILLER, EARLE & SHANKS, PLLC

*Attorneys and Counsellors at Law*

NATHAN H. MILLER  
J. BURNS EARLE, III  
GEORGE WARREN SHANKS  
DERRICK W. WHETZEL (VA, WV)

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LURAY OFFICE  
Telephone: (540) 743-4511

LINDA D. ELLIOTT  
MICHAEL W. HELM

August 5, 2009

Administrator  
Rural Utilities Service  
U. S. Department of Agriculture  
Washington, D. C. 20250-1500

Assistant Secretary  
National Telecommunications and  
Information Administration  
U. S. Department of Commerce  
Washington, D. C. 20230

## **Re: Page County Broadband Authority**

Dear Sir or Madam:

We are general counsel for the Page County Broadband Authority (the "Applicant"). In such capacity, we acted as counsel to the Applicant in connection with its ability to apply to the Broadband Initiatives Program and the Broadband Technology Opportunities Program and in the review of the grant, as referenced in the Notice of Funds Availability.

We are of the opinion that:

(a) the Applicant is a duly organized and existing corporation under the laws of the Commonwealth of Virginia.

(b) the Applicant has corporate power: (1) to execute and deliver the grant; and (2) to perform all acts required to be done by it under said agreement.

(c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform

Page 2  
August 5, 2009

the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform the duties under the grant agreement.

Very truly yours,

A handwritten signature in black ink, appearing to read "Nathan H. Miller". The signature is written in a cursive style with a large initial "N" and a long horizontal stroke extending to the right.

Nathan H. Miller

**Network Design and Implementation Plan Certification (to be complete for projects requesting more than \$1 million in federal assistance)**

**U.S. Department of Agriculture and U.S. Department of Commerce  
BIP and BTOP Program**

We the undersigned, certify that the proposed broadband system will work as described in the System Design and Network Diagram sections, and can deliver the proposed services outlined in the Service Offerings Section. Moreover, the system, as designed, can meet the proposed build-out timeframe based on the resources designated in Project Viability Section, and will be substantially complete in two years, and complete within three years.

08-09-2009

(Date)

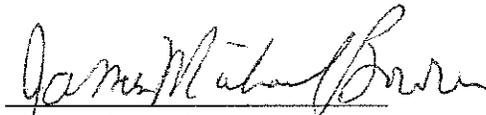
  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:

Chairman Broadband Authority  
Title:

08-07-2009

(Date)

  
(Certifying Engineer's Signature)

Michael Bowers  
Name:

Engineer, Va PE#0402045364  
Title:

DETAIL OF PROJECT COSTS

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES:		Eligibility (Yes/No)	Unit Cost	No. of Units	Total Cost	Support of Reasonableness
<b>NETWORK &amp; ACCESS EQUIPMENT</b>						
Switching						
Routing						
Transport						
Access						
Other						
<b>OUTSIDE PLANT</b>						
Cables						
Conduits						
Ducts						
Poles						
Towers						
Repeaters						

**DETAIL OF PROJECT COSTS**

<b>SERVICE AREA or COMMON NETWORK FACILITIES:</b>		<b>Eligibility (Yes/No)</b>	<b>Unit Cost</b>	<b>No. of Units</b>	<b>Total Cost</b>	<b>Support of Reasonableness</b>
<b>NETWORK &amp; ACCESS EQUIPMENT</b>						
<b>Other</b>						
<b>BUILDINGS</b>						
<b>New Construction</b>						
<b>Pre-Fab Huts</b>						
<b>Improvements &amp; Renovation</b>						
<b>Other</b>						
<b>CUSTOMER PREMISE EQUIPMENT</b>						
<b>Modems</b>						
<b>Set Top Boxes</b>						
<b>Inside Wiring</b>						
<b>Other</b>						
<b>BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS</b>						
<b>Billing Support Systems</b>						
<b>Customer Care Systems</b>						
<b>Other Support</b>						

**DETAIL OF PROJECT COSTS**

<b>SERVICE AREA or COMMON NETWORK FACILITIES:</b>		<b>Eligibility (Yes/No)</b>	<b>Unit Cost</b>	<b>No. of Units</b>	<b>Total Cost</b>	<b>Support of Reasonableness</b>
<b>OPERATING EQUIPMENT</b>						
<b>Vehicles</b>						
<b>Office Equipment/ Furniture</b>						
<b>Other</b>						
<b>PROFESSIONAL SERVICES</b>						
<b>Engineering Design</b>						
<b>Project Management</b>						
<b>Consulting</b>						
<b>Other</b>						
<b>TESTING</b>						
<b>Network Elements</b>						
<b>IT System Elements</b>						
<b>User Devices</b>						
<b>Test Generators</b>						
<b>Lab Furnishings</b>						
<b>Servers/ Computers</b>						

**DETAIL OF PROJECT COSTS**

<b>SERVICE AREA or COMMON NETWORK FACILITIES:</b>		<b>Eligibility (Yes/No)</b>	<b>Unit Cost</b>	<b>No. of Units</b>	<b>Total Cost</b>	<b>Support of Reasonableness</b>
<b>OTHER UPFRONT COSTS</b>						
<b>Site Preparation</b>						
<b>Other</b>						

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Uniform Relocation Assistance and Real Property Acquisition  
Policies Act of 1970 Certification**

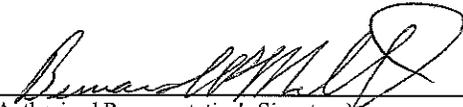
**U.S. Department of Agriculture  
Broadband Initiatives Program**

We Page County Broadband Authority (the Applicant) assure the U.S. government that we will comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, 42 U.S.C. §4601 *et seq.*, and with implementing federal regulations in 49 C.F.R. Part 24 and 7 C.F.R. Part 21.

Specifically, we assure that whenever Federal financial assistance is used to pay for any part of the cost of a program or Project which will result in the displacement of any person:

- (a) Fair and reasonable relocation payments and assistance shall be provided to or for displaced persons in accordance with sections 202, 203, and 204 of the Uniform Act;
- (b) Relocation assistance programs offering the services described in section 205 of the Uniform Act shall be provided to displaced persons; and
- (c) Within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with section 205(c) (3) of the Uniform Act.

August 6, 2009  
(Date)

  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:  
Chairman  
Title:

Pg-35. Service Metric: For BIP applicants only, the applicant must provide a description of measurable service metrics and target service level objectives (SLOs) (e.g., the speed with which new service will be established, service availability, and response time for reports of system failure at a residence) that will be provided to the customer, and a description of the approach and methodology for monitoring ongoing service delivery and service quality for the services being employed.

This question is not applicable to Step 1.

# Income Statement

	Historical		Forecast Period				
		New Venture, No Historical #s	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Revenues</b>							
Network Services Revenues:							
Local Voice Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Broadband Data	\$ -	\$ -	\$ 0	\$ 10,217	\$ 104,269	\$ 106,317	\$ 108,417
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Access Service Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Toll Service/Long Distance Voice	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Revenues	\$ -	\$ -	\$ 0	\$ 13,238	\$ 13,238	\$ 13,238	\$ 13,238
Other Revenues	\$ -	\$ -	\$ 0	\$ 3,719	\$ 454	\$ 366	\$ 366
Uncollectible Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues</b>	\$ -	\$ -	\$ -	\$ 27,174	\$ 117,961	\$ 119,922	\$ 122,022
<b>Expenses</b>							
Backhaul	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Maintenance/Monitoring	\$ -	\$ -	\$ 10,000	\$ 43,823	\$ 45,134	\$ 45,960	\$ 46,807
Utilities	\$ -	\$ -	\$ 443	\$ 454	\$ 465	\$ 477	\$ 489
Leasing	\$ -	\$ -	\$ 1,872	\$ 1,919	\$ 1,967	\$ 2,016	\$ 2,066
Sales/Marketing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Care	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Billing	\$ -	\$ -	\$ 588	\$ 648	\$ 744	\$ 744	\$ 744
Corporate G&A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Expense	\$ -	\$ -	\$ 28,211	\$ 28,211	\$ 28,211	\$ 28,211	\$ 28,211
<b>Total</b>	\$ -	\$ -	\$ 41,113	\$ 75,055	\$ 76,520	\$ 77,407	\$ 78,316
<b>EBITDA</b>	\$ -	\$ -	\$ (41,113)	\$ (47,881)	\$ 41,441	\$ 42,515	\$ 43,705
Depreciation	\$ -	\$ -	\$ (9,316)	\$ (45,728)	\$ (70,999)	\$ (71,438)	\$ (71,438)
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Earnings Before Interest and Taxes</b>	\$ -	\$ -	\$ (50,429)	\$ (93,608)	\$ (29,558)	\$ (28,924)	\$ (27,733)
Interest Expense - New RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Existing RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Other	\$ -	\$ -	\$ 2,625	\$ 5,400	\$ 3,960	\$ 2,520	\$ 1,080
<b>Income Before Taxes</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Property Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Income</b>	\$ -	\$ -	\$ (53,054)	\$ (99,008)	\$ (33,518)	\$ (31,444)	\$ (28,813)

# Balance Sheet

	Historical		Forecast Period				
	New Venture, No Historical #s	Year 1	Year 2	Year 3	Year 4	Year 5	
Cash	\$ -	\$ 106,261	\$ 12,981	\$ 10,462	\$ 10,456	\$ 23,081	
Marketable Securities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Accounts Receivable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Notes Receivable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Inventory	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prepayments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Current Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Current Assets</b>	<b>\$ -</b>	<b>\$ 106,261</b>	<b>\$ 12,981</b>	<b>\$ 10,462</b>	<b>\$ 10,456</b>	<b>\$ 23,081</b>	
Long-Term Investments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Amortizable Asset (Net of Amortization)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Plant in Service	\$ -	\$ 515,294	\$ 2,068,201	\$ 2,079,189	\$ 2,079,189	\$ 2,079,189	
Less: Accumulated Depreciation	\$ -	\$ (9,316)	\$ (55,044)	\$ (126,043)	\$ (197,481)	\$ (268,919)	
<b>Net Plant</b>	<b>\$ -</b>	<b>\$ 505,978</b>	<b>\$ 2,013,157</b>	<b>\$ 1,953,147</b>	<b>\$ 1,881,708</b>	<b>\$ 1,810,270</b>	
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Non-Current Assets</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>Total Assets</b>	<b>\$ -</b>	<b>\$ 612,240</b>	<b>\$ 2,026,138</b>	<b>\$ 1,963,608</b>	<b>\$ 1,892,164</b>	<b>\$ 1,833,351</b>	
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Current Portion - Total RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Current Portion - Other Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Current Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Current Liabilities</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
Existing RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Proposed RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Existing non-RUS Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Long-Term Liabilities</b>	<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ 110,000</b>	<b>\$ 70,000</b>	<b>\$ 30,000</b>	<b>\$ -</b>	
<b>Total Liabilities</b>	<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ 110,000</b>	<b>\$ 70,000</b>	<b>\$ 30,000</b>	<b>\$ -</b>	
Capital Stock	\$ -	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
Additional Paid-In Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Patronage Capital Credits	\$ -	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
Retained Earnings	\$ -	\$ 462,240	\$ 1,916,138	\$ 1,893,609	\$ 1,862,165	\$ 1,833,353	
<b>Total Equity</b>	<b>\$ -</b>	<b>\$ 462,240</b>	<b>\$ 1,916,138</b>	<b>\$ 1,893,609</b>	<b>\$ 1,862,165</b>	<b>\$ 1,833,354</b>	
<b>Total Liabilities and Owner's Equity</b>	<b>\$ -</b>	<b>\$ 612,240</b>	<b>\$ 2,026,138</b>	<b>\$ 1,963,609</b>	<b>\$ 1,892,165</b>	<b>\$ 1,833,354</b>	



*COMMONWEALTH OF VIRGINIA*  
*Office of the Governor*

Timothy M. Kaine  
Governor

August 10, 2009

Jonathan Adelstein  
Administrator of the United States Department of Agriculture  
Rural Development's Rural Utilities Service  
Broadband Initiatives Program  
U.S. Department of Agriculture  
1400 Independence Avenue, SW, Stop 1599  
Washington, D.C. 20250

Dear Administrator Adelstein:

One of the most important challenges I face, as Governor of Virginia, is ensuring that all businesses and citizens of the Commonwealth have access to affordable and reliable broadband infrastructure. I am very encouraged to see that the American Recovery and Reinvestment Act has committed to providing funding for the expansion and development of broadband infrastructure to rural areas.

The broadband initiatives proposed by the Rural Utilities Service through stimulus dollars are a prime example of how investments in technology can serve as a catalyst to spur huge economic gains in rural communities. With financial help from the American Recovery and Reinvestment Act, the Rural Utilities Service can work towards achieving their goal to "provide and improve broadband service to the highest proportion of rural residents who do not have adequate access to broadband services." In these difficult economic times, achieving these goals will greatly improve the quality of life for all Virginians, but especially those in unserved rural areas.

I urge you to give strong consideration to the many applications from Virginians being submitted to the Broadband Initiatives Program.

Sincerely,

A handwritten signature in black ink, appearing to read "TKaine".

Timothy M. Kaine



*COMMONWEALTH OF VIRGINIA*  
*Office of the Governor*

Timothy M. Kaine  
Governor

August 10, 2009

Lawrence E. Strickling  
Assistant Secretary for Communications and Information  
Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
HCHB, Room 4812  
1401 Constitution Avenue, NW  
Washington, D.C. 20230

Dear Secretary Strickling:

One of the most important challenges I face, as Governor of Virginia, is ensuring that all businesses and citizens of the Commonwealth have access to affordable and reliable broadband infrastructure. I am very encouraged to see that the American Recovery and Reinvestment Act has committed to providing funding for the expansion and development of broadband infrastructure to rural areas.

The broadband initiatives proposed by the National Telecommunications Information Agency through stimulus dollars are a prime example of how investment in technology can make huge gains in rural communities. With financial help from the American Recovery and Reinvestment Act, the National Telecommunications Information Agency can work towards achieving their goals of creating jobs, closing the gap in broadband access, generating increased investment and demand for broadband, and spreading high-speed access to community centers, schools, universities, libraries, job training centers, hospitals and public safety personnel. In these difficult economic times, achieving these goals will greatly improve the quality of life for all Virginians, but especially those in underserved rural areas.

I urge you to give strong consideration to the many applications from Virginians being submitted to the Broadband Technology Opportunities Program.

Sincerely,

A handwritten signature in black ink, appearing to read "TKaine".

Timothy M. Kaine

MARK R. WARNER  
VIRGINIA

COMMITTEES:  
BANKING, HOUSING, AND  
URBAN AFFAIRS  
COMMERCE, SCIENCE, AND  
TRANSPORTATION  
BUDGET  
RULES AND ADMINISTRATION

# United States Senate

WASHINGTON, DC 20510-4606

August 7, 2009

Jonathan Adelstein, Administrator of United States Department of Agriculture,  
Rural Development's Rural Utilities Service  
Broadband Initiatives Program  
Rural Utilities Service  
U.S. Department of Agriculture  
1400 Independence Avenue, SW, Stop 1599  
Washington, DC 20250

Dear Administrator Adelstein:

As the former Governor of the Commonwealth of Virginia and now as one of its U.S. Senators, I am very committed to bringing affordable broadband to businesses and citizens throughout the Commonwealth. That is why I am so encouraged by the American Recovery and Reinvestment Act's commitment to provide funding for broadband infrastructure deployment to rural communities.

I know how communities benefit when they have access to affordable broadband. When I was Governor, I worked to get grants so that homes and businesses in the small southwest Virginia town of Lebanon could get access to broadband. Lebanon created a job training center so residents could develop new job skills. Lebanon's broadband technology, plus its job training program, made it a community much more attractive to outside investment. As a result, Northrop Grumman and the information technology firm CGI opened facilities there, providing high-paying, mid-level IT jobs for about 700 people.

The stimulus broadband initiatives from the Rural Utilities Service will provide similar benefits to other Virginia communities. That's why I am so glad so many Virginians are applying to the Broadband Initiatives Program, and urge you to give their proposals strong consideration.

Thank you very much.

Sincerely,



Mark R. Warner  
United States Senator

MARK R. WARNER  
VIRGINIA

# United States Senate

WASHINGTON, DC 20510-4606

COMMITTEES:  
BANKING, HOUSING, AND  
URBAN AFFAIRS  
COMMERCE, SCIENCE, AND  
TRANSPORTATION  
BUDGET  
RULES AND ADMINISTRATION

August 7, 2009

Lawrence E. Strickling, Assistant Secretary for Communications and Information  
Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
HCHB, Room 4812  
1401 Constitution Avenue, NW  
Washington, DC 20230

Dear Secretary Strickling:

As the former Governor of the Commonwealth of Virginia and now as one of its U.S. Senators, I am very committed to bringing affordable broadband to businesses and citizens throughout the Commonwealth. That is why I am so encouraged by the American Recovery and Reinvestment Act's commitment to provide funding for broadband infrastructure deployment, for enhancing broadband capacity at public computer centers, and for encouraging sustainable adoption of broadband service.

I know how communities benefit when they have access to affordable broadband. When I was Governor, I worked to get grants so that homes and businesses in the small southwest Virginia town of Lebanon could get access to broadband. Lebanon created a job training center so residents could develop new job skills. Lebanon's broadband technology, plus its job training program, made it a community much more attractive to outside investment. As a result, Northrop Grumman and the information technology firm CGI opened facilities there, providing high-paying, mid-level IT jobs for about 700 people.

The stimulus broadband initiatives from the National Telecommunications Information Agency will provide similar benefits to other Virginia communities. That's why I am so glad so many Virginians are applying to the Broadband Technology Opportunities Program, and urge you to give their proposals strong consideration.

Thank you very much.

Sincerely,



Mark R. Warner  
United States Senator

ERIC CANTOR  
7TH DISTRICT, VIRGINIA

REPUBLICAN WHIP  
COMMITTEE:  
WAYS AND MEANS

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-4607

August 12, 2009

WASHINGTON OFFICE:  
329 CANNON HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2815  
FAX: (202) 225-0011

RICHMOND OFFICE:  
4201 DOMINION BOULEVARD, SUITE 110  
GLEN ALLEN, VA 23060  
(804) 747-4073  
1-800-438-3793  
FAX: (804) 747-5308

CULPEPER OFFICE:  
763 MADISON ROAD, SUITE 207  
CULPEPER, VA 22701  
(540) 825-8960  
FAX: (540) 825-8964

<http://cantor.house.gov>

U.S. Department of Commerce  
1401 Constitution Ave, NW  
Washington, D.C. 20230

Dear Grant Coordinator:

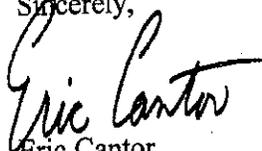
I am writing on behalf of the Page County Broadband Authority and their grant application (OMB 0660-0031) for the U.S. Department of Commerce Broadband Technology Opportunities Program.

Funding from this grant will support the expansion of affordable, high-speed telecommunications access. The Page County Broadband Authority's project is a critical component to the region's economic restructuring effort and is a priority need for the area. The open access network model that will be developed is optimal for rural, underserved communities, and will lead to greater competition for services and better quality of service for the community. The economic development opportunities that will be created through this project are significant and will greatly improve the current model in use by Page County.

I hope you will give the Page County Broadband Authority every consideration in this process. Thank you for your time and attention in this matter.

With kind regards, I am

Sincerely,

  
Eric Cantor  
Member of Congress

ERIC CANTOR  
7TH DISTRICT, VIRGINIA

REPUBLICAN WHIP  
COMMITTEE:  
WAYS AND MEANS

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-4607

August 12, 2009

WASHINGTON OFFICE:  
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763 MADISON ROAD, SUITE 207  
CULPEPER, VA 22701  
(540) 825-8960  
FAX: (540) 825-8964

<http://cantor.house.gov>

Mr. David Villano  
U.S. Department of Agriculture  
1400 Independence Ave, SW  
Washington, D.C. 20250

Dear Mr. Villano:

I am writing on behalf of the Page County Broadband Authority and their grant application (OMB 0572-0142) for the U.S. Department of Agriculture Broadband Initiative Program.

Funding from this grant will support the expansion of affordable, high-speed telecommunications access. The Page County Broadband Authority's project is a critical component to the region's economic restructuring effort and is a priority need for the area. The open access network model that will be developed is optimal for rural, underserved communities, and will lead to greater competition for services and better quality of service for the community. The economic development opportunities that will be created through this project are significant and will greatly improve the current model in use by Page County.

I hope you will give the Page County Broadband Authority every consideration in this process. Thank you for your time and attention in this matter.

With kind regards, I am

Sincerely,



Eric Cantor  
Member of Congress



Timothy M. Kaine  
Governor

Patrick O. Gottschalk  
Secretary of  
Commerce and Trade

# COMMONWEALTH of VIRGINIA

William C. Shelton  
Director

## DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

August 11, 2009

Mr. Mark Belton  
County Administrator  
Page County  
171 South Court Street  
Luray, Virginia 22835

Dear Mr. Belton:

I am writing this letter in support of the Page County Broadband Authority application for funding to support the expansion of affordable, high-speed telecommunications access. The Virginia Department of Housing and Community Development worked closely with Page County to complete a comprehensive and strategic community telecommunications planning effort, and we are pleased to support your efforts to implement this plan.

The Page County Broadband Authority's project is a critical component to the region's economic restructuring effort and we see the provision of broadband telecommunications services as a priority need for the area. We strongly feel that the open access network model to be developed is optimal for rural, underserved communities, and will lead to greater competition for services and better quality of service for your community. The economic development opportunities that will be created through this project are significant and I hope your request for assistance receives favorable consideration.

Thank you. Should you have any questions, I can be reached at 804-371-7000.

Sincerely,

Bill Shelton  
Director

cc: Tom Cardman, Page County Broadband Authority

Partners for Better Communities



[www.dhcd.virginia.gov](http://www.dhcd.virginia.gov)

**ATTACHMENT E – PROJECT PLAN (KEY PHASES AND MILESTONES TO DEMONSTRATE DEGREE OF COMPLETION)**

- Use the following table to list the major network build-out phases and milestones that can demonstrate that your entire project will be substantially complete by the end of Year 2 and fully complete by the end of Year 3. This is to be done at the aggregate level (combining all proposed funded service areas.)
- Indicate how the milestones listed below will demonstrate these completion objectives. The applicant should consider such project areas as: a) network design; b) securing all relevant licenses and agreements; c) site preparation; d) equipment procurement; e) inside plant deployment; f) outside plant deployment; g) equipment deployment; h) network testing; i) network complete and operational. The applicant may provide any other milestones that it believes showcase progress.
- Project inception (Year 0) starts at the date when the applicant receives notice that the project has been approved for funding.
- In the table, provide any information (e.g., facts, analysis) to: a) demonstrate the reasonableness of these milestones; b) substantiate the ability to reach the milestones by the quarters indicated.
- On a separate sheet, describe the key challenges, if any, to a timely completion of the project, including any applicable mitigation plans.

Time Period	Quarter	List All Relevant Milestones	Support for Reasonableness/Data Points
Year 0	-	<ul style="list-style-type: none"> <li>• Receive Project Funding</li> <li>• Project Inception</li> </ul>	<ul style="list-style-type: none"> <li>• All time lines and activities included in this Project Plan are supported and have been verified by a study completed in 2008 by a certified engineer from Icon Engineering Inc.</li> </ul>
Year 1	Qtr. 1	<ul style="list-style-type: none"> <li>• Authorization to proceed with design</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 2	<ul style="list-style-type: none"> <li>• Design complete</li> <li>• Design &amp; bid DCC preparation</li> <li>• Licenses and agreements</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 3	<ul style="list-style-type: none"> <li>• Bid evaluation and award</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 4	<ul style="list-style-type: none"> <li>• Order equipment</li> <li>• Network construction &amp; equipment deployment</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>

Year 2	Qtr. 1	<ul style="list-style-type: none"> <li>• Network construction</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 2	<ul style="list-style-type: none"> <li>• Network construction</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 3	<ul style="list-style-type: none"> <li>• Network testing &amp; launch of operations</li> </ul>	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>
	Qtr. 4	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Year 3	Qtr. 1	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
	Qtr. 2	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
	Qtr. 3	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
	Qtr. 4	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>



Attachment E continued: Aggregate Projected Broadband Subscribers

<b>Service Area</b>	<b>Institutions</b>	<b>Businesses</b>	<b>Households</b>	<b>Total</b>
Luray Town	23	198	1312	1522
Luray Area	1	71	166	141
Rileyville	1	17	492	564
Shenandoah Town	9	95	656	760
Shenandoah Area	4	77	533	614
Stanley Town	8	90	615	713
Stanley Area	7	47	328	382

Question 34.

**Challenges to the Project**

It is anticipated that there could be a maximum of three challenges to the project:

- 1) Availability of equipment. Management will ensure that design engineers are early and punctual in their process to identify the equipment needed and provide a detailed list of equipment suppliers that can be informally contacted during the design process;
- 2) Availability of contractors. Management has already begun to identify contractors suitable to perform the job in this region and as soon as the grant is awarded contracts will be put in place;
- 3) Pole acquisition to string the fiber. Management has already made contact with the current owner of the poles and is prepared to finalize negotiations once funding is secured.



103 East 6th Street  
Front Royal, Virginia 22630  
Phone: 540.636.8800  
Fax: 540.635.4147  
E-mail: nsvrc@shentel.net

NORTHERN SHENANDOAH VALLEY  
REGIONAL COMMISSION

OFFICERS August 5, 2009

Dennis M. Morris  
Chairman

John R. Riley  
Vice Chairman

John E. Vance  
Treasurer

Charles R. Johnston  
Secretary

Executive Director  
Christopher M. Price

COMMISSIONERS

CLARKE COUNTY  
Barbara J. Byrd  
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PAGE COUNTY  
Nora Belle Comer  
Carol Lee Fischer-  
Strickler

SHENANDOAH  
COUNTY  
Lillie J. Fleming  
Conrad Helsley  
Dennis M. Morris

WARREN COUNTY  
Richard H. Traczyk  
John E. Vance  
Glenn L. White

FRONT ROYAL  
J. Michael Graham  
Carson C. Lauder

LURAY  
Jerry M. Schiro

MIDDLETOWN  
Mayor Mark Brown

STRASBURG  
Scott E. Terndrup

STEPHENS CITY  
Mayor Ray E. Ewing

WINCHESTER  
Evan H. Clark  
Les Veach  
Timothy A. Youmans

Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court St.  
Luray, VA 22835

Re: Page County Broadband Project

Dear Mr. Miller,

Please accept this letter as our official support for funding through the American Recovery and Reinvestment Act. Funding for this project will enable the development of a broadband network connecting the Towns of Luray, Shenandoah and Stanley for voice, data, and video services. Broadband infrastructure will be accessible to existing and new industry, encouraging economic growth and development. Additionally, the network will provide connectivity to all schools, public safety, municipal and health care facilities. The considerable planning and design work already completed will ensure that this project can be developed expeditiously making it an ideal candidate for stimulus funding.

This project, which has been identified by the Northern Shenandoah Valley Regional Commission as the region's highest priority community and economic development initiative, will connect twenty six municipal facilities, nine community services and libraries, ten healthcare facilities, twenty four major employers, four state and federal facilities and twelve public schools and higher education sites and will provide service to over 34% of the County's population. Page County has also expressed interest in building upon their network to provide broadband services to a neighboring rural County. Development of this project can serve as the backbone of a larger regional system ensuring broadband access to our region's rural populations and businesses.

Socioeconomic conditions within Page County warrant immediate action. Data from the Census Bureau and HUD report that over 40% of Page County households are earning low to moderate incomes making it the most economically distressed jurisdiction within our region. Each of the five census tracts contain at least one block group where more than half of the households are low income. Implementation of this project will mean enhanced access, service, and economic opportunity to the County's most vulnerable population.

Again, thank you for the opportunity to support this important community and economic development infrastructure project. Please contact me at (540) 636-8800 if you have any questions or if you would like any additional information.

Sincerely,

Christopher M. Price, AICP

# COUNTY OF WARREN



County Administrator's Office  
Warren County Government Center  
220 North Commerce Avenue, Suite 100  
Front Royal, Virginia 22630

Phone: (540) 636-4600

FAX: (540) 636-6066

Email: [admin@warrencountyva.net](mailto:admin@warrencountyva.net)

*Douglas P. Stanley*  
County Administrator

## BOARD OF SUPERVISORS

\*\*\*\*\*

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Archie A. Fox  
Fork  
District

**VICE-CHAIRMAN**  
Glenn L. White  
North River  
District

Tony F. Carter  
Happy Creek  
District

Linda P. Glavis  
South River  
District

Richard H. Traczyk  
Shenandoah  
District

August 11, 2009

Dear BTOP/BIP Reviewer,

I am writing this letter in support of Page County's Telecommunications Broadband Network Implementation Plan. Page County is submitting an application for ARRA broadband stimulus funding and it is our desire to have this letter considered as part of their proposal.

Page County's main goal listed in their application is to "facilitate economic and community development county-wide by investing in broadband infrastructure." While Warren County has the same goals for the under-served portions of our community, we have found that our need is not nearly as significant as our neighboring county. It will be more practical to partner with Page County rather than to submit a stand alone application. Warren County feels that becoming a part of a larger network is the most feasible solution for both counties' broadband needs and will hopefully strengthen the application by providing a multi-jurisdictional approach to the un-served and under-served areas.

If Page County is selected to receive funding through this program, the underserved portions of southern Warren County will see a significant benefit. Tower sites that are located near the county line will allow for the expansion of service to not only Page County, but southern Warren County as well. With this in mind, we ask that you accept this letter of support on behalf of Page County, an applicant for broadband stimulus funding.

Sincerely,

Douglas P. Stanley  
County Administrator

Shenandoah Valley Partnership  
PO Box 2241  
Harrisonburg, VA 22801

(540)568-3100  
(540)568-3170  
svp@jmu.edu  
www.shenandoah-valley.biz



August 6, 2009

Mr. Bernard Miller, Chairman  
Page County Broadband Authority  
117 South Court St.  
Luray VA 22835

Dear Chairman Miller:

The Shenandoah Valley Partnership is responsible for economic development marketing of six counties and five cities in central western Virginia. We fully endorse the Page County Broadband Authority high speed "middle mile" network project. As CEO of the Partnership, I believe Page County is well positioned to take advantage of future opportunities, but its ability to do so will be contingent upon infrastructure preparation such as this broadband initiative. The Partnership sees it as an essential tool in Page's effort to broaden the economic base and stimulate job growth with Page County. In addition, it will provide high speed reliable connectivity for the educational system, health service and Emergency Medical Service responders within the County.

If you require additional assist from the Partnership please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Robin Sullenberger".

Robin Sullenberger, CEO  
Shenandoah Valley Partnership

August 6, 2009

Mr. Bernie Miller  
Chairman Page County Broadband Authority  
117 S. Court St.  
Luray, VA 22835

Re: Page County Middle Mile Fiber Project

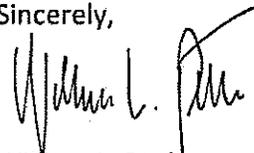
Dear Mr. Miller:

Thank you very much for the opportunity to express the support of Shenandoah Telecommunications Company (Shentel) for your proposed fiber optic cable infrastructure project. As we have previously discussed, Shentel operates several cellular sites in Page County adjacent to your proposed fiber project. With the rapid expansion of bandwidth requirements for cellular communications, your infrastructure could provide a conduit for accessing increasing amounts of bandwidth for maintaining our competitiveness as we continue to meet our customers' needs.

Shentel has identified several tower sites within reach of your proposed middle mile fiber infrastructure and understand that the Page County project has incorporated fiber to reach those sites. Fiber backhaul from those towers will allow Shentel to deploy high speed wireless services to reach a large number of currently unserved areas.

We look forward to continued discussions concerning our needs hopefully culminating in an agreement wherein we can utilize your infrastructure to meet our bandwidth needs within Page County.

Sincerely,



William L. Pirtle  
Vice President - Sales



August 10, 2009

Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller,

Page Memorial Hospital, an affiliate of Valley Health, is a Critical Access Hospital committed to setting a standard of excellence for healthcare in Page County and the surrounding areas. From emergency and surgical services to home care and rehabilitation, Page Memorial Hospital provides a full array of services with advanced technology and professional, compassionate care.

Valley Health is a not-for-profit organization serving the healthcare needs of people in Virginia, West Virginia and Maryland.

We are pleased to express our full support for the proposed broadband project being put forward by the Page County Broadband Authority.

Page Memorial services all three towns and rural areas of Page County. Access to improved connectivity will significantly enhance our ability to tend to patients' care, especially in our satellite offices within the towns of Stanley and Shenandoah. We expect that increased network bandwidth will enable us to take advantage of telemedicine opportunities, thereby providing high quality care and more affordable access to these communities.

This project will enable the hospital to develop more advanced systems to exchange and track of health records, send prescriptions directly to pharmacies, transfer information regarding specialty care, and receive information from other providers with less risk of inaccuracies.

Please do not hesitate to contact us if you have any questions.

Sincerely,

Travis Clark



*Office of the President*

August 4, 2009

Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller:

On behalf of Lord Fairfax Community College (LFCC), please accept this letter in support of your plan to create a fiber-based mid-mile solution in Page County.

As you know, LFCC's main and ancillary campuses are 50 to 70 miles away from Luray. If a reliable fiber network was established in Page County, it would enable us to connect with our other campuses, thus significantly improving our ability to develop and expand programming here. This expansion would offer many more opportunities for the local students, both youth and adult, to benefit from the teachers and student populations in other counties.

The proposed fiber project is critical to the future of Page County in terms of stimulating jobs, enhancing the education levels of county residents and providing expanded post-secondary opportunities for our children.

Please contact us once funding for the fiber network has been secured. We would like to discuss our broadband needs with you and negotiate access to the network.

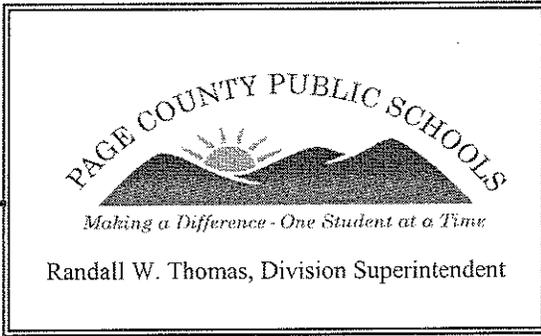
Sincerely,

Cheryl Thompson-Stacy  
President

**MIDDLETOWN CAMPUS**  
173 Skirmisher Lane  
Middletown, VA 22645  
(540) 868-7101  
(540) 868-7103 Fax

**FAUQUIER CAMPUS**  
6480 College Street  
Warrenton, VA 20187  
(540) 351-1513  
(540) 351-1533 Fax

**LURAY-PAGE COUNTY CENTER**  
334 North Hawksbill Street  
Luray, VA 22835  
(540) 843-0722  
(540) 843-0322 Fax



735 West Main Street • Luray, Virginia 22835  
phone: (540) 743-6533 • fax (540) 743-7784  
e-mail: pageco@shentel.net

Randy J. Bailey, Chairman, District 1  
Melissa S. Deibert, Vice Chairman, District 2  
Sharon K. Lucas, District 3  
C.L. "Chuck" Tomney, District 5  
Larry Foltz, District 4

August 6, 2009

Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller:

On behalf of the Board of Education of Page County, Virginia, please accept this letter in support of your initiative to create a fiber-based mid-mile solution that would enable the connection of virtually all of the education facilities in the county.

The ability to interconnect at speeds and capacities far beyond what is available today will be critical to our sustained efforts for the disadvantaged, provide innovative distance learning programs for children and adults in the county, reduce the burden of educational costs and better serve the needs of the disabled community for rehabilitation services and research.

We currently do not have a comprehensive fiber broadband solution for all of our schools. The proposed initiative would provide the means to better and more economically meet the educational needs of all of Page County.

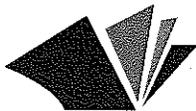
It is our intention to enter into negotiations with you regarding our capacity needs in order to acquire access to this fiber network.

Sincerely,

Dr. Randall W. Thomas  
Division Superintendent

**An Equal Opportunity Employer**

The Page County School Board does not discriminate on the basis of race, color, national origin, age, religion, marital status, disability or sex in its education programs or employment.



August 5, 2009

Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller,

As you are aware, MRL is actively engaged in discussions with the Library of Virginia and the Gates Foundation (Opportunity ONLINE Program) at this time to find an effective means of bringing high speed connectivity to all of the libraries in its service area. To this end, I am writing to lend our support to the Page County broadband initiative to establish a mid-mile solution county-wide.

The project will provide the means to communicate via high speed link between all the libraries in the region. This connectivity is vital to MRL's ability to serve low income populations, seniors, the disabled, and the underserved with the advantages of broadband. The importance of building a strong regional library system has become more critical as the resources of each individual library diminish. Library service to a region that includes large rural areas needs high speed connectivity as the best resource to improve quality of life in education, literacy, access to job opportunities and skill development.

I am pleased to see this project moving forward and would like to discuss our capacity needs with you. Please contact me once funding is in place so we can begin negotiations regarding access by the library system to the network.

Kindest regards,

Phillip T. Hearne  
Library Director

07-31-2009

Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
9216 U. S. Hwy 340 N  
Rileyville, VA 22650

Dear Bernie:

We are pleased to lend our support to create a more effective emergency network in Page County that will provide better service to all our citizens.

In these difficult economic times, providing good quality service is becoming more challenging. Efficient, timely and accurate communication and information exchange is critical in our area of work and without adequate technology Page County's ability to care for its citizens is significantly hampered. This type of broadband initiative will allow us lots more opportunities to expand out technological programs within the Fire, EMS and 911 dispatch center areas. We look forward to the opportunities to improve local services and benefit from national efforts in emergency services by having access to sufficient broadband capability.

We are committed to going ahead with the use of this technology and would like to discuss our needs with you in more detail. This program will work hand in hand with numerous types of internet based programs that we currently are interested in, such as electronic patient care reporting, and electronic hospital notification in cardiac emergencies during a heart attack.

Please contact me once funding has been put in place for the fiber network so that we can move forward.

Warmest Regards,



Wesley R. Shifflett  
Coordinator of Fire and Emergency Medical Services  
Page County Fire - EMS



*Accredited Law Enforcement Agency*



## **PAGE COUNTY SHERIFF'S OFFICE**

108 South Court Street • Luray, Virginia 22835 • (540) 743-6571 • FAX (540) 743-1252 • EMAIL [pcso@pagesheriff.com](mailto:pcso@pagesheriff.com)

Website: [www.pagesheriff.com](http://www.pagesheriff.com)

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Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

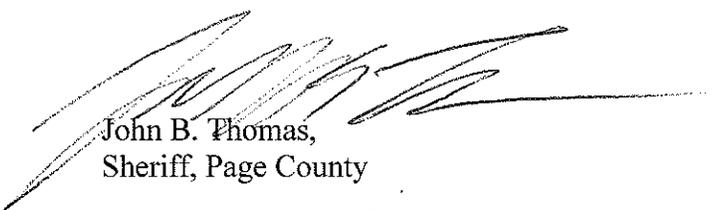
Dear Bernie,

We are pleased to lend our support to create a more effective first responder and emergency network in Page County.

In a post 9/11 environment such communication has become a priority and one that requires a coordinated and carefully planned solution. We believe that Page County's broadband project will provide an efficient, effective and secure means of interconnection with multiple law enforcement, fire and emergency services offices and crews.

We want to negotiate access to this fiber network once the broadband project is funded. Please contact us as soon as you are ready to proceed.

Sincerely,



John B. Thomas,  
Sheriff, Page County



Page County Broadband Authority  
Bernie Miller, Chairman  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller,

Page County is currently certified by the Small Business Administration (SBA) as a Historically Underutilized Business Zone (HUBZone).

Our local business community has a critical need in your initiative to create a fiber-based mid-mile solution that would enable the connection of virtually all of the large and small businesses, as well as the educational community in Page County, Virginia.

This connectivity will provide the opportunity for the public/private/educational communities to communicate more effectively and in a timely fashion. Currently, there surely are efforts we cannot receive; let alone respond to that would help the financial picture of our county.

We currently do not have a comprehensive broadband solution for our community. The proposed initiative would provide the means to better and more economically meet the business and educational needs of all of Page County.

Premier Technical Services Corporation, established in 1989, is in the process of expanding into a new offering to our clients by building a Data Center and COOP Facility in Page County. This initiative, along with our new facilities would be the (positive) *Perfect Storm* upgrade to a competitive level needed in the county. Premier stands ready to support, in any way we can, your broadband initiatives.

If you have any comments or questions, please feel free to contact me immediately.

Sincerely,

A handwritten signature in black ink, appearing to read "S. David Tong", is written over a horizontal line.

S. David Tong, CGC  
President and CEO  
Dave.Tong@pts-usa.com

**MOUNTAIN VALLEY BROADBAND**

**57 South Main Street, Suite 602**

**Harrisonburg, VA 22801**

August 5, 2009

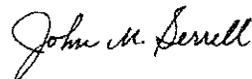
Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

Dear Chairman Miller:

As a major investor in the Mountain Valley Broadband "middle-mile" project, I wish to convey our support for Page County's Broadband Authority middle-mile high speed fiber network. As you are aware Mountain Valley Broadband is proposing a project that will be compatible with yours. In fact, as each of us progresses it is advantageous to look for synergies that complement each other's projects. Like your project, our goal is to bring high-speed broadband at low wholesale cost through our service areas. This will then allow individual ISPs to bring high-speed service at a low cost to last-mile customers.

We look forward to collaborating with Page County, the Shenandoah Valley Partnership and James Madison University in order to bring a significant economic development, health services and educational tool to the Shenandoah Valley.

Sincerely,



John N. Serrell  
Business Development Director  
[jmserrell@yahoo.com](mailto:jmserrell@yahoo.com)

JNS/k

Question 50: Financial Assumptions	
General: All assumptions were developed during a one to two year study period by Icon Broadband Technologies and Consulting Gateway Services in conjunction with the local entity. All have been developed using locally applicable rates (e.g. utilities) or industry standards as a basis	
Revenue	
Fiber Leasing Costs:	Based on a fraction of the actual cost to build the fiber optic cable developed during the detailed studies. The build cost was converted to an annual amortized cost per mile at 5 percent interest. Leased mileages were determined based on provider interest in particular segments of planned fiber.
Tower Leases:	Typical tower leases are \$500-\$3000 per month for wireless providers with three attachments. Estimated revenues were based on a single provider at the low end of expected lease rates
Anchor Customers:	Broadband revenues per customer are based on wholesale loop charges from highly competitive markets (\$100/Mb/mo) discounted beyond that rate. Customer numbers are based on an evaluation of actual potential customers
Small Business Customers:	Revenue is attributed as a network access fee only, with ISP partners providing their customer support and internet access. Data rates available over the network could be as high as 1 Gbps (GPON), but would typically be limited to 100 Mbps
Expenses:	
Utilities and Leasing:	Based on local rates for the size building considered
Network Maintenance and Operations:	Based on a data only network (capable of voice and video) with minimum numbers of end use customers. Normal operations could be handled by one person.
Depreciation:	Based on an overall list of items purchased summed into 3, 7, 20 and 39 year lifetimes. Items are depreciated equally per year except in years one and the last year of service in accordance with accepted schedules
Equipment Licensing:	Included at vendor standard rates of 6-8% of installed equipment
Pole Attachment fees:	In accordance with local utility pricing where aerial fiber was used in the proposed design
Borrowing:	Borrowing is used during the first 1-4 years of operation to support operations while network revenues are building. An assumed cost of money of 5% has been utilized. Borrowing is likely available from the Virginia Resource Authority at lower borrowing rates.
Taxes:	No tax burden has been attributed in accordance with Virginia Law under the Broadband Act.



**CERTIFICATION REGARDING LOBBYING  
LOWER TIER COVERED TRANSACTIONS**

Applicants should 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."

**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 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 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:

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 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

Page County Broadband Authority

AWARD NUMBER AND/OR PROJECT NAME

Page BBA Broadband Project

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Bernard P. Miller Chairman

SIGNATURE

Bernard P. Miller

DATE

8-12-09

### Disclosure of Lobbying Activities

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

<p><b>1. Type of Federal Action:</b>  a. contract  _____ b. grant  c. cooperative agreement  d. loan  e. loan guarantee  f. loan insurance</p>	<p><b>2. Status of Federal Action:</b>  a. bid/offer/application  _____ b. initial award  c. post-award</p>	<p><b>3. Report Type:</b>  a. initial filing  _____ b. material change</p> <p><b>For material change only:</b>  Year _____ quarter _____  Date of last report _____</p>
<p><b>4. Name and Address of Reporting Entity:</b>  _____ Prime _____ Subawardee  Tier _____, if Known:</p> <p><i>PAGE COUNTY DOES NO LOBBYING AND DOES NOT EMPLOY LOBBYISTS</i>  Congressional District, if known:</p>	<p><b>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</b></p> <p>Congressional District, if known:</p>	
<p><b>6. Federal Department/Agency:</b></p>	<p><b>7. Federal Program Name/Description:</b></p> <p>CFDA Number, if applicable: _____</p>	
<p><b>8. Federal Action Number, if known:</b></p>	<p><b>9. Award Amount, if known:</b>  \$ _____</p>	
<p><b>10. a. Name and Address of Lobbying Registrant</b>  <i>(if individual, last name, first name, MI):</i></p>	<p><b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i>  <i>(last name, first name, MI):</i></p>	
<p>11. 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 upon which reliance 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 reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: <i>Bernard P. Miller</i></p> <p>Print Name: <i>Bernard P. Miller</i></p> <p>Title: <i>Chairman</i></p> <p>Telephone No.: <i>540-743-4142</i> Date: <i>8-12-09</i></p>	
<p><b>Federal Use Only</b></p>	<p>Authorized for Local Reproduction Standard Form - LLL (Rev. 7-97)</p>	

**Upload 15) Question 44. General Overall Budget (For BTOP Consideration - Joint Application)**

Budget						
	Loan Request	Grant Request	Equity	Debt	Bonds	Other Funding
Network & Access Equipment (switching, routing, transport, access)		\$ 66,000	\$ 16,500			
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)		\$ 1,194,985	\$ 298,746			
Building & Land - (new construction, improvements, renovations, lease)		\$ -	\$ -			
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc)		\$ 89,856	\$ 22,464			
Billing and Operational Support Systems (IT systems, software, etc.)		\$ 20,000	\$ 5,000			
Operating Equipment (vehicles, office equipment, other)		\$ -	\$ -			
Professional Services (engineering design, project management, consulting, etc)		\$ 260,100	\$ 65,025			
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc)		\$ 18,000	\$ 4,500			
Site Preparation		\$ -	\$ -			
Other		\$ -	\$ -			
<b>Total Broadband System</b>		<b>\$ 1,648,941</b>	<b>\$ 412,235</b>			

**TOTAL BUDGET \$2,061,176**

**VIDEO SERVICES**

**SUBSCRIBER PROJECTS AND RATE PLANS**

**COMPLETE THE CHART BELOW FOR EACH PROPOSED FUNDED SERVICE AREA. FOR ALL OTHER SERVICE AREAS, PLEASE PREPARE A CHART THAT AGGREGATES THIS INFORMATION**

**THIS PROJECT WILL NOT BE OFFERING VIDEO SERVICES THEREFORE THIS TABLE IS NOT APPLICABLE TO THE SUBMISSION.**

	Census Community	Year 1			Year 2			Year 3			Year 4			Year 5		
		Pkg 1	Pkg 2	Other	Pkg1	Pkg 2	Other	Pkg 1	Pkg 2	Other	Pkg 1	Pkg 2	Other	Pkg 1	Pkg 2	Other
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
TOTAL																

Rates:

Package 1: (ex. 150 basic channels / \$35)

Package 2:  
(ex. 150 basic channels and Premium / \$60)

Other (Specify):

**Note:** Complete a separate table for each service area. Column headings should be changed to reflect the name of the service package to be offered. Additional columns may

be added for each year if more than three packages are offered.

**SUBSCRIBER PROJECTION TABLE AND RATE PLANS  
VOICE SERVICES**

**COMPLETE THE CHART BELOW FOR EACH PROPOSED FUNDED SERVICE AREA. FOR ALL  
OTHER SERVICE AREAS, PLEASE PREPARE A CHART THAT AGGREGATES THIS  
INFORMATION**

**THIS PROJECT WILL NOT BE OFFERING VOICE SERVICES AND  
THEREFORE THIS TABLE IS NOT APPLICABLE TO THE SUBMISSION.**

	Census Community	Year 1		Year 2		Year 3		Year 4		Year 5	
		Res	Bus								
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
TOTAL											

Rates:  
Residential Service:  
Business Service:  
Other (Specify):

**Note:** Complete a separate table for each service area.

**ATTACHMENT H – Broadband Subscriber Estimates**

Household Subscribers <i>10 Mbs Fiber Service</i>	YEAR 0	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Net add-ons									250	500	550	400	300	300	300	600	200	200	200	200	100
Cumulative subscribers									250	750	1300	1700	2000	2300	2600	3200	3400	3600	3800	4000	4100

Business Customers <i>50 Mb Service</i>	YEAR 0	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Net add-ons									5	10	15	20	20	10	5	3	3	3	3	2	1
Cumulative subscribers									5	15	30	50	70	80	85	88	91	94	97	99	100
<i>25 Mb Service</i>																					
Net add-ons									5	8	12	15	10	5	4	3	3	2	1	1	1
Cumulative subscribers									5	13	25	40	50	55	59	62	65	67	68	68	70
<i>10 Mb Service</i>																					
Net add-ons									75	25	50	50	40	20	30	30	20	20	25	20	20
Cumulative subscribers									75	100	150	200	240	260	290	320	340	360	385	405	425

Strategic Institution <i>100 Mb Service</i>	YEAR 0	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Net add-ons									6	11	12	7	5	3	3	3	3	0	0	0	0
Cumulative subscribers									6	17	29	36	41	44	47	50	53	53	53	53	53



Block denotes project implementation.  
No new subscribers during this period.

**Reasoned basis for subscriptions:**

There are three major factors impacting subscriber growth. The first is the immediate adoption of fiber services among the residential, business and strategic organizations within 500 feet of the physical network and its interconnection points; the second is the expansion of residential household growth once the project is able to contract with Internet Service Providers; and the third is the impact of broadband adoption education programs to assist in driving continued adoption rates from the current level to a 95 percent level.

This subscription rate estimate is based only on the first of these factors, representing a conservative view of subscription levels.

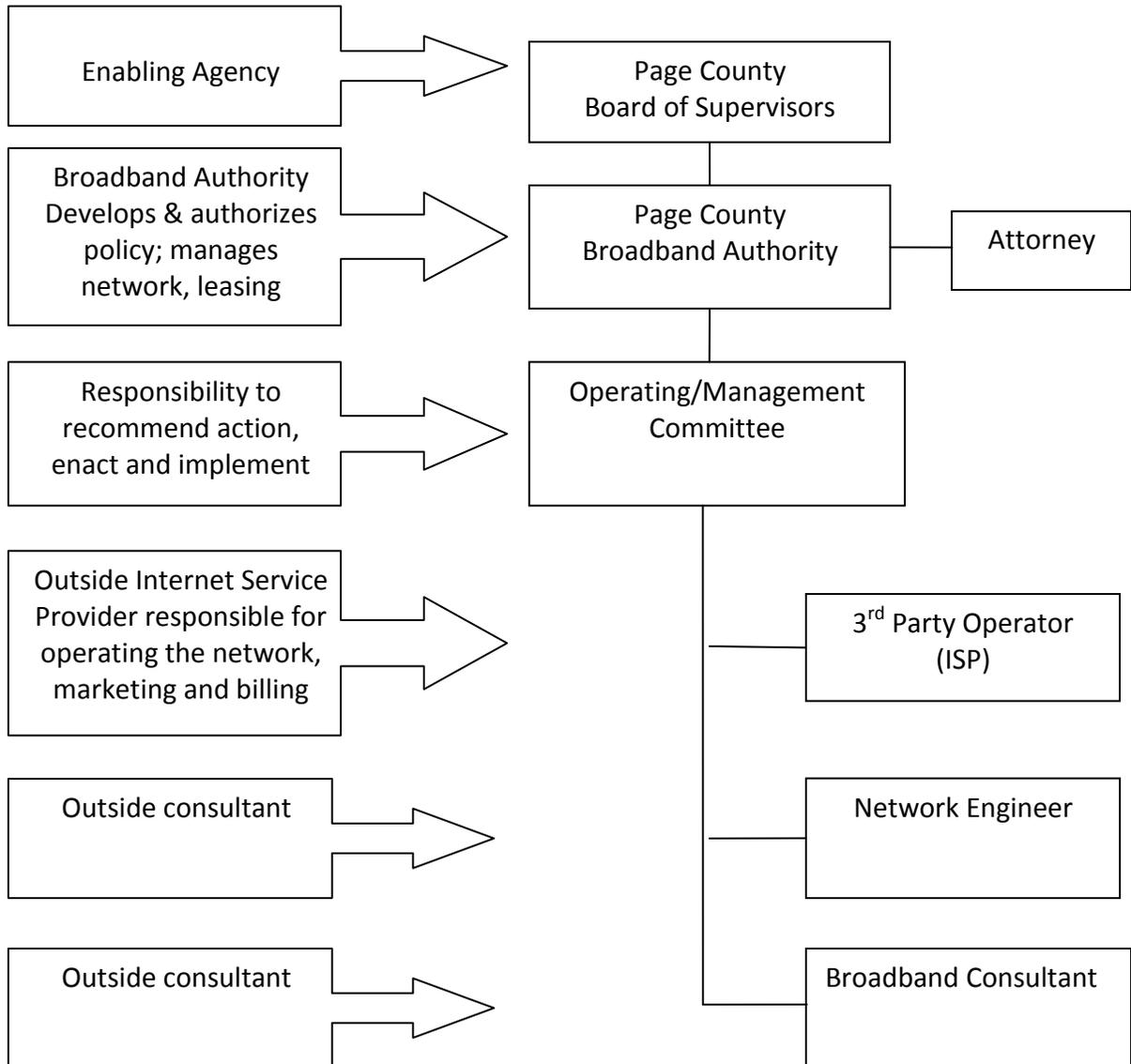
The basis for subscription levels differ for each of the three major subscription populations:

- For residential households within three miles of the fiber network, it may be assumed that there will be initial strong subscription in the first 15 months by early adopters and others in unserved areas that would bring the subscription levels up to 66 percent, tapering thereafter to a slower adoption rate through the 95 percent level. Continued growth of the subscriber base will then be stimulated by the community education broadband adoption stimulus program that is part of this plan. For households in underserved areas, the initial adoption rates will likewise be strong among early adopters and those switching from other available formats (for reasons of higher upload and download rates, and for economy). Assuming that 30 percent of those presently served do not switch services, this means that the first 15 months will see growth from the 31<sup>st</sup> percentile up to the 66 percent level along the network route, with continued growth after 5 years based on stimulation of adoption and expansion of service areas by contracted ISPs.
- For business subscribers, the market is very elastic. Small businesses and home businesses will fall into both unserved and underserved areas, but will show growth beyond the current level of approximately 300 businesses once broadband makes it possible to utilize e-commerce tools and communication.. Mid-range businesses primarily exist within the unserved areas, and may elect (at levels of approximately 30 percent) to retain their current connectivity. This means an average pool of 70 medium-sized businesses, virtually all of whom will be captured early in the cycle. Again, this population will see growth due to economic development and "main street revitalization" projects, but at a more modest rate than with small businesses. Large businesses should see almost 100 percent penetration due to the economies of scale and superior performance of fiber over convention cable or wireless technologies. These will grow from current levels of approximately 65 companies to nearly 100 by the end of the five year period, due both to economic development programs and the rise of information services in Page County such as the new data center planned by Premier Technical Services.
- Strategic Institutions, of which there are 53 in Page County, are a dynamic subscriber base that will not show extensive growth after the initial five-year program. Because of existing service agreements, these are likely to come onto the system in blocks (e.g., the school district as one block, a town's facilities in one block, etc.). Therefore, these will show steady subscribership throughout the planning period to a level of 100 percent participation. Level of participation is based on the signed letters of intent from these strategic subscribers, as noted elsewhere in this application.

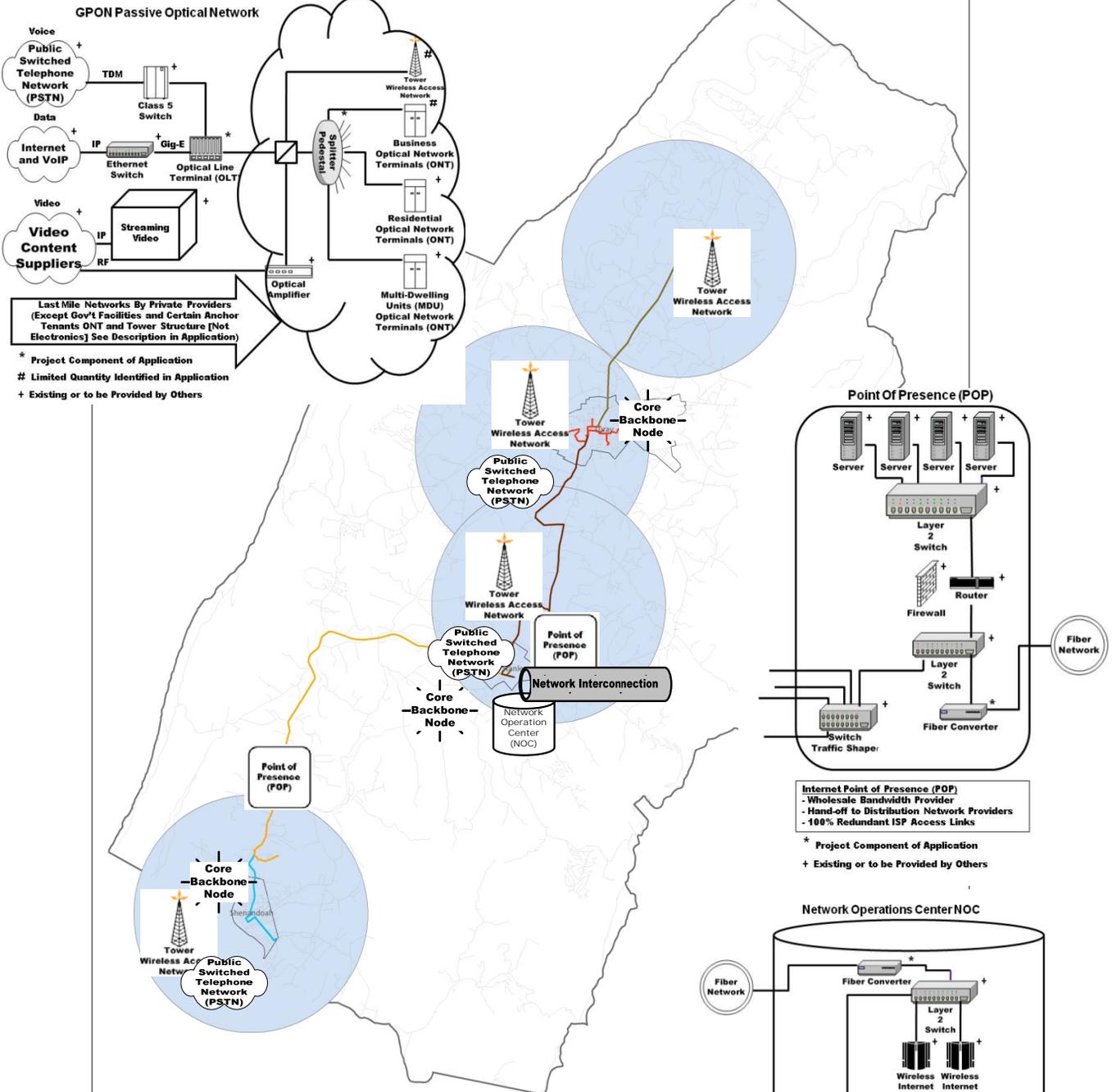
#### Question 47

The Page County Broadband Authority is a political subdivision of county government and was set up specifically to set direction, policy and oversee the implementation of a fiber network in this region. There have been no financial transactions to date and hence no financial statements have been prepared.

**ORGANIZATION CHART**  
PAGE COUNTY BROADBAND AUTHORITY



# Page County, VA Telecommunications Broadband Middle Mile Network



- \* Project Component of Application
- # Limited Quantity Identified in Application
- + Existing or to be Provided by Others

**Fiber Optic Cable Routing**

Color	Routing Type	Miles
Red	Aerial	33.7
Blue	Underground	5.5
Green	Total	39.2

**Middle Mile Fiber Network**

1 Aerial Fiber 33.7 Miles

2 Underground 5.5 Miles

3 Total Fiber 39.2 Miles

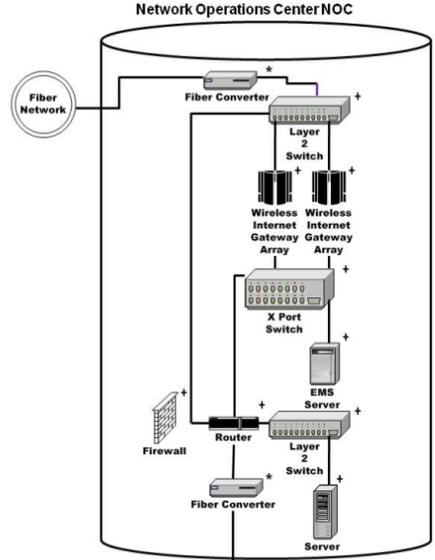
4

5

Future Wireless Service Areas

**Community Broadband Planning**  
Page County, Virginia

**Middle Mile Fiber and Towers and Future Wireless Service Areas**



- Network Operating Center**
- Network Management and Monitoring
  - Dual PSU and Dual Common Control
  - UPS
  - Diesel Generator Backup
- \* Project Component of Application
- + Existing or to be Provided by Others
- ISP / Internet Provider

**21. Attachment C: Existing Broadband Service Providers and Services Offered:**

Page County Broadband Middle Mile Solution								
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments	
Service Area 1/ Census community 1	None		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
	None		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
	None		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					

Attachment B: Service Offerings

Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing (\$)	Other
Community Anchor Tenants	Point-to-Point	100 Mb	\$1000/Mo	
Major Business Customers	Point-to-point	50 Mb	\$350/Mo	
Small Businesses	Point-to-Point	25 Mb	\$175/Mo	
		10 Mb	\$75/Mo	
ISP Service to Residential	Residential	10 Gb	\$45/Mo	

Certification Requirements for BTOP

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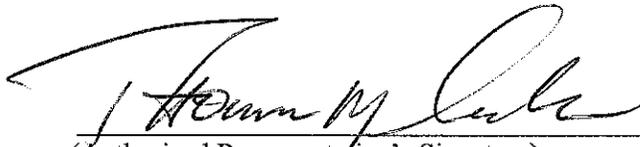
**U.S. Department of Commerce  
Broadband Technology Opportunities Program**

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I certify that I am the duly authorized representative of the applicant organization, and that I have been authorized to submit the attached application on its behalf. A copy of the applicant organization's authorization for me to submit this application as its official representative is on file in the applicant's office, and I am identified as the applicant organization's Authorized Organization Representative (AOR) in the Central Contractor Registration database. By signing this certification, I certify that the statements contained in the application are true, complete, and accurate to the best of my knowledge, and that if an award is made, the applicant organization will comply with all applicable award terms and conditions.

8-11-09

(Date)



(Authorized Representative's Signature)

THOMAS M. CREAMER

Name:

EXECUTIVE DIRECTOR BAA

Title:

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Certification Regarding Debarment, Suspension, and Other Responsibility Matters -  
Primary Covered Transactions**

**U.S. Department of Agriculture  
Broadband Initiatives Program**

This certification is required by the regulations implementing Executive Order 12549, *Debarment and Suspension*, 7 C.F.R. § 3017.510, *Participants' Responsibilities*.

- (1) We Page County Broadband Authority (the Applicant) (hereinafter the "Company") hereby certify to the best of our knowledge and belief that neither the Company, nor any of its principals:
- (a) are presently debarred, suspended, proposed for Debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) have within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) are presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - (d) have within a 3-year period preceding this Application had one or more public transactions (Federal, State, or local) terminated for cause or default.
- (2) If we are unable to certify to any of the statements in this certification, we shall attach an explanation hereto.

August 6, 2009  
(Date)

Bernard P. Miller  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:  
Chairman  
Title:

# Statement of Cash Flows

	Historical		Forecast Period				
	New Venture, No Historical #s	\$	Year 1	Year 2	Year 3	Year 4	Year 5
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>							
Beginning Cash	\$	-	\$0	\$106,282	\$12,981	\$10,462	\$10,457
Net Income		-	(53,054)	(99,008)	(33,518)	(31,444)	(28,813)
Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities:							
Add: Depreciation		-	(9,316)	(45,728)	(70,999)	(71,438)	(71,438)
Add: Amortization		-	-	-	-	-	-
Changes in Current Assets and Liabilities:							
Marketable Securities		-	-	-	-	-	-
Accounts Receivable		-	-	-	-	-	-
Inventory		-	-	-	-	-	-
Prepayments		-	-	-	-	-	-
Other Current Assets		-	\$515,294	\$1,552,907	\$10,988	-	-
Accounts Payable		-	-	-	-	-	-
Other Current Liabilities		-	-	-	-	-	-
<b>Net Cash Provided (Used) by Operations</b>	<b>\$</b>	<b>-</b>	<b>\$471,556</b>	<b>\$1,499,627</b>	<b>\$48,469</b>	<b>\$39,995</b>	<b>\$42,625</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>							
Notes Receivable		-	-	-	-	-	-
Notes Payable		-	-	-	-	-	-
Principal Payments		-	\$0	\$40,000	\$40,000	\$40,000	\$30,000
New Borrowing		-	\$150,000	\$0	\$0	\$0	\$0
Additional Paid-in Capital		-	-	-	-	-	-
Additions to Patronage Capital Credits		-	-	-	-	-	-
Payment of Dividends		-	-	-	-	-	-
<b>Net Cash Provided by Financing Activities</b>	<b>\$</b>	<b>-</b>	<b>\$150,000</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$30,000)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>							
Capital Expenditures		-	\$515,294	\$1,552,907	\$10,988	\$0	\$0
Amortizable Asset (Net of Amortization)		-	-	-	-	-	-
Long-Term Investments		-	-	-	-	-	-
<b>Net Cash Used by Investing Activities</b>	<b>\$</b>	<b>-</b>	<b>\$515,294</b>	<b>\$1,552,907</b>	<b>\$10,988</b>	<b>\$-</b>	<b>\$-</b>
<b>Net Increase (Decrease) in Cash</b>	<b>\$</b>	<b>-</b>	<b>\$106,282</b>	<b>(\$93,281)</b>	<b>(2,519)</b>	<b>(5)</b>	<b>12,625</b>
<b>Ending Cash</b>	<b>\$</b>	<b>-</b>	<b>\$106,282</b>	<b>\$12,981</b>	<b>\$10,462</b>	<b>\$10,457</b>	<b>\$23,082</b>

The senior management and project team is composed of individuals with strong professional backgrounds in critical areas such as project management, strategic planning, contract negotiation, finance and accounting, telecommunications, project financing, construction, personnel management, media relations and organizational development.

#### **Dr. Tom Cardman**

- 30 years of management experience for projects requiring government grant and fund accounting
- Senior management responsibility of over 180 million dollars of construction and infrastructure projects.
- Director for Economic Development Page County Virginia and Assistant County Administrator
- Executive Director Page County Broadband Authority
- Masters Degree in Public Administration, Rockefeller School of Public Administration
- Bachelors Degree, State University of NY, Albany
- PhD in Finance, Florida State University

#### **David P. McClure**

- President and Chief Executive Officer of the US Internet Industry Association, the primary US trade association for Internet commerce, content and connectivity
- Experience as a Cold Warrior with Strategic Air Command as B-52 Bomber pilot and later as public affairs officer
- Jefferson Award for design of communications programs for armed services
- Worked on variety of technology programs including NASA Space Shuttle
- Six years as a network engineer
- Written and lectured extensively on management and technology issues and is considered an authority on strategic business planning and technology integration for business
- Writes regular column and podcasts for the CPA Technology Advisor and contributes to Accounting Today and Accounting Technology magazine
- Bachelor of Science degree in applied science, University of Iowa (1973)
- MBA in executive management, Kent State University (1983)
- Post-graduate work in organizational development
- Graduate of Defense Information School and Karras curriculum in negotiations

#### **C. Ronald Keyser**

- Have owned and operated plumbing business for 14 years. Experience includes developing bids, negotiating and securing contracts, overseeing bookkeeping and accounting activities, management of personnel
- Worked for 20 years in computer industry. Most assignments were in Secret or Top Secret environment for Department of Defense. Responsibilities included gathering

requirements for DoD clients, designing computer systems and programs as per specified requirements, project management including overseeing all the activities of other programmers and developers.

#### **Sara Levinson**

- Five years as Chief Operating Officer for a 30-person consulting firm specializing in project financing for technology-driven firms. Responsible for hiring and training consultants and overseeing their work which involved an average of 80 concurrent client projects
- 8 years as Vice-President of television production firm. Responsible for general management, accounting, negotiating distribution agreements, private investment and personnel contracts.
- Restructured finance and accounting system for an international non-profit organization
- Have owned consulting firm for 15 years, specializing in working with growing firms and organizations. Areas of expertise include strategic planning, securing financing, organizational structuring and establishing strategic alliances.
- 3 years as Executive Director of international charitable organization with 125 offices in US, Canada and Europe
- Experience in establishing strategic alliances has included setting up business networks involving up to 14 partners
- Bachelor of Arts in Economics, graduated with Distinction, Concordia University (1982)
- MBA, specializing in operations and accounting, University of Western Ontario (1984)

#### **MICHAEL BOWERS, P.E.,**

##### **PRESIDENT**

Icon Broadband Technologies

Division of Icon Engineering, Inc.

Mr. Bowers is a licensed professional engineer with almost thirty years experience in the areas of modeling, process design engineering, consulting, and testing. He is a co-founder of Icon Engineering, Inc., the parent company, and now supervises engineering work and develops the economic analyses that play a major part in feasibility studies. Mr. Bowers performs network engineering and conceptual and detailed fiber optic network designs, working closely with vendors and experienced design and construction companies to keep abreast of current technologies, techniques and costs. Mr. Bowers holds a B.S. in Chemical Engineering and a M.S. in Materials Science and Engineering from the University of Florida. Mr. Bowers is a Registered Professional Engineer in many states including Virginia.

**JUDY BENTLEY**

**VICE PRESIDENT**

Icon Broadband Technologies  
Division of Icon Engineering, Inc.

Ms. Bentley has over twenty-five years experience in IT training, management and support, previously serving as the Director of Training and Support for with a large national firm. Within Icon she functions as both a Project Manager on many matters as well as the leading technical professional on market surveys and research. Her duties include holding detailed discussions with potential telecommunications partners and assisting in the development of market strategies for clients. Her skill set includes a high level understanding of current and near future technologies in the telecommunications and broadband arena. She is conversant in the use of both the business and engineering oriented software that is used extensively by Icon while working with clients, including GIS mapping in ESRI ArcMap.

**MICHAEL CLARK**

Senior Network Design Specialist, Icon Broadband Technologies  
Telecommunications Engineering and Design

Mr. Clark is a telecommunications design specialist with over 30 years experience in the industry; 25 years of fiber and coaxial cable engineering experience in the cable industry with the former TeleCommunications, Inc. (TCI), and more recently designing all-fiber networks for municipalities. Mr. Clark is familiar with all phases of aerial and underground construction, fiber infrastructure and fiber design practices. He has been involved in the design of a number of municipal fiber projects, both PON and active Ethernet, from both the detailed design and management perspective.

**KEITH HILL, P.E.**

**PRESIDENT**

Consulting Gateway Corporation

Mr. Hill's combined experiences as Manager for 12 years of a municipality with electric, water, wastewater, solid waste and telecommunications services, combined with his 14 years experience in providing utility, management and construction related engineering and consulting services allows Mr. Hill to bring both a public and private perspective to a project. Mr. Hill has a Bachelor of Science degree in Construction Engineering and is a Professional Engineer licensed in Virginia. His work experience includes projects ranging from assessment studies, design and construction management services for community private and open access fiber optics and wireless networks; planning of city and regional E911 and Emergency Operations Centers; development of bidding documents and specifications and project management services. Mr. Hill's special consulting emphasis in the development and application of Telecommunications and IT services is unique, addressing the many complex and critical components.

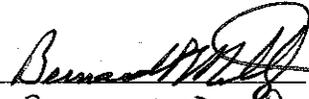
**BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM  
Federal Request and Match Verification**

Name of Applicant Organization Page County Broadband Authority  
DUNS Number 83-144-5494  
Easy Grants # of Submitted Application ID: 1410

As an Authorized Organizational Representative of the entity listed above, I verify that

(i.) The amounts in the "Grant Request" column from the budget table submitted by the entity I represent in response to Question 44 on page 17 of the Broadband Infrastructure Application completely and accurately reflect the amount of the organization's Federal grant request to NTIA; and

(ii.) The amounts in the "Cash \$" and "In-kind \$" fields submitted by the entity I represent in response to Question 52 on page 19 of the Broadband Infrastructure Application completely and accurately reflect, respectively, the organization's cash and in-kind matching contributions for the proposed project.

Signature of authorized person  Date December 14, 2009  
Print name of authorized person BERNARD P. MILLER  
Title or position CHAIRMAN

**Broadband Infrastructure Application  
Submission to RUS (BIP) and NTIA (BTOP)**

**Certification Requirements BTOP**

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**U.S. Department of Commerce  
Broadband Technology Opportunities Program**

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(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. § 1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) If requesting BTOP funding, I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the DOC Pre-Award Notification, published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); DOC American Recovery and Reinvestment Act Award Terms (April 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award."

August 6, 2009  
(Date)

  
(Authorized Representative's Signature)

Bernard P. Miller  
Name:  
Chairman  
Title:

**CERTIFICATION REGARDING LOBBYING  
LOWER TIER COVERED TRANSACTIONS**

Applicants should 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."

**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 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 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:

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 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
<i>Page County Broadband Authority</i>	<i>Page BBA Broadband Project</i>
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
<i>Bernard P. Miller</i>	<i>Chairman</i>
SIGNATURE	DATE
<i>Bernard P. Miller</i>	<i>8-12-09</i>

### 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 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 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.

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

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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

Page County Broadband Authority Page BBA Broadband Project

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

BERNIE HILLER CHAIRMAN

SIGNATURE

*Bernie Hiller*

DATE

August 6, 2009

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE Chairman
*APPLICANT ORGANIZATION Page County Broadband Authority	*DATE SUBMITTED August 6, 2009

### Disclosure of Lobbying Activities

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

<p><b>1. Type of Federal Action:</b>  a. contract  _____ b. grant  c. cooperative agreement  d. loan  e. loan guarantee  f. loan insurance</p>	<p><b>2. Status of Federal Action:</b>  a. bid/offer/application  _____ b. initial award  c. post-award</p>	<p><b>3. Report Type:</b>  a. initial filing  _____ b. material change</p> <p><b>For material change only:</b>  Year _____ quarter _____  Date of last report _____</p>
<p><b>4. Name and Address of Reporting Entity:</b>  _____ Prime _____ Subawardee  Tier _____, if Known:</p> <p><i>PAGE COUNTY DOES NO LOBBYING AND DOES NOT EMPLOY LOBBYISTS</i>  Congressional District, if known:</p>	<p><b>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</b></p> <p>Congressional District, if known:</p>	
<p><b>6. Federal Department/Agency:</b></p>	<p><b>7. Federal Program Name/Description:</b></p> <p>CFDA Number, if applicable: _____</p>	
<p><b>8. Federal Action Number, if known:</b></p>	<p><b>9. Award Amount, if known:</b>  \$</p>	
<p><b>10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI):</b></p>	<p><b>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI):</b></p>	
<p>11. 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 upon which reliance 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 reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: <i>Bernard P. Miller</i></p> <p>Print Name: <i>Bernard P. Miller</i></p> <p>Title: <i>Chairman</i></p> <p>Telephone No.: <i>540-743-4142</i> Date: <i>8-12-09</i></p>	
<p><b>Federal Use Only</b></p>	<p>Authorized for Local Reproduction Standard Form - LLL (Rev. 7-97)</p>	

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LINDA D. ELLIOTT  
MICHAEL W. HELM

August 5, 2009

Administrator  
Rural Utilities Service  
U. S. Department of Agriculture  
Washington, D. C. 20250-1500

Assistant Secretary  
National Telecommunications and  
Information Administration  
U. S. Department of Commerce  
Washington, D. C. 20230

## **Re: Page County Broadband Authority**

Dear Sir or Madam:

We are general counsel for the Page County Broadband Authority (the "Applicant"). In such capacity, we acted as counsel to the Applicant in connection with its ability to apply to the Broadband Initiatives Program and the Broadband Technology Opportunities Program and in the review of the grant, as referenced in the Notice of Funds Availability.

We are of the opinion that:

(a) the Applicant is a duly organized and existing corporation under the laws of the Commonwealth of Virginia.

(b) the Applicant has corporate power: (1) to execute and deliver the grant; and (2) to perform all acts required to be done by it under said agreement.

(c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform

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the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform the duties under the grant agreement.

Very truly yours,

A handwritten signature in black ink, appearing to read "Nathan H. Miller". The signature is written in a cursive style with a large initial "N" and a long horizontal stroke at the end.

Nathan H. Miller