



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 2/19/2010 9:27:00 AM		<b>Easygrants ID:</b> 1410	
<b>Funding Opportunity:</b> Broadband Initiatives Program and Broadband Technology Opportunities Program		<b>Applicant Organization:</b> Page County Broadband Authority	
<b>Task:</b> Submit Due Diligence - BTOP		<b>Applicant Name:</b> Dr. Tom M Cardman	

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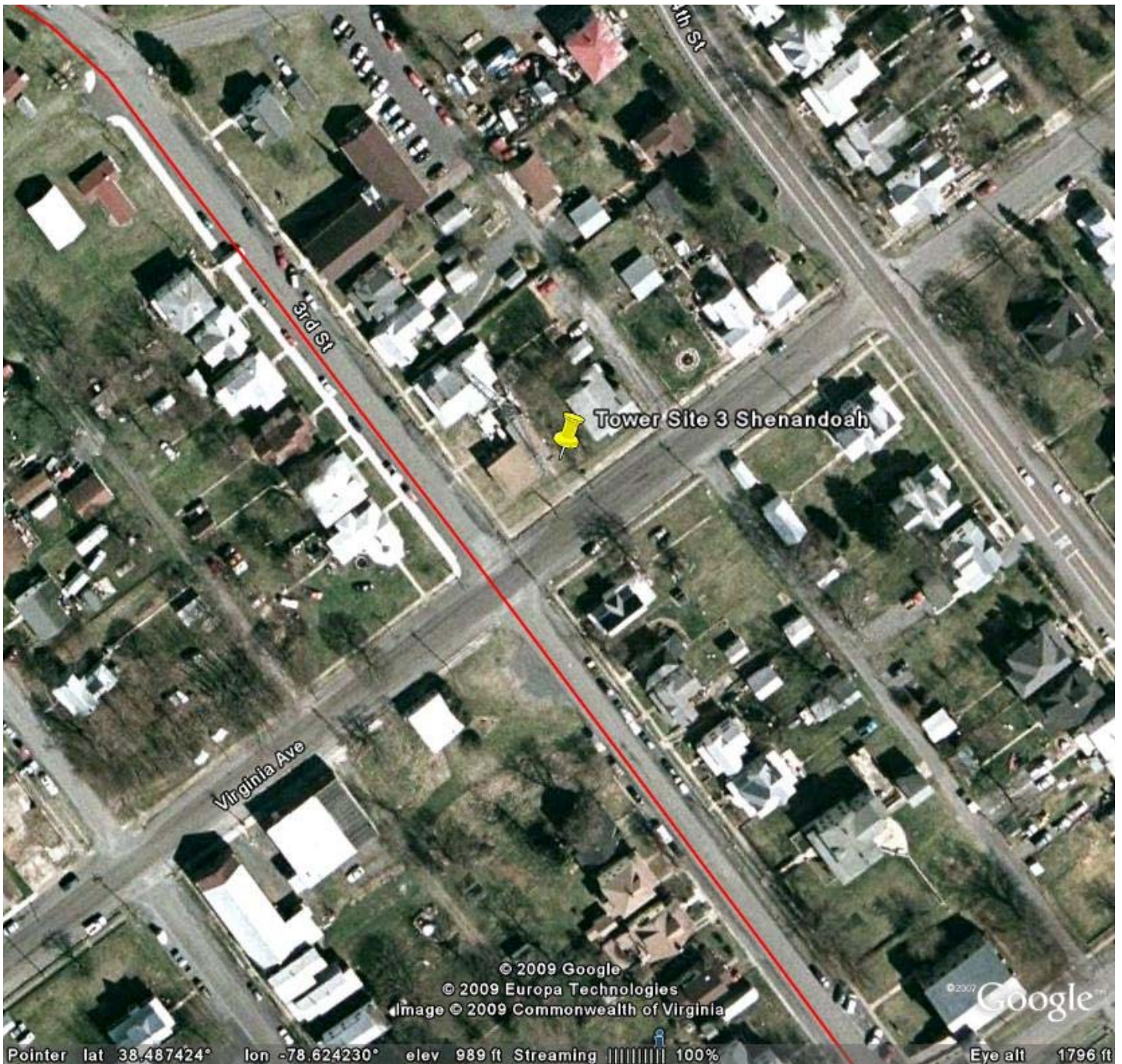
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Page County, Virginia

Tower Site 3 - Shenandoah (Existing)  
303 Virginia Avenue





Page County Broadband Authority

Easy Grants ID 1410

Response to

Supplemental Information Request (SIR)

Broadband Technology

Opportunities Program (BTOP)

U.S. Department of Commerce

National Telecommunications and Information Administration



## Table of Contents

<b>Instructions.....</b>	<b>3</b>
<b>1) Question 29 (System Design) and Question 30 (Network Diagram) .....</b>	<b>3</b>
<b>2) Section D (Questions 12 &amp; 13) Service Areas.....</b>	<b>5</b>
<b>3) Section D (Questions 17) Methodology for Determining the Unserved/Underserved Areas .....</b>	<b>5</b>
<b>4) Attachment H – Broadband Service Offerings and Subscriber Forecasts .....</b>	<b>5</b>
<b>5) Letters of Intent (LOI), MOU and Agreements.....</b>	<b>6</b>
<b>6) Question 38 – Organizational Readiness .....</b>	<b>6</b>
<b>7) Attachment E – Project Plan .....</b>	<b>7</b>
<b>8) Attachment G – Detailed Project Costs .....</b>	<b>7</b>
<b>9) Attachment K,L, and M – Pro Forma Financial Statements.....</b>	<b>7</b>
<b>10) Question 47 – Historical Financial Statements .....</b>	<b>8</b>
<b>11) Question 52 – Matching Funds .....</b>	<b>8</b>

**The Page County Broadband Authority has provided the required information in response to this MM Supplemental Information Request as Appendices attached to this summary request as directed.**

**Response begins on Page 9.**



**Instructions:**

1. You are asked to provide the information specified in column (b) for each item in column (a).
2. Please utilized the referenced Appendices when to provide the information in column (b) if applicable. For the other required information, please provide the documents (i.e. Word document, PDF, spreadsheet, etc.) with annotated and detailed information for each item and ATTACH to this summary page.
3. If any item cannot be completed, please explain why the information is incomplete.

1. **Application Reference: Question 29 (System Design) and Question 30 (Network Diagram)** - Please provide **Network Diagrams** that are clear, complete Appendix 1, and provide additional information as requested in response to this Supplemental Information Request as detailed below:

QUESTION 29 - SYSTEM DESIGN & QUESTION 30 - NETWORK DIAGRAM	
(a)	(b)
<b>Points of Interconnection: Service Distribution Nodes</b>	Detailed location information (via geospatial mapping, GIS shapefiles, street address, or latitude/longitude) of your middle and last mile service distribution nodes (e.g. primary node facilities, cell site, tower locations, and/or central offices) and identifying their designation as served, underserved, or unserved. Please include in Appendix 1, Points of Interconnection.
<b>Points of Interconnection : Internet Peering Points, LECs and COs</b>	Detailed location information (via geospatial mapping, GIS shapefiles, street address, or latitude/longitude) and depiction on your network diagrams of Internet Peering Points, access to Local Exchange Carriers and the Central Offices you plan to connect and identifying their designation as served, underserved, or unserved. Please include in Appendix 1 Points of Interconnection and Last Mile (LM) Providers.
<b>Points of Interconnect: Other</b>	Detailed location information (via geospatial mapping, GIS shapefiles, street address, or latitude/longitude) for other Points of Interconnect (POI) and identifying their designation as served, underserved, or unserved Please include in Appendix 1, Points of Interconnection.
<b>Network Infrastructure</b>	Network Diagrams and fiber route maps must indicate new or existing segments of the network infrastructure, (fiber, towers, etc) and identify numbers or distances of each type. The network must also identify segments of the network that are provided via IRU with other MM/LM providers. Please include in Appendix 1, Network Infrastructure
<b>Anchor Institutions</b>	A list with the exact locations (e.g. latitude/longitude, address) or GIS file for the Community Anchor Institutions that you are planning on serving. Identify Community Anchor Institutions where actual LM connectivity (fiber laterals or wireless connectivity) is accounted for in the network architecture and detailed project budget. Please include in Appendix 1, Community Anchor Institutions.
<b>Overlaps with other Networks</b>	Please identify and describe by specifying distance, capacity, and reason for overlap of any fiber route and/or wireless tower overlap of the known incumbent carriers (e.g. ILEC, Cable, Cellular) and other competitive carriers fiber and wireless infrastructure. Please include in Appendix 1, Network Infrastructure.



**APPENDIX 1; QUESTION 29 - SYSTEM DESIGN & QUESTION 30 - NETWORK DIAGRAM****Points of Interconnection**

Identification of MM/LM Network Points of Interconnections (Unique ID)	Identify as Service Distribution Nodes, Internet Peering Points and other POI such as manhole interconnect	Identify Location of POI from (Geospatial Map, GIS Shapefiles, Street Address, Latitude/longitude). Reference attached map/shapefile as necessary.	Identify if POI is Designated as being in either Served, Underserved, or Unserved PFSA.

**Community Anchor Institutions**

Identify the Last Mile Provider that will complete the fiber lateral or wireless access points to the Community Anchor Institutions	Number of Community Anchor Institutions (for each planned LM Provider)	Does MM Project Plan and Budget support direct connectivity to Anchor Institutions (Yes or No)	Is there a LOI or MOU from LM Provider indicating their support to complete the connectivity to the specified Anchor Institution (Yes/No)

**Last Mile (LM) Provider**

Name of LM Provider that the MM Network will Connect	Identify the POI (using the Unique ID listed above) where the ISP will connect.	Interface type (fiber, wireless, etc) with the ISP	Bandwidth (Mbps) of Planned Connectivity

**Network Infrastructure**

Construction Estimates	Total MM Network	Portion of total that is New Construction	Portion of total that exists Today.	Portion of total that is planned IRUs	Expected % of overlap with known incumbent carriers.	If overlap exists, provide rationale.
Fiber Miles						
Number of Towers						
Other, if applicable						





2. **Application Reference: Section D (Questions 12 and 13) Service Areas** - Please provide detailed visual representation for each PFSA in at least one of the three ways recommended below:

SECTION D (Questions 12 & 13) - SERVICE AREAS	
(a)	(b)
<b>Proposed Funded Service Areas</b>	<p>If available and not already provided, please provide a detailed visual representation for each of the proposed funded services areas in the form of either:</p> <p>(a) the full 15-digit FIPS code list (the full 15 digit FIPS codes consist of the following digit counts: State-2 digits; County-3 digits; Census Tract-6 digits; and Block-4 digits);</p> <p>(b) the GIS shapefiles/feature classes and/or;</p> <p>(c) detailed service map. Please designate for each area whether they are served, unserved, or underserved.</p>

3. **Application Reference: Section D (Question 17) Methodology for Determining the Unserved/Underserved Areas** - Please provide a complete narrative and identify sources of data from independent third party resources used to validate claims for unserved and underserved areas.

SECTION D (Question 17) - METHODOLOGY FOR DETERMINING THE UNSERVED/UNDERSERVED AREAS	
(a)	(b)
<b>Unserved/Underserved Areas</b>	<p>Please ensure that the methodology that you've deployed to determine unserved/underserved areas is well described. Identify independent third party resources that you have used to validate your assumptions of the unserved and underserved areas.</p>

4. **Application Reference: Attachment H – Broadband Service Offerings and Subscriber Forecasts** - Please provide narrative response and complete Appendix 2 in response to this Supplemental Information Request as detailed below:

ATTACHMENT H - BROADBAND SERVICE OFFERINGS AND SUBSCRIBER FORECASTS	
(a)	(b)
<b>Market Size and Share Assumptions</b>	<p>Please explain all the assumptions that led to the subscriber forecast (e.g., total market size, market share, take rates, etc.) for each of your targeted customer segments (e.g., businesses, strategic institutions.) Provide total potential market size by estimating the number of subscribers or customers and the calculations used in your estimate. Please provide your expected market penetration rate per service offering and the calculations you used to derive that rate.</p>
<b>Linking Subscriber Forecasts to services</b>	<p>Please tie subscriber forecasts in Attachment H to the service offerings listed in Attachment A. Include number of subscribers for each service offering, bandwidth and pricing in a table for each forecasted year, 1-5. Please break out your service forecast and revenues to Last Mile providers. Please include in Appendix 2.</p>



<b>Last Mile Providers</b>	Please provide the number of Last Mile providers that serve or are expected to serve end users in the service area during the project timeframe. Please include in Appendix 2.
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<b>APPENDIX 2; Attachment H – Broadband Service Offerings and Subscriber Estimates</b>				
<b>Broadband Service Offerings and Subscriber Estimates</b>				
Subscribers Estimates	Total Passed for all PFSAs (Combined Totals)	Total Planned Subscribers for Year 5 from Attachment H	Planned Service Offering from Attachment G	
			Planned Service Offering Bandwidth	Planned Service Offering Rate (Cost/Month)
Residential Subscribers (Households)				
Businesses				
Anchor Institutions				
Last Mile Providers				

5. **Application Reference: Questions Q35 (Licenses, Regulatory Approvals, Agreements), Q36 (Construction and Vendor Contracts), Q41 (Government and other Key Partnerships), Q42 (Recovery Act and other Government Collaboration) and Q51 (Commitment of Capital Funding Support)** - Please provide narrative response and attach all signed LOI, MOUs and Master Service Agreements (MSAs) as detailed below:

<b>LETTERS OF INTENT (LOI), MOU AND AGREEMENTS</b>	
(a)	(b)
<b>Letters of Intent (LOI), MOU and Agreements</b>	Relating to questions Q35 (Licenses, Regulatory Approvals, Agreements), Q36 (Construction and Vendor Contracts), Q41 (Government and other Key Partnerships), Q42 (Recovery Act and other Government Collaboration) and Q51 (Commitment of Capital Funding Support), please provide a complete list of signed LOI, MOUs, and/or master service agreements (MSAs) from Public/Private Partners, Community Anchor Institutions, preferred construction firms or vendors, and other MM/LM providers required to complete or support the proposed project. Please provide agreements with LM Providers or other organizations that will ensure the completion of lateral fiber and/or wireless access from the MM backbone network to the targeted population and Community Anchor Institutions.

6. **Application Reference: Questions 38 (Organizational Readiness)** - Please provide narrative response, location information and attach appropriate system design diagrams in response to this Supplemental Information Request as detailed below:

<b>QUESTION 38 – ORGANIZATIONAL READINESS</b>	
(a)	(b)



<b>Support Systems Details</b>	Please provide the location and description of key Network Operations Centers (NOC), Security Operations Centers (SOC), Operations Support Systems (OSS), Business Support Systems (BSS), and Service Desk/Customer Relationship Management systems required to provide 24x7 operations support to target customers/end users. Identify if the systems are in place today and describe your organizational experience or partnerships with existing network operators that are required to meet required Service Level Agreements. If OSS are not currently in place and applicant does not plan to provide direct support, please provide details on how applicant will have OSS addressed by partners and/or third party. Please explain any proposed supporting organization's current capabilities.
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7. **Application Reference: Attachment E (Project Plan)** - Please provide updated Attachment E or more detailed project plan in response to this Supplemental Information Request as detailed below:

ATTACHMENT E - PROJECT PLAN	
(a)	(b)
<b>Project Plan Details</b>	Please confirm Attachment E includes a Project Plan with major milestones and a full list of critical tasks required to complete the planning, design and engineering, acquisition and installation, testing, and transition to operations of the proposed MM/LM broadband infrastructure project. The details of the project plan should accurately reflect the size and complexity of the proposed project with larger projects providing more details to address the increased requirements.

8. **Application Reference: Attachment G (Detailed Project Costs)** - Please provide updated Attachment G or more detailed project cost estimate in response to this Supplemental Information Request as detailed below:

ATTACHMENT G – DETAILED PROJECT COSTS	
(a)	(b)
<b>Detailed Project Costs</b>	Please confirm Attachment G includes a Detailed Project Costs table that shows a further breakout of bill of materials with quantities and unit costs required to validate and support the network and system design. The Detailed Project Costs table should not include single entry, rolled up cost estimates for network access equipment, outside plant, node buildings etc. Assets depicted on the Network Diagram should have an associated line item in the Detailed Project Cost table.

9. **Application Reference: Attachment L, M, and N (Pro Forma Financial Statements)** – See Pro Forma Financial Statements Guide.

ATTACHMENT L, M, and N – PRO FORMA FINANCIAL STATEMENTS
<i>(Please see <b>Pro Forma Financial Statements Guide</b> as a reference)</i>



- 10. Application Reference: Question 47 (Historical Financial Statements)** - Please provide 2 years of Historical Financial Statements for the applicant or organization and attach a signed letter from the auditing firm as requested below:

<b>QUESTION 47 – HISTORICAL FINANCIAL STATEMENTS</b>	
(a)	(b)
<b>General Comment</b>	Provide 2 years of Historical Financial Statements for the organization. If financial statements have been audited, please provide a signed letter from the auditing firm indicating its opinion of the audited findings.

- 11. Application Reference: Question 52 (Matching Funds)** - Please provide matching fund waiver and signed LOI from planned matching fund contributors along with narrative detailing the agreement with sub recipient as specified below:

<b>QUESTION 52 – MATCHING FUNDS</b>	
(a)	(b)
<b>Waiver</b>	Provide a matching fund waiver, if applicable.
<b>Commitment Sources</b>	Indicate whether you are a subsidiary/holding company or are affiliated with any entities providing matching funds.
<b>Commitment Letters</b>	Provide letters from each contributor outlining their pledge for financial support.
<b>Contributors / Sub-recipients</b>	Please identify any sub recipients involved with this project. In addition, please explain the agreement with the sub recipient.



**Page County Broadband Authority**  
**Easy Grants ID 1410**

**Response and Appendices**

Information requested is repeated from MM SIR in black for each question item. The response is indicated below each item in blue.

**1. Application Reference: Question 29 (System Design) and Question 30 (Network Diagram)**

**(a) Points of Interconnection: Service Distribution Nodes**

(b) A GIS file (**PageCo 1410 ARRA Project Map 20091217.mxd**) and a GIS file geodatabase (**PageCo 1410 ARRARequestedInformation.gdb**) have been included with this response as well as a pdf file (**PageCo 1410 ARRA Project Map 20091217.pdf**) presenting the Service Distribution nodes. Generally all of the requested information is available in the feature classes “Towers” and “Central Office”. The existing towers (three) are all located in underserved areas; the new tower is in an unserved area. A reduced version of the map is placed at the end of this section on Page 14.

**(a) Points of Interconnection: Internet Peering Points, LECs and COs**

(b) A GIS file (**PageCo 1410 ARRA Project Map 20091217.mxd**) and a GIS file geodatabase (**PageCo 1410 ARRARequestedInformation.gdb**) have been included with this response as well as a pdf file (**PageCo 1410 ARRA Project Map 20091217.pdf**) presenting the Service Distribution nodes. Generally all of the requested information is available in the feature classes “LocalExchangeCarriers” and “PeeringPoints”.

The Page County Middle Mile Network will have access to Embarq, a local exchange carrier, who has a Public Switched Telephone Network (PSTN) Central Office (CO) in the towns of Luray with remote switching in Stanley and Shenandoah. In addition, the County’s network will have access to Internet Peering Points with Tier 1 Providers such as Level 3 Communications at the new Premier Technical Services Data Center. With support from the Governor’s Opportunity Development Fund and the Region’s Economic Development partners, David Tong of Premier Technical Services announced in May of 2008 that his company will invest \$16.5 million in creating a data center and office complex in Page County. This investment will create 96 new jobs in addition to their current staff, offering salaries double the County’s average per capita income. Three new buildings: corporate offices, data center, and a continuity of operations facility will be LEED-certified and built on land the County has owned and marketed. The facilities will also include a 4,500 square-foot conference center and a commercial kitchen. The high speed fiber optic light of the community’s network will energize additional new technology-based industries to see the benefits of investing in Page County.



**(a) Points of Interconnect: Other**

**(b)** In addition to the planned new Network operating Center/POP in Luray located at the Emergency Communications Center in the County Complex, two other POPs will exist near the Towns of Stanley and Shenandoah. The POP for Stanley will likely be located in a municipal or school building such as the Stanley Elementary School, Stanley Town Police, Rescue Station or Department or Virginia tech-Page Extension Office all located in Town and the POP for Shenandoah will be located at Page County High School, north of town. In addition, an existing POP that would likely be utilized would be collocated at the operations center of the Shenandoah Wireless Broadband Authority (SWBA).

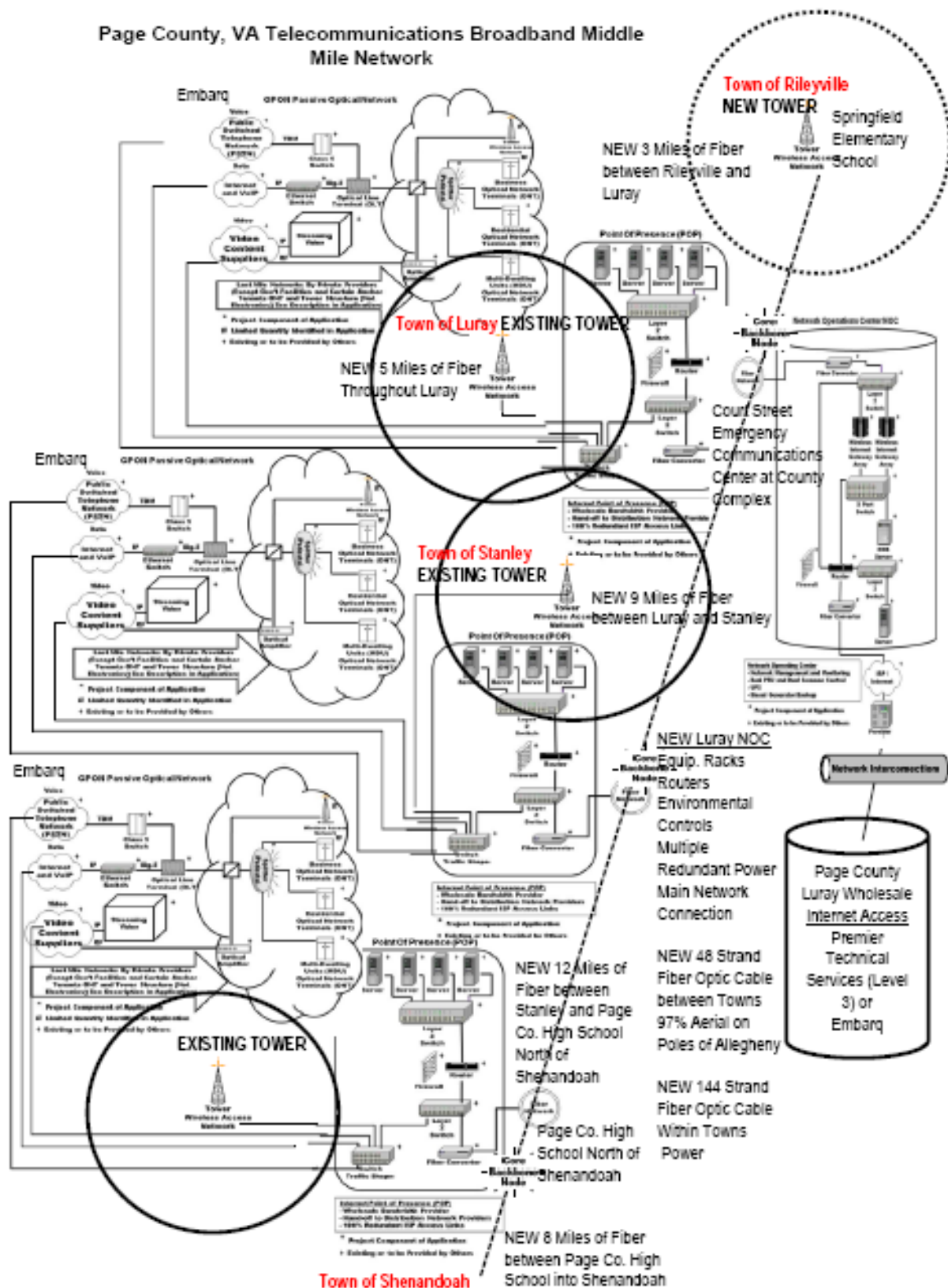
**(a) Network Infrastructure**

**(b)** Please see the attached Network Diagram (next page) for new segments. File provided in upload documents as **PageCo 1410 Network Diagram 20091217.pdf**.

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Page County, VA Telecommunications Broadband Middle  
Mile Network



**(a) Anchor Institutions**

**(b)** The anchor institutions to be served by the middle mile fiber have been identified in the table below. Some of these entities have multiple facilities in close proximity that would be served by a single connection to the fiber network and distributed between buildings. The GIS coordinates for these facilities are included in the geodatabase **PageCo 1410 ARRARequestedInformation.gdb** provided via CD to the reviewer (cannot upload GIS files through the Easy Grants system).

ENTITY	FACILITIES	
<b>County of Page</b>	All Court St. Facilities (7)	Battlecreek Landfill
	Health Dept.	Luray Compactor Site
	County Tech Park (new)	Shenandoah Compactor Site
	Senior/Community Center	Stanley Compactor Site
	Animal Shelter	Social Services - Stanley
<b>Town of Luray</b>	Town Business Office	Sewage Treatment Plant
	Police Department	Water Treatment Plant
	Fire Station	Ralph H Dean Recreation Park
	Public Works	Rescue Squad
<b>Town of Stanley</b>	Town Business Office	Wastewater Treatment
	Fire Department 1	Public Works
	Fire Department 2	Recreation Department
	Police Department	Rescue Squad
<b>Town of Shenandoah</b>	Town Business Office	Community Computer Ctr
	Police Department	Public Works
	Fire Department	Wastewater Treatment Plant
	Rescue Squad	
<b>Public Schools</b>	Administration	Springfield Elementary
	Luray High (new)	Shenandoah Elementary
	Stanley Elementary	Page County Middle
	Page County Technical	Page County High (new)
	Luray Elementary	Grove Hill Elementary
	Luray Middle	
<b>Healthcare</b>	Page Memorial Hospital	PMH Home Care & Home Med Ser
	PMH Clinic	Stanley Rural Health Center
	PMH Therapy & Fitness	Shenandoah Rural Health Center
	Hawksbill Assisted Living	Page County Senior Center
	Montvue Nursing Home	Excel Therapy
<b>Community Services</b>	Luray Public Library	Shenandoah Public Library
	Stanley Public Library	Page County Extension Office - Stanley
	LFCC Satellite Campus	Page County Job Center
	BB&T Performing Arts Ctr	Access to Care Initiative
	Chamber of Commerce	
<b>State Facilities</b>	Virginia State Police	
<b>Federal Facilities</b>	Luray Post Office	Shenandoah Post Office
	Stanley Post Office	
<b>Major Employers (Served by Last Mile Providers)</b>	Farmers & Merchants Bank	BB&T – 211 West
	VF Jeanswear	Luray Caverns



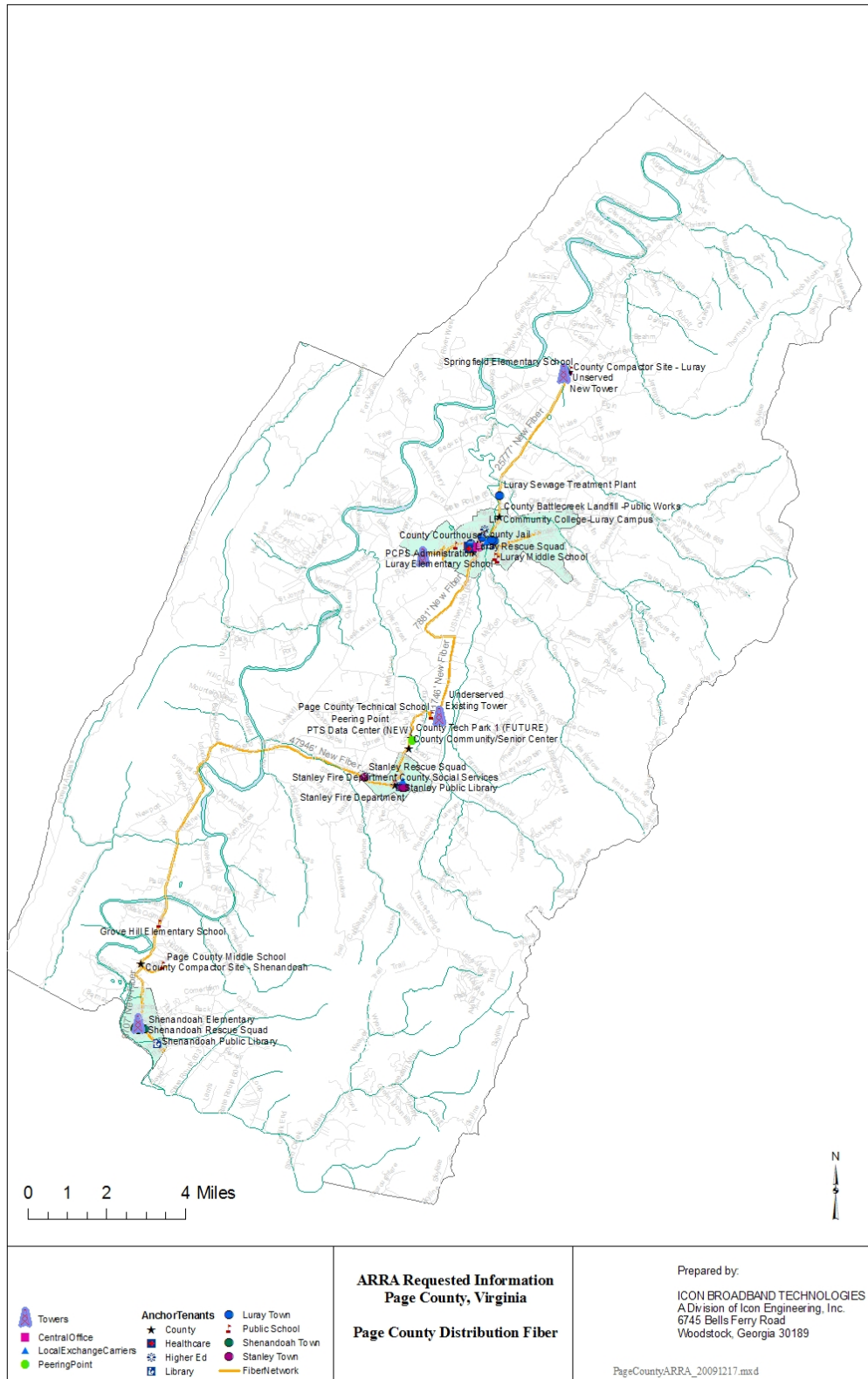


<b>Major Employers (Serviced by Last Mile Providers)</b>	Allegheny Power	Car & Carriage
	Pioneer Bank - Luray	Wal-Mart
	PTS (Main St)	McDonald's
	Pioneer Bank - Stanley	Food Lion – Luray
	PTS Data Center (new)	Emco Enterprises
	Page Valley Bank	Shen Paco Industries
	Farmers Merchants Bank	Page Cooperative Farm Bureau
	Mimslyn Inn	Food Lion - Stanley
	Shenandoah Waste Services	Masonite International
	Genie Company	KVK Precision Specialties
		Sullivan Mechanical

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## Page County Project Map - Distribution Fiber (Middle Mile Network) and POI



**(a) Overlaps with Other Networks**

**(b)** The Town of Shenandoah is currently served by the wireless network of the Shenandoah Wireless Broadband Authority (SWBA). Since the County's network is a middle mile network and not a customer access network, SWBA will be able to access more competitive bandwidth through the county's network from a core network interconnection at the Page County High School located north of Shenandoah. No in-town access network fiber is planned for Shenandoah because of the existing service area of SWBA.

There is limited residential access via Digital Subscriber Line (DSL) (26%) and cable modem (only 11%), Satellite (3%) and Wireless (2%) are available in some areas of the county, but the majority of Internet users (58%) are subscribing to dial-up service via a local subscription from providers such as Shenandoah Telephone (Shentel) and 51% describe their Internet access as inadequate. Wireless is available in most areas of Shenandoah and in limited areas of Luray and Stanley. Spotted DSL is available at limited locations in Luray, Stanley and Shenandoah. Comcast has a county-wide franchise to serve the county, but does not serve all households. Of the survey respondents, only 30% are served by cable TV while 61% subscribe to satellite TV.

**APPENDIX 1; QUESTION 29 - SYSTEM DESIGN & QUESTION 30 - NETWORK DIAGRAM**
**Points of Interconnection**

Identification of MM/LM Network Points of Interconnections (Unique ID)	Identify as Service Distribution Nodes, Internet Peering Points and other POI such as manhole interconnect	Identify Location of POI from (Geospatial Map, GIS Shapefiles, Street Address, Latitude/longitude). Reference attached map/shapefile as necessary.	Identify if POI is Designated as being in either Served, Underserved, or Unserved PFSA.
Page County High School - North of Shenandoah (ID #STAOTHERPOP)	Core Backbone Node	A GIS file ( <b>PageCo 1410 ARRA Project Map 20091217.mxd</b> ) and a GIS file geodatabase ( <b>PageCo 1410 ARRARequestedInformation.gdb</b> ) have been included with this response as well as a pdf file ( <b>PageCo 1410 ARRA Project Map 20091217.pdf</b> ) presenting the Service Distribution nodes.	Underserved
Stanley municipal or school building such as the Stanley Elementary School, Stanley Town Police, Rescue Station or Department or Virginia tech-Page Extension Office all located in town (ID# STAPOP)	Point of Presence (POP)		Underserved
Luray Emergency Communications Center County Complex (ID #LURNOC)	Network Operating Center (NOC)		Underserved
Luray Emergency Communications Center County Complex (ID #LURPOP)	POP and Core Backbone Node for fiber to Rileysville		Underserved
Not part of ARRA Application – SWBA operations center, Town of Shenandoah (ID#SHEPOP)	POP		Underserved



<b>Community Anchor Institutions</b>			
Identify the Last Mile Provider that will complete the fiber lateral or wireless access points to the Community Anchor Institutions	Number of Community Anchor Institutions (for each planned LM Provider)	Does MM Project Plan and Budget support direct connectivity to Anchor Institutions (Yes or No)	Is there a LOI or MOU from LM Provider indicating their support to complete the connectivity to the specified Anchor Institution (Yes/No)
Virginia Broadband, DigitalBridge, or Rural Broadband Network Services (RBNS) - <b>Rileyville</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4	No	
Premier Technical Services- <b>Luray</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 20	Yes	
Virginia Broadband, DigitalBridge, or Rural Broadband Network Services (RBNS) – <b>Luray Other Areas</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1	No	
Premier Technical Services- <b>Stanley</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6	No	
Virginia Broadband, DigitalBridge, or Rural Broadband Network Services (RBNS) – <b>Stanley Other Areas</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 9	No	
Premiere Technical Services, Shenandoah Wireless Broadband Authority, Rural Broadband Network Services (RBNS), DigitalBridge, Shentel Telephone- <b>Shenandoah</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 4	Yes	
Virginia Broadband, DigitalBridge, or Rural Broadband Network Services (RBNS) – <b>Shenandoah Other Areas</b>	Critical Community Facilities, Anchor Institutions and Public Safety Entities: 10	No	



Last Mile (LM) Provider						
Name of LM Provider that the MM Network will Connect	Identify the POI (using the Unique ID listed above) where the ISP will connect.	Interface type (fiber, wireless, etc) with the ISP			Bandwidth (Mbps) of Planned Connectivity	
Rural Broadband Network Services (RBNS)	(ID #STAOTHERPOP)	Wireless			256 Kbps – 2Mbps (Res) Up to 4Mbps (Commercial)	
Premier Technical Services-Stanley Anchor	(ID# STAPOP)	Fiber Anchor			Up to 10 Mbps/Down OC3 (155 Mbps) Available	
Rural Broadband Network Services (RBNS)	(ID #STAOTHERPOP)	Wireless – Other			256 Kbps – 2 Mbps OC3 (155 Mbps) Available	
Premier Technical Services (Level 3 Comm.)	(ID #LURNOC)	Fiber			DS3-OC3	
Premier Technical Services-Luray	(ID #LURPOP)	Fiber			Up to 10 Mbps/Down OC3 (155 Mbps) Available	
Rural Broadband Network Services (RBNS) - Rileyville	(ID#LURPOP)	Wireless			256 Kbps – 2Mbps Up to 4Mbps (Commercial)	
Shenandoah Wireless Broadband Authority (SWBA)	(ID#SHEPOP)	Wireless			256 Kbps – 2Mbps Up to 4Mbps (Commercial)	
Network Infrastructure						
Construction Estimates	Total MM Network	Portion of total that is New Construction	Portion of total that exists Today.	Potion of total that is planned IRUs	Expected % of overlap with known incumbent carriers.	If overlap exists, provide rationale.
Fiber Miles	38 miles	38 miles	0%	100%		Majority of Internet users (58%) are subscribing to dial-up and 51% describe their Internet access as inadequate. MM access network will provide choice of providers, speeds, access methods, and pricing.
Number of Towers	1 new 3 existing	1 new	3 existing	100%		
Other, if applicable						



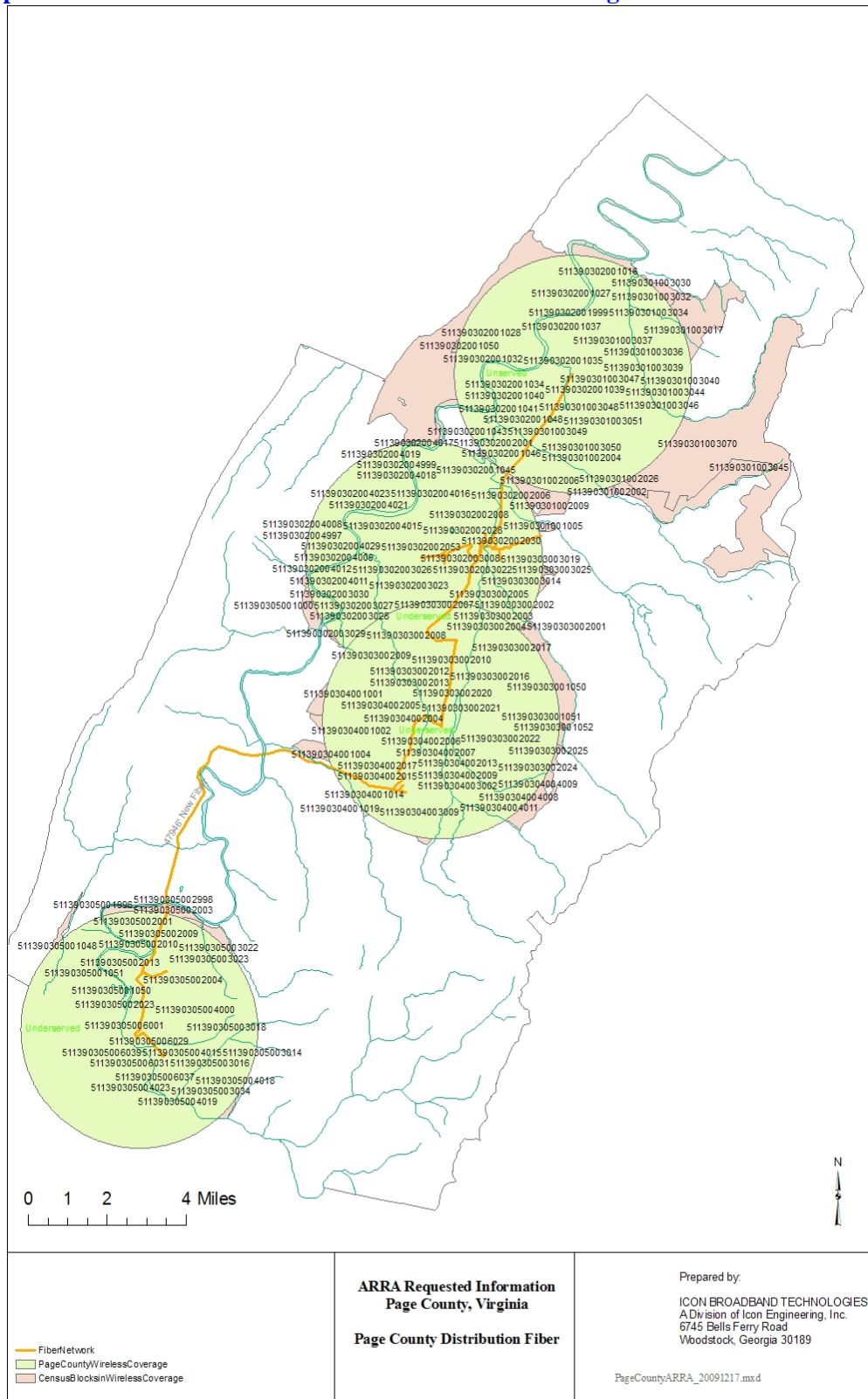
**2. Application Reference: Section D (Questions 12 and 13) Service Areas****(a) Proposed Funded Service Areas**

(b) The proposed funded service territories consists of the coverage areas from four wireless towers (three existing, one projected) based on census 2000 data. The results are presented visually in the uploaded file **PageCo 1410 Ques2SectionD Map 20091217.pdf** as well as gis file **PageCo 1410 Quest2SectionD GIS Map 20091217.mxd** provided to the reviewer on CD (cannot upload GIS files through the Easy Grants system). All of the data is included in the file geodatabase **PageCo\_1410\_ARRArequestedInformation.gdb**. Three of the tower areas cover underserved areas, the northernmost one covers an unserved area. All are labeled appropriately. A reduced version of the pdf drawing is provided on the following page.

The remainder of this page left intentionally blank.



## Proposed Funded Service Areas – Census 2000 FIPS Listing





**3. Application Reference: Section D (Question 17) Methodology for Determining the Unserved/Underserved Areas – Please provide a complete narrative and identify sources of data from independent third party resources used to validate claims for unserved and underserved areas.**

Page County has been engaged in community broadband planning for three (3) years. A two phase study has been completed, and an Implementation Plan developed to guide deployment of middle mile infrastructure to enable last mile service expansion. The County contracted Icon Broadband Technologies, a division of Icon Engineering, Inc. to perform all tasks in accordance with the Virginia Rural Broadband Planning Initiative funded in part by the Virginia Department of Housing and Community Development. A needs assessment was completed to inventory broadband service availability, determine residential and business adoption, and assess areas of demand for higher speed services. Residential and business input was provided through two separate mailed and online surveys. A two-page survey polled basic demographic data, Internet usage habits, method of access (e.g. dial-up, DSL, cable modem), satisfaction with current providers, and monthly cost of access to the Internet. Response to the Page County surveys was high, resulting in return rates of 32% (797) residential and 17% (86) business; a statistically valid sample size at a 95% confidence level. Results of the survey effort are summarized as follows:

DSL service is currently available to a majority of business consumers and the densely populated residential areas within each town's limits. Many of those located beyond DSL service areas indicate a desire to subscribe to service if it were available. Current DSL customers express frustration with unreliable service, citing network outages due to weather and unreliable telephone infrastructure. Cable modem Internet service is currently available within the town limits and to a portion of residential areas extending just outside the towns and used by only a small percentage of subscribers. Dial-up Internet access is in use by 58% of residents and 19% of businesses; the majorities indicate a desire to subscribe to higher speed service if it were available and affordable.

Businesses requiring higher speed access than is currently available account for 31% of respondents and 81% of all businesses express some level of dissatisfaction with current providers. Although the majority of business users were unsure as to how much bandwidth they are currently receiving, one-half of all businesses (50%) state the greatest amount of frustration is attributed to slow speed and a lack of bandwidth. The majority of businesses using dial-up state speeds are inadequate, and 24% of broadband users (DSL and cable modem) are also dissatisfied with the speed (bandwidth) they are receiving. The majority of dissatisfied businesses are located in Luray. Survey comments specifically state desire for new broadband access methods at competitive rates and/or significantly higher access speeds for the same or similar pricing currently.

The incumbent providers were included in the broadband study through a Request for Interest (RFI) process that queried current service areas and interest in expanding services to reach additional homes and businesses. The responses from incumbent providers were as follows:

Embarq (now CenturyLink): DSL availability limited to the central office serviceable area – no use of remote cabinets to extend service. Expressed interest in using middle mile infrastructure to extend DSL





to additional areas, but no commitment due to 1) impending sale/merger with Century Tel and 2) financing secured and network in deployment.

**Comcast Cable:** Comcast purchased the Page County system through the Adelphia bankruptcy. The network had not been updated to Comcast's standards and fiber services to businesses were not offered. The Comcast representative confirmed cable modem services were limited to the densely populated areas of the town limits (Luray, Stanley and Shenandoah) and verbally expressed interest in the opportunity to use the proposed middle mile fiber to offer expanded services, but ultimately Comcast corporate office declined to submit documents in response to the RFI or participate further in the study and planning process.

**Rural Broadband Network Services (RBNS):** RBNS is the only wireless provider offering services anywhere in Page County. Services are available primarily throughout the Shenandoah town limits (as the operator of the Shenandoah Wireless Broadband Authority or SWBA) and in limited areas between Shenandoah and Luray. This operator's serving equipment is attached to towers located on the mountains east and west of the county, and service is limited to line of sight to those towers. The Rileyville area north of Luray is an area this provider would like to serve; there is no cable or DSL available, and strong demand for any service faster than dial-up. Due to line of sight issues, RBNS has been able to serve only a handful of customers to date (less than 10%). RBNS indicated their support for the middle mile infrastructure that would allow them to serve additional areas and provide access to competitively priced high bandwidth backhaul from the towers proposed.

The needs assessment and input from incumbent providers confirmed the Shenandoah, Stanley and Luray areas are underserved as less than 40% subscribe or have access to broadband technologies. The Rileyville area is considered unserved due to less than 10% having access to a broadband technology of any type (no cable modem, no DSL).

#### **4. Application Reference: Attachment H – Broadband Service Offerings and Subscriber Forecasts**

##### **(a) Market Size and Share Assumptions**

**(b)** The total number of potential customers passed for both wireless and fiber networks was developed from GIS analysis using census 2000 data (residential) and business data either purchased commercially or provided by Page County personnel.

Page County has proceeded through a process which included an RFI during which various wireless and wireline providers indicated their interest in providing services over the the Page County network. The network is still a middle mile network wherein the ultimate number of subscribers will be determined by the skill and zeal of the last mile providers. Typically wireless service could be expected to reach 15 percent after five years. The wireless numbers estimated anticipate reaching that number after five years of actual service starting in year three of this project.

Direct fiber providers can typically reach 40 to 50 percent of the total market (approaching 80 percent nationally). An estimate approaching 33 percent at the end of five years was considered reasonable.



There are a limited number of potential anchor institutions in Page County including the school system, the Page County Hospital and a limited number of large businesses. As part of work completed prior to this submission, the anchor organizations were contacted and generally indicated their interest to receive less expensive, reliable Internet access over the Page County Network. Page County intends to work with existing providers such as Premier Technical Services (PTS) to provide this service.

Page County will provide Internet service directly to municipal facilities passed by the fiber network. A total of 42 have been identified within 250 feet of the fiber. These were consolidated into 29 because of the close proximity of some facilities. Each of these will receive 10 Mbps services initially.

**(a) Linking Subscriber Forecasts to services**

**(b)** Attachment H has been provided in Appendix 2 and as a separate PDF incorporating the projected number of customers. Upload document name is **PageCo 1410 Attach H – Subscriber Estimates.pdf**.

**(a) Last Mile Providers**

**(b)** The following last mile providers serve or are expected to serve end users in the service area during the project timeframe.

<b>Identify the Last Mile Providers</b>
Virginia Broadband, DigitalBridge or Rural Broadband Network Services (RBNS) - <b>Rileyville</b>
Premier Technical Services- <b>Luray</b>
Virginia Broadband, DigitalBridge or Rural Broadband Network Services (RBNS) – <b>Luray Other Areas</b>
Premier Technical Services- <b>Stanley</b>
Virginia Broadband, DigitalBridge or Rural Broadband Network Services (RBNS) – <b>Stanley Other Areas</b>
Premiere Technical Services, Shenandoah Wireless Broadband Authority, Rural Broadband Network Services (RBNS), Shentel Telephone- <b>Shenandoah</b>
Virginia Broadband, Digital Bridge or Rural Broadband Network Services (RBNS) – <b>Shenandoah Other Areas</b>

**5. Application Reference: Questions Q35 (Licenses, Regulatory Approvals, Agreements), Q36 (Construction and Vendor Contracts), Q41 (Government and Other Key Partnerships), Q42 (Recovery Act and Other Government Collaboration) and Q51 (Commitment of Capital Funding Support)**

**(a) Letters of Intent (LOI), MOU and Agreements** - please provide a complete list of signed LOI, MOUs, and/or master service agreements (MSAs) from Public/Private Partners, Community Anchor Institutions, preferred construction firms or vendors, and other MM/LM providers required to complete or support the proposed project. Please provide agreements with LM Providers or other organizations that will ensure the completion of lateral fiber



and/or wireless access from the MM backbone network to the targeted population and Community Anchor Institutions.

**(b)** Since Page County and the Page County Broadband Authority are local government agencies, Virginia public procurement laws will be followed whereby Page County intends to solicit Request for Proposals for fiber network design and installation. Qualified firms have already been identified, including experienced fiber construction personnel residing within the County.

The county's broadband business planning and conceptual network design has been performed by licensed professional engineers experienced with fiber network design. Icon Broadband Technologies is a division of Icon Engineering, Inc. headquartered in Woodstock, Georgia and currently under a professional services contract with the County. Icon and subcontractor Consulting Gateway Corporation have been providing consulting and engineering services to the County over the past three years and intend to provide a competitive proposal for professional network design and extension of the existing contract. Additionally, this team of consultants and two (2) P.E.s are committed to continuing to provide assistance to the County and Broadband Authority to ensure a successful network deployment.

The completion of lateral fiber from the MM backbone to the Community Anchor institutions is included in the budgeted capital expenditures of this application, ensuring network continuity at the completion of network construction. The MM fiber will connect to the towers providing immediate data backhaul for LM providers that will provide wireless services to the communities.

A Request for Interest (RFI) has been completed that solicited interest from incumbent providers and those serving in other areas of Virginia. All of the providers indicated reluctance to engage in rate negotiations or develop contracts until financing of the network is secured. The responses from incumbent providers were as follows:

**Embarq (now CenturyLink):** DSL availability limited to the central office serviceable area – no use of remote cabinets to extend service. Expressed interest in using middle mile infrastructure to extend DSL to additional areas, but no commitment due to 1) impending sale/merger with Century Tel and 2) financing secured and network in deployment. Century Tel will be included in the procurement process to seek contractual service partners.

**Rural Broadband Network Services (RBNS):** RBNS is the only wireless provider offering services anywhere in Page County. Services are available primarily throughout the Shenandoah town limits (as the operator of the Shenandoah Wireless Broadband Authority or SWBA) and in limited areas between Shenandoah and Luray. This operator's serving equipment is attached to towers located on the mountains east and west of the county, and service is limited to line of sight to those towers. The Rileyville area north of Luray is an area this provider would like to serve; there is no cable or DSL available, and strong demand for any service faster than dial-up. Due to line of sight issues, RBNS has been able to serve only a handful of customers to date (less than 10%). RBNS indicated their support for the middle mile infrastructure that would allow them to serve additional areas and provide access to competitively priced high bandwidth backhaul from the towers proposed.



**Virginia Broadband (VABB):** The following is taken directly from Virginia Broadband’s proposal for services in Page County: Virginia Broadband, LLC is pleased to respond to the questions posed in this RFI and are interested in working with Page County. We are in reasonably close proximity, we are experts at rural distribution of broadband services, and are experienced in working with terrain similar to that found in Page County. Please find an overview of Virginia Broadband’s business below and responses to the questions in your RFI.

We provide wireless and wired network connectivity services with customer packages ranging from \$49.50 to \$89.50. For high capacity customers needing dedicated services, we provide T1 grade (commercial) packages priced from \$300/month in 1 megabit increments. While our business model is primarily residential, we have a number of government agencies, schools, and businesses on our system. VABB also offers a business grade voice over IP solution called ‘PrimeVoice’. This product has been successfully deployed to a significant number of our top-tier customers and is our fastest growing product offering. We would anticipate offering all of these solutions in a potential Page County partnership.

**Premier Technical Services (PTS):** PTS is a Virginia corporation providing communication services and support to a diversified client base which includes Federal agencies, state and local governments, commercial enterprises, prime contractors, trade associations, nonprofits and the U.S. military. Headquartered in Luray, this company is keenly aware of the need for cost effective high bandwidth options for expanding services and attracting jobs to Page County. PTS will benefit from a fiber network in the County as a means to enhance the level of services they currently provide to their Page County customers, and improve efficiencies of these services. Additionally, PTS proposes to explore partnership options to provide high bandwidth services over fiber and to deploy broadband wireless services to reach customers where fiber access is not feasible.

**Shentel Communications:** Shenandoah Telecommunications Company provides regulated and non-regulated telecommunications services in the Northern Shenandoah Valley. Shentel owns towers within Page County and is currently providing paging services. They have indicated interest in working with the County to explore various options for broadband services and use of an open access fiber optic network. The network as planned includes fiber connectivity to two towers as requested by Shentel to enable the company to deploy mobile wireless services and access competitive options for backhaul. Please see the Shentel Letter of Support provided as a non-binding Letter of Intent and included in the ARRA application’s supporting documentation.

**DigitalBridge Communications:** DigitalBridge did not respond during the RFI process but later contacted the county indicating their support for offering competitive wireless services in Page County. As support of this interest, DigitalBridge applied for ARRA funding to serve Page County with last mile wireless services. This company has provided their interest in working with the Broadband Authority to locate on towers included in the middle mile fiber network.

Letters of Support were provided in the ARRA application documenting the intent of Page Memorial Hospital, Lord Fairfax Community College, Page County Public Schools, the Massanutten Regional Library System, Page County Fire and EMS, and the Page County Sheriff’s Office to access high bandwidth services as a community anchor on the Page County Broadband Authority fiber network.



Statements from incumbent providers Shentel and PTS document the intent to utilize the network to expand services. Additionally, neighboring Warren County has expressed their support for the project as enabling future services to expand from northern Page County into the southern end of Warren County. Please see the file **PageCo 1410 Nonbinding LOI and Support.pdf**.

## **6. Application Reference: Question 38 (Organizational Readiness)**

### **(a) Support Systems Details**

**(b) Location of Network Operations Centers (NOC)** - Page County Emergency Operations Center, County Complex, 120 South Court Street, Luray, VA 22835-1225 Phone: 504-843-0911

*Security Operations Centers (SOC):* Page County Emergency Operations Center, County Complex, 120 South Court Street, Luray, VA 22835-1225 Phone: 504-843-0911: The role of the technology design and concept of operations for a SOC is to provide situation awareness that enables precision response and supports forensics investigations. Precision response is both a security factor and a cost factor. Physical security strategy begins with a comprehensive risk and an investment model in four zones: technology, monitoring, communication and administration.

*Operations Support Center (OSS):* Upon successful proposal-Premier Technical Services located at 312 East Main Street, Luray, VA 22835-2030 and is building a new \$16.5 million Data Center with complete Disaster Recovery and Business Continuity (COOP) Solution between the Blue Ridge and Massanutten mountains in Page County about 70 miles from Washington Beltway. The Data Center will consist of three new buildings: corporate offices, data center, and a continuity of operations facility will be LEED-certified and built on land the County has owned and marketed. The facilities will also include a 4,500 square-foot conference center and a commercial kitchen.

*Business Support Systems (BSS) and Service Desk/Customer Relationship Management Systems:* Upon successful proposal-Premier Technical Services located at 312 East Main Street, Luray, VA 22835-2030 at the new Data Center.

*Planned Operations Support Systems:* Will outsource through the solicitation of a Request for Proposal. A Request for Interest was already solicited and responded received from a number of service providers, including Embarq Corporation, Rural Broadband Network Services LLC, Shentel, Virginia Broadband LLC, and Premier Technical Services already located in Luray, Page County. Additionally, DigitalBridge has expressed interest in providing services with Page County and has submitted a last mile funding request through the first round ARRA application. The Request for Proposals (RFP) for outsourcing the management and operation of the network scope of services will include the handling of billing, network operations and management, service provisioning, and maintenance and support, and customer care. It should be noted that the proposed network is a middle mile network and the County does not intend to serve retail customers, but rather limited strategic point to point facilities such as government buildings and facilities. Private providers will be utilizing the network for providing retail services through last mile networks.



Security steps will be taken for the network in accordance with industry standards such as fencing around tower sites, secured prefabricated buildings, warning tape and signs for buried cable, secured access to equipment rooms, and limited security cameras at strategic locations (with potential intrusion detection devices).

The Broadband Authority is in processing of completing the Governance Plan. Typical System Access and Control measures will be evaluated for applicability such as use of firewalls and “defense in depth” strategy (multiple layers of defense throughout the network), support of VPN Connectivity and data in transit using 128-bit or higher advanced encryption standard (AES), antivirus and spyware software, sniff scans for threats (vulnerability scans), warnings against phishing scams, identity theft protection, preventative clogging from spam, automatic backup, network intrusion software, centralized user management, historical record keeping log-ins (and attempted unsuccessful external log-ins), security access levels, granular authentication and authorization of users, “least privileges” concepts, network monitoring, performance of security audits-permission and analysis, and conformance to pertinent HIPAA requirements for all communications containing medical information.

## **7. Application Reference: Attachment E (Project Plan)**

### **(a) Project Plan Details**

**(b)** Attachment E provided and uploaded as a separate document **PageCo 1410 Attach E – Project Timeline.pdf**

## **8. Application Reference: Attachment G (Detailed Project Costs)**

### **(a) Detailed Project Costs**

**(b)** The detailed project cost tables (bill of materials) to support the previously submitted Attachment G have provided and uploaded as a separate document, file name **PageCo 1410 Attach G Project Cost Tables.pdf**

## **9. Application Reference: Attachment L, M and N (Pro Forma Financial Statements)**

### **(a) Pro Forma Financial Statements**

**(b)** Documentation of financial assumptions and attachments L, M and N provided and uploaded as separate documents. Additionally uploaded Attachment B (service offerings) as detailed in the Pro Forma guide.

- **PageCo 1410 Financial Assumptions Documentation.pdf**
- **PageCo 1410 Income Statement.pdf**
- **PageCo 1410 Balance Sheet.pdf**
- **PageCo 1410 Stmt of Cash Flows.pdf**
- **PageCo 1410 Attach B – Service Offerings.pdf**



**10. Application Reference: Question 47 (Historical Financial Statements)****(a) General Comment**

(b) Page County has provided audited financial statements for years 2007 and 2008. Due to the size of the documents this information has been provided in the following four (4) files:

- **PageCo 1410 Historical Financial 2007 A.pdf**
- **PageCo 1410 Historical Financial 2007 B.pdf**
- **PageCo 1410 Historical Financial 2008 A.pdf**
- **PageCo 1410 Historical Financial 2008 B.pdf**

**11. Application Reference: Question 52 (Matching Funds)****(a) Waiver, Commitment, Contributor/Sub Recipient Identified**

(b) Page County is committing the required local match of 20% for this project. The County Board of Supervisors has reaffirmed this support by a statement from the County Administrator submitted as upload document name **PageCo 1410 Matching Funds Commitment.pdf**. There are no sub recipients associated with this project.

**Additional requested documents not referenced elsewhere provided separately via upload:**

<b>Document</b>	<b>Uploaded File Name</b>
AOR Information	PageCo 1410 AOR Information.pdf
AOR Certification	PageCo 1410 AOR Certification.pdf
CD511 Lobbying	PageCo 1410 CD-511 Certification.pdf
CD512 Lobbying Lower Tier	PageCo 1410 CD-512 Cert LobbyingLowerTier.pdf
Certifications and Signatures	PageCo 1410 Certifications and Signatures
Federal Request & Match Verification	PageCo 1410 FederalRequestandMatchVerification.pdf
SF424C Construction Budget	PageCo 1410 SF 424C Budget Information.pdf
SFLLL Lobbying Disclosure	PageCo 1410 SFLLL Disclosure of Lobbying.pdf







NORTHERN SHENANDOAH VALLEY  
REGIONAL COMMISSION

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

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August 5, 2009

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Chairman

John R. Riley  
Vice Chairman

John E. Vance  
Treasurer

Charles R. Johnston  
Secretary

Executive Director  
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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.

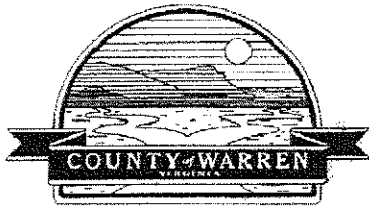
Again, thank you for the opportunity to support this important community and economic development infrastructure project. Please contact me at (540) 636-8800 if you have any questions or if you would like any additional information.

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

*Douglas P. Stanley*  
County Administrator

## BOARD OF SUPERVISORS

\*\*\*\*\*

August 11, 2009

Dear BTOP/BIP Reviewer,

**CHAIRMAN**  
Archie A. Fox  
Fork  
District

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.

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

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.

Tony F. Carter  
Happy Creek  
District

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.

Linda P. Glavis  
South River  
District

Sincerely,

Douglas P. Stanley  
County Administrator

Richard H. Traczyk  
Shenandoah  
District

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 cursive script 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

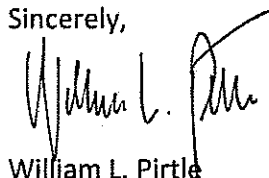
Dear Mr. Miller:

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.

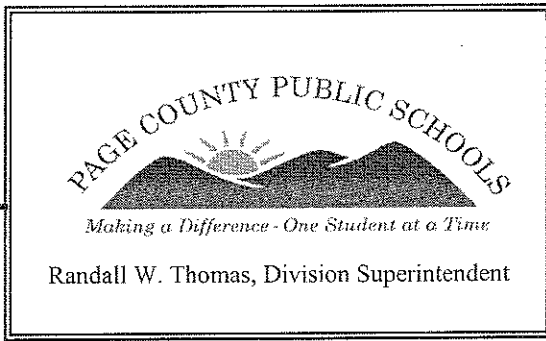
Sincerely,

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

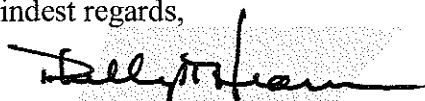
Dear Chairman Miller,

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", with a long, sweeping horizontal line extending to the right.

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

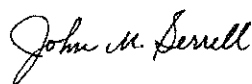
Mr. Bernie Miller, Chairman  
Page County Broadband Authority  
117 South Court Street  
Luray, VA 22835

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  
[jnserrell@yahoo.com](mailto:jnserrell@yahoo.com)

JNS/k

Project was Costed in Four sections (Luray, Luray through Stanley, Stanley thorough Shenandoah, and Luray to Rileyville)  
The Detailed unit costs were grouped into 7 categories to reach the grand project total)  
Each category is further borken down in the attached sheets to include units and quantities.

Project Totals		Totals			
Category Number	Subcategories	Luray	Luray-Stanley	Stanley-Shenandoah	Luray-Rileyville
1	Design and Construction Management	\$46,180	\$63,715	\$85,519	\$48,817
3	Outside Plant Labor exc. Make-ready	\$109,435	\$128,799	\$152,583	\$196,162
2	Make Ready and Permitting	\$54,470	\$93,660	\$130,943	\$21,344
4	Outside Plant Materials	\$67,253	\$84,038	\$122,361	\$176,335
5	Network Gear with OSS	\$68,000	\$0	\$42,000	\$20,000
6	Digital Gateways and Drops	\$79,025	\$14,400	\$24,480	\$1,440
7	RFP, Contract Admin & Quality Control	\$41,601	\$55,532	\$73,711	\$66,399
Total Project Costs		\$465,964	\$440,143	\$631,598	\$530,496
Grand Total First two Years		\$2,068,201			
Agrees with Totals in other Documents					

#### Relating Network Items to the Network Diagram

An additional Network Category Item has been added to each of the four costed sections to relate the individual item to the network element.

Item Number	Category
A	Tower and Network Access Rileyville
B	Fiber Luray to Rileyville
C	Fiber Shenandoah
D	Central Office Equipment Court Street
E	Network Access PTS or Embarq Facility
F	Fiber Luray
G	Fiber Luray to Stanley
H	Network Access Anchor Customers

Item Numbers A-H shown on corresponding Cost Sheets





Page County

Notes: Reduced nu

0	FT	24 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.24	\$0
0	FT	48 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.34	\$0
0	FT	96 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.59	\$0
42278	FT	96 Ct Armored cable	OFS or equal	\$1.08	\$45,660
15291	FT	Pole Hardware	Distributor	\$0.25	\$3,823
23143	FT	Underground Hardware	Distributor	\$4.00	\$92,573
0	EA	ATM Interhub Transport	Alcatel or equiv	\$34,200.00	\$0
1	EA	Racks, Miscellaneous equipment	Distributor	\$5,000.00	\$5,000
36	EA	Splice Closures (Distribution Network)	Corning or equiv	\$200.00	\$7,200
0	EA	Splice Closures (Transmission Network)	Tyco or equiv	\$450.00	\$0
0	EA	Freight on Materials	N/A	\$3,143.23	\$3,143

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Backbone Plus I-Net  
MATERIALS SUBTOTAL - CORE

\$160,305

\$585,413.81

Residences	566	566 elsewhere not changed	Percent Served	0
County	2			100%
Healthcare	0			100%
Higher Ed/Libraries	0			100%
Town of Shenandoah	0			100%
Major Employers	0			100%
Public Schools	1			100%
State/Federal	0			100%
Other Businesses	0			25%

Network Equipment

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
		<b>MATERIALS - CORE</b>			
0	EA	Central Office Gear-Servers, Switches, Patchpanels, Racks	Various	\$25,000.00	\$0
0	EA	Compact OLT/w PON	Enablence or Equal	\$17,000.00	\$0
0	EA	EMS	Enablence or Equal	\$6,000.00	\$0
1	EA	Startup Support	Various	\$20,000.00	\$20,000

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\$20,000

Premise Equipment and Drop

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
		<b>MATERIALS - CORE</b>			
1	EA	400 foot drop fiber	Corning or Equiv	\$40.00	\$40
1	EA	Customer Install	Contractor	\$1,000.00	\$1,000
1	EA	Customer Splicing	Contractor	\$50.00	\$50
1	EA	ONT (Optical Network Terminal)/w Power Supply & Batteries	Enablence or Equal	\$350.00	\$350

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\$1,440







Page County

Notes: Reduced nu

15410	FT	48 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.34	\$5,239
13162	FT	96 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.59	\$7,766
29155	FT	Pole Hardware	Distributor	\$0.25	\$7,289
3499	FT	Underground Hardware	Distributor	\$4.00	\$13,996
0	EA	ATM Interhub Transport	Alcatel or equiv	\$34,200.00	\$0
1	EA	Racks, Miscellaneous equipment	Distributor	\$5,000.00	\$5,000
70	EA	Splice Closures (Distribution Network)	Corning or equiv	\$200.00	\$14,000
0	EA	Splice Closures (Transmission Network)	Tyco or equiv	\$450.00	\$0
0	EA	Freight on Materials	N/A	\$1,198.80	\$1,199

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Backbone Plus I-Net  
MATERIALS SUBTOTAL - CORE

\$61,139

\$366,779.78

Residences	645	%served	0%
County	8		100%
Healthcare	4		100%
Higher Ed/Libraries	2		100%
Town of Luray	5		100%
Major Employers	7		100%
Public Schools	3		100%
State	1		100%
Other Businesses	153		25%

Network Equipment

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
MATERIALS - CORE					
1	EA	Central Office Gear-Servers, Switches, Patchpanels, Racks	Various	\$25,000.00	\$25,000
1	EA	Compact OLT/w PON	Enablence or Equal	\$17,000.00	\$17,000
1	EA	EMS	Enablence or Equal	\$6,000.00	\$6,000
1	EA	Startup Support	Various	\$20,000.00	\$20,000

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\$68,000

Premise Equipment and Drop

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
MATERIALS - CORE					
55	EA	400 foot drop fiber	Corning or Equiv	\$40.00	\$2,200
55	EA	Customer Install	Contractor	\$1,000.00	\$55,000
55	EA	Customer Splicing	Contractor	\$50.00	\$2,750
55	EA	ONT (Optical Network Terminal)/w Power Supply & Batteries	Enablence or Equal	\$350.00	\$19,075

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\$79,025



Notes: Reduced nu

## Luray through Stanley

Unit	Basic Assumptions:	No Customers	
9.6 MI	Aerial Fiber Luray through Stanley	0	
0.5 MI	Underground Fiber Luray through Stanley		0.1
10 MI	Total Fiber		
5.0%	%Underground		

## Fiber

Quantity	BOM	Description	Labor Unit Price	Labor Total Price	Notes	Category on Summary Cost Sheet	Network Item
53236	FT	Construction Management-	\$0.40	\$21,294.43		1	G
150	HR	Project Consulting	\$125.00	\$18,750.00		1	G
10	MI	Strand Mapping	\$500.00	\$4,786.99		1	G
10	MI	Make-Ready Engineering	\$700.00	\$6,701.79		2	G
20	HR	Permitting Engineering	\$100.00	\$2,000.00		1	G
10	MI	Fiber Design Engineering	\$1,100.00	\$11,090.85		1	G
43941	FT	Aerial Placement of Strand (Communications Zone)	\$0.35	\$15,379.35		3	G
50551	FT	Aerial Placement of Fiber (Communications Zone)	\$0.70	\$35,385.45		3	G
84	EA	Install Down Guys	\$15.00	\$1,260.00		3	G
84	EA	Install Anchors	\$30.00	\$2,527.53		3	G
0	FT	Plow Fiber - Direct Buried - 1st Fiber	\$2.60	\$0.00		3	G
0	FT	Trench Fiber - Direct Buried - 1st Fiber	\$3.70	\$0.00		3	G
0	FT	Missile Bore Fiber-Conduit	\$7.00	\$0.00		3	G
0	FT	Trench Fiber - Conduit	\$4.65	\$0.00		3	G
0	FT	Plow or Trench - Additional Fiber	\$0.90	\$0.00		3	G
2685	FT	Directional Bore - with 2" Innerduct (composite price)	\$15.00	\$40,281.60		3	G
0	FT	Pull Fiber through Conduit-included in composite	\$0.90	\$0.00		3	G
0	FT	Install Tracer Tape-included in composite	\$0.10	\$0.00		3	G
0	EA	Install Pull Box	\$350.00	\$0.00		3	G
0	EA	Fiber 8 Fiber-included in composite	\$0.10	\$0.00		3	G
0	EA	FTTH Distribution Centers	\$1,000.00	\$0.00		3	G
0	FT	Misc. UG (pull boxes, pedestals risers)-inc in comp.	\$3.00	\$0.00		3	G
230	HR	Make-Ready Construction Crews	\$250.00	\$57,443.91		2	G
46	EA	Splice Closure Preparation	\$200.00	\$9,200.00		3	G
384	EA	Fiber Splicing	\$25.00	\$9,600.00		3	G
0	EA	Midsheath Fiber Entry	\$5.00	\$0.00		3	G
0	EA	Re-enter Splice Closure	\$100.00	\$0.00		3	G
384	EA	OTDR Testing & Documentation	\$9.00	\$3,456.00		3	G
0	EA	Headend Installation - Wiring, Dishes, Electronics, Tower, Etc.	\$175,000.00	\$0.00		3	G
0	EA	Performance & Payment Bond @ 2.0%	\$0.00	\$0.00		1	
3	EA	Permits	\$7,000.00	\$21,000.00		2	G
	EA	Contingency	\$33,655.61	\$33,655.61			
	EA	RFPs, Contract Adminstration, Quality Control	\$55,531.76	\$55,531.76		7	
		Fiber Luray					
		LABOR SUBTOTAL - CORE		\$349,345.27			

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price		
		<b>MATERIALS - CORE</b>					
43941	FT	1/4" EHS Strand	Distributor	\$0.19	\$8,349	4	G
0	FT	12 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.18	\$0	4	G
0	FT	24 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.24	\$0	4	G



Page County

Notes: Reduced nu

0	FT	48 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.34	\$0
58560	FT	96 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.59	\$34,550
43941	FT	Pole Hardware	Distributor	\$0.25	\$10,985
2954	FT	Underground Hardware	Distributor	\$4.00	\$11,816
0	EA	ATM Interhub Transport	Alcatel or equiv	\$34,200.00	\$0
0	EA	Racks, Miscellaneous equipment	Distributor	\$5,000.00	\$0
46	EA	Splice Closures (Distribution Network)	Corning or equiv	\$200.00	\$9,200
0	EA	Splice Closures (Transmission Network)	Tyco or equiv	\$450.00	\$0
0	EA	Freight on Materials	N/A	\$1,498.00	\$1,498

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Backbone Plus I-Net  
MATERIALS SUBTOTAL - CORE

\$76,398

\$489,604.98

Residences	149	% served	0%
County	4		100%
Healthcare	0		100%
Higher Ed/Libraries	1		100%
Town of Stanley	4		100%
Major Employers	2		100%
Public Schools	2		100%
State & Federal	1		100%
Other Businesses	11		25%

Network Equipment

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
		<b>MATERIALS - CORE</b>			
0	EA	Central Office Gear-Servers, Switches, Patchpanels, Racks	Various	\$25,000.00	\$0
0	EA	Compact OLT/w PON	Enablence or Equal	\$17,000.00	\$0
0	EA	EMS	Enablence or Equal	\$6,000.00	\$0
0	EA	Startup Support	Various	\$20,000.00	\$0

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\$0

Premise Equipment and Drop

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
		<b>MATERIALS - CORE</b>			
10	EA	400 foot drop fiber	Corning or Equiv	\$40.00	\$400
10	EA	Customer Install	Contractor	\$1,000.00	\$10,000
10	EA	Customer Splicing	Contractor	\$50.00	\$500
10	EA	ONT (Optical Network Terminal)/w Power Supply & Batteries	Enablence or Equal	\$350.00	\$3,500

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\$14,400



Notes: Reduced nu

## Stanley Through Shenandoah

	Unit	Basic Assumptions:
15.7	MI	Aerial Fiber Shenandoah
0.0	MI	Underground Fiber Shenandoah
16	MI	Total Fiber
0.0%		%Underground

0.1

## Fiber

Quantity	BOM	Description	Labor Unit Price	Labor Total Price	Notes
82777	FT	Construction Management-	\$0.40	\$33,110.85	
150	HR	Project Consulting	\$125.00	\$18,750.00	
16	MI	Strand Mapping	\$500.00	\$7,838.74	
16	MI	Make-Ready Engineering	\$700.00	\$10,974.24	
8	HR	Permitting Engineering	\$100.00	\$800.00	
16	MI	Fiber Design Engineering	\$1,100.00	\$17,245.23	
82777	FT	Aerial Placement of Strand (Communications Zone)	\$0.35	\$28,971.99	
91055	FT	Aerial Placement of Fiber (Communications Zone)	\$0.70	\$63,738.38	
151	EA	Install Down Guys	\$15.00	\$2,265.00	
152	EA	Install Anchors	\$30.00	\$4,552.74	
0	FT	Plow Fiber - Direct Buried - 1st Fiber	\$2.60	\$0.00	
0	FT	Trench Fiber - Direct Buried - 1st Fiber	\$3.70	\$0.00	
0	FT	Missile Bore Fiber-Conduit	\$7.00	\$0.00	
0	FT	Trench Fiber - Conduit	\$4.65	\$0.00	
0	FT	Plow or Trench - Additional Fiber	\$0.90	\$0.00	
0	FT	Directional Bore - with 2" Innerduct (composite price)	\$15.00	\$0.00	
0	FT	Pull Fiber through Conduit-included in composite	\$0.90	\$0.00	
0	FT	Install Tracer Tape-included in composite	\$0.10	\$0.00	
0	EA	Install Pull Box	\$350.00	\$0.00	
0	EA	Fiber 8 Fiber-included in composite	\$0.10	\$0.00	
0	EA	FTTH Distribution Centers	\$1,000.00	\$0.00	
0	FT	Misc. UG (pull boxes, pedestals risers)-inc in comp.	\$3.00	\$0.00	
376	HR	Make-Ready Construction Crews	\$250.00	\$94,064.91	
81	EA	Splice Closure Preparation	\$200.00	\$16,200.00	
676	EA	Fiber Splicing	\$25.00	\$16,900.00	
0	EA	Midsheath Fiber Entry	\$5.00	\$0.00	
0	EA	Re-enter Splice Closure	\$100.00	\$0.00	
676	EA	OTDR Testing & Documentation	\$9.00	\$6,084.00	
0	EA	Headend Installation - Wiring, Dishes, Electronics, Tower, Etc.	\$175,000.00	\$0.00	
0	EA	Performance & Payment Bond @ 2.0%	\$0.00	\$0.00	
2	EA	Permits	\$7,000.00	\$14,000.00	
	EA	Contingency	\$44,673.38	\$44,673.38	
	EA	RFP, Contract Admin & Quality Control	\$73,711.08	\$73,711.08	
		<b>Fiber Luray</b>			
		<b>LABOR SUBTOTAL - CORE</b>		<b>\$453,880.54</b>	

Category on Summary Cost Sheet	Network Item
1	C
1	C
1	C
2	C
1	C
1	C
3	C
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3	C
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1	C
2	C
7	

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
		<b>MATERIALS - CORE</b>			
82777	FT	1/4" EHS Strand	Distributor	\$0.19	\$15,728
4630	FT	12 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.18	\$833
0	FT	24 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.24	\$0

4	C
4	C
4	C



Page County

Notes: Reduced nu

0	FT	48 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.34	\$0
85765	FT	96 Fiber Loose Tube All Dielectric Aerial Fiber	OFS or equal	\$0.59	\$50,601
82777	FT	Pole Hardware	Distributor	\$0.25	\$20,694
0	FT	Underground Hardware	Distributor	\$4.00	\$0
0	EA	ATM Interhub Transport	Alcatel or equiv	\$34,200.00	\$0
1	EA	Racks, Miscellaneous equipment	Distributor	\$5,000.00	\$5,000
81	EA	Splice Closures (Distribution Network)	Corning or equiv	\$200.00	\$16,200
0	EA	Splice Closures (Transmission Network)	Tyco or equiv	\$450.00	\$0
0	EA	Freight on Materials	N/A	\$2,181.13	\$2,181

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Backbone Plus I-Net  
MATERIALS SUBTOTAL - CORE

\$111,238

\$649,885.98

Residences	566	Percent Served	0
County	3		100%
Healthcare	1		100%
Higher Ed/Libraries	0		100%
Town of Shenandoah	6		100%
Major Employers	3		100%
Public Schools	4		100%
State/Federal	1		100%
Other Businesses	32		25%

Network Equipment

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
MATERIALS - CORE					
1	EA	Central Office Gear-Servers, Switches, Patchpanels, Racks	Various	\$25,000.00	\$25,000
1	EA	Compact OLT/w PON	Enablence or Equal	\$17,000.00	\$17,000
0	EA	EMS	Enablence or Equal	\$6,000.00	\$0
0	EA	Startup Support	Various	\$20,000.00	\$0

5 E  
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\$42,000

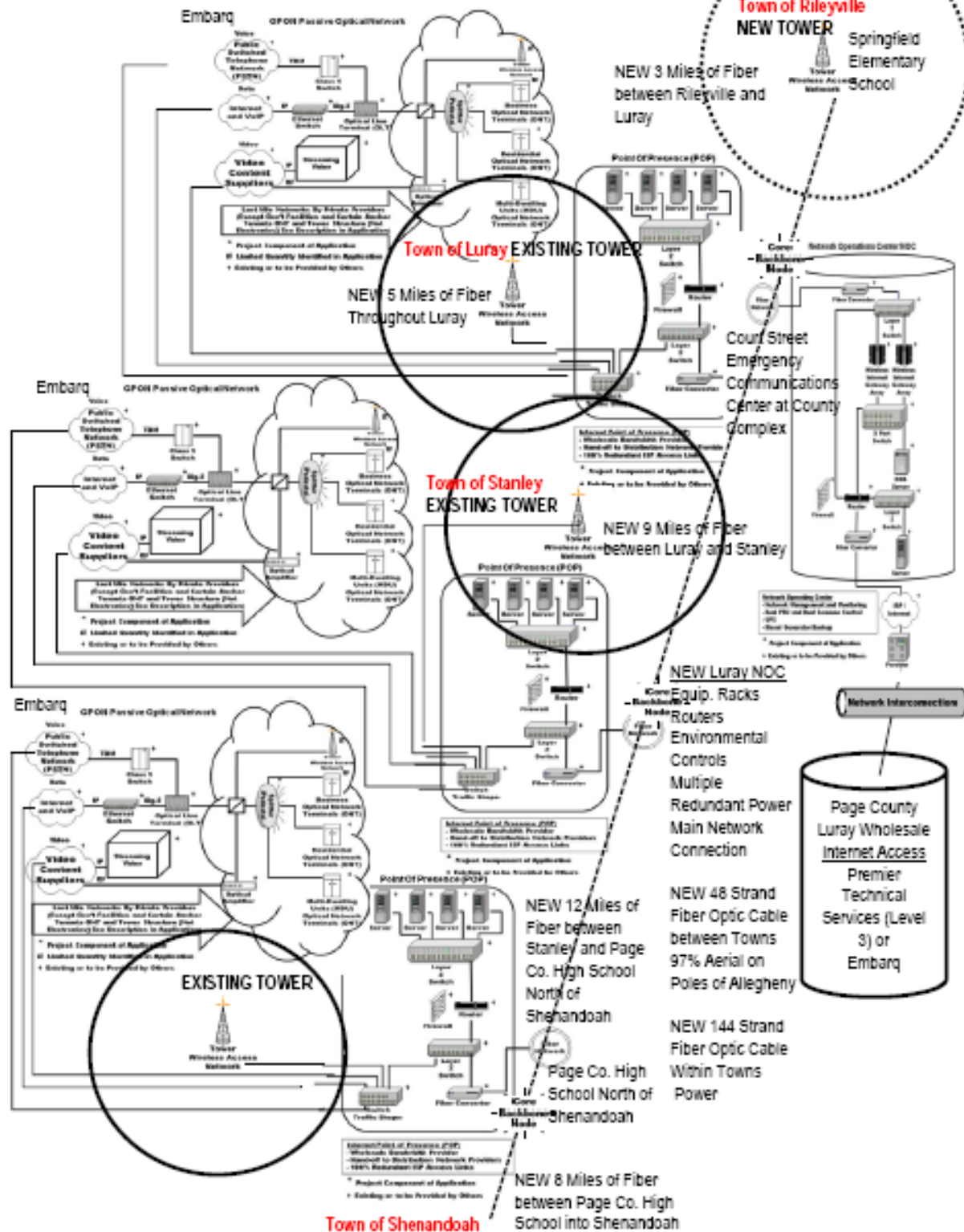
Premise Equipment and Drop

Quantity	BOM	Description	Supplier	Materials Unit Price	Materials Extended Price
MATERIALS - CORE					
17	EA	400 foot drop fiber	Corning or Equiv	\$40.00	\$680
17	EA	Customer Install	Contractor	\$1,000.00	\$17,000
17	EA	Customer Splicing	Contractor	\$50.00	\$850
17	EA	ONT (Optical Network Terminal)/w Power Supply & Batteries	Enablence or Equal	\$350.00	\$5,950

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\$24,480

# Page County, VA Telecommunications Broadband Middle Mile Network





Page County Broadband Authority  
Easy Grants ID 1410

Income Statement

	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Revenues</b>					
Network Services Revenues:					
Local Voice Service	\$ -	\$ -	\$ -	\$ -	\$ -
Broadband Data	\$0	\$3,445	\$36,562	\$37,476	\$38,413
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -
Network Access Service Revenues	\$0	\$6,772	\$67,707	\$68,842	\$70,005
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -
Toll Service/Long Distance Voice	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Revenues	\$0	\$13,238	\$13,238	\$13,238	\$13,238
Grant Revenue (80% of Project)	\$1,654,561	\$0			
Tax Revenue					
Other Revenues 1 (Page Co 20% Match)	\$413,640	\$0	\$ -	\$ -	\$ -
Other Revenues 2 (see attached sheet)	\$0	\$3,719	\$979	\$1,031	\$1,541
Uncollectible Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues</b>	\$ 2,068,201	\$ 27,174	\$ 118,486	\$ 120,587	\$ 123,197
<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 1 (See Attached)	\$28,211	\$28,211	\$28,211	\$28,211	\$28,211
Other Operating Expense 2 (Please Define)	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ 41,113	\$ 75,055	\$ 76,520	\$ 77,407	\$ 78,316
<b>EBITDA</b>	\$ 2,027,088	\$ (47,881)	\$ 41,966	\$ 43,179	\$ 44,880
Depreciation	\$ (15,880)	\$ (79,749)	\$ (128,289)	\$ (69,528)	\$ (70,187)
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Earnings Before Interest and Taxes</b>	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - New Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Existing Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Other	\$2,625	\$5,400	\$4,500	\$3,600	\$2,700
<b>Income Before Taxes</b>	\$ 2,008,583	\$ (133,030)	\$ (90,823)	\$ (29,948)	\$ (28,007)
Property Tax	\$ -	\$ -	\$ -	\$ -	\$ -
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -

Net Income	\$	2,008,583	\$	(133,030)	\$	(90,823)	\$	(29,948)	\$	(28,007)
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Balance Sheet

Assets	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Current Assets</b>					
Cash	\$ 106,262	\$ 27,981	\$ 29,459	\$ 44,038	\$ 61,218
Marketable Securities	\$ -	\$ -	\$ -	\$ -	\$ -
Accounts Receivable	\$ 1,552,907	\$ -	\$ -	\$ -	\$ -
Notes Receivable	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory	\$ -	\$ -	\$ -	\$ -	\$ -
Prepayments	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Assets	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Current Assets</b>	\$ 1,659,169	\$ 27,981	\$ 29,459	\$ 44,038	\$ 61,218
<b>Non-Current Assets</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	\$ (15,880)	\$ (95,629)	\$ (223,918)	\$ (293,445)	\$ (363,632)
<b>Net Plant</b>	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Non-Current Assets</b>	\$ 499,414	\$ 1,972,572	\$ 1,855,271	\$ 1,785,744	\$ 1,715,557
<b>Total Assets</b>	\$ 2,158,583	\$ 2,000,553	\$ 1,884,730	\$ 1,829,782	\$ 1,776,775
<b>Liabilities and Owners' Equity</b>					
<b>Liabilities</b>					
<b>Current Liabilities</b>					
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -
Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -
Current Portion - Total Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Current Portion - Other Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Current Liabilities</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Long-Term Liabilities</b>					
Deferred Revenue	\$ 1,552,907	\$ -	\$ -	\$ -	\$ -
Existing Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Proposed Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Debt	\$ 150,000	\$ 125,000	\$ 100,000	\$ 75,000	\$ 50,000
<b>Total Long-Term Liabilities</b>	\$ 1,702,907	\$ 125,000	\$ 100,000	\$ 75,000	\$ 50,000
<b>Total Liabilities</b>	\$ 1,702,907	\$ 125,000	\$ 100,000	\$ 75,000	\$ 50,000
<b>Owner's Equity</b>					
Capital Stock	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Paid-In Capital	\$ -	\$ -	\$ -	\$ -	\$ -
Patronage Capital Credits	\$ -	\$ -	\$ -	\$ -	\$ -
Retained Earnings	\$ 455,676	\$ 1,875,553	\$ 1,784,730	\$ 1,754,782	\$ 1,726,776
<b>Total Equity</b>	\$ 455,676	\$ 1,875,553	\$ 1,784,730	\$ 1,754,782	\$ 1,726,776
<b>Total Liabilities and Owner's Equity</b>	\$ 2,158,583	\$ 2,000,553	\$ 1,884,730	\$ 1,829,782	\$ 1,776,776

## Statement of Cash Flows

	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Beginning Cash</b>	\$ -	\$ 106,262	\$ 27,981	\$ 29,459	\$ 44,038
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>					
Net Income	2,008,583	(133,030)	(90,823)	(29,948)	(28,007)
Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities	-	-	-	-	-
Add: Depreciation	15,880	79,749	128,289	69,528	70,187
Add: Amortization	-	-	-	-	-
Changes in Current Assets and Liabilities:					
Marketable Securities	-	-	-	-	-
Accounts Receivable	-	-	-	-	-
Inventory	-	-	-	-	-
Prepayments	-	-	-	-	-
Other Current Assets	-	-	-	-	-
Accounts Payable	-	-	-	-	-
Other Current Liabilities	-	-	-	-	-
Deferred Grant Revenue	(\$1,242,326)	\$1,242,326	-	-	-
Deferred Matching contribution	(\$310,581)	\$310,581	-	-	-
	\$ 471,556	\$ 1,499,627	\$ 37,466	\$ 39,579	\$ 42,180
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>					
Capital Expenditures (Eligible Project Costs)	515,294	1,552,907	10,988	-	-
Capital Expenditures (other)	-	-	-	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-
Long-Term Investments	-	-	-	-	-
<b>Net Cash Used by Investing Activities</b>	\$ 515,294	\$ 1,552,907	\$ 10,988	\$ -	\$ -
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>					
Notes Receivable	-	-	-	-	-
Notes Payable	-	-	-	-	-
Principal Payments	-	(\$25,000)	(\$25,000)	(\$25,000)	(\$25,000)
Grant Award	\$1,654,561	-	-	-	-
Matching Contribution	\$413,640	-	-	-	-
New Borrowing	\$150,000	-	-	-	-
Additional Paid-in Capital	-	-	-	-	-
Additions to Patronage Capital Credits	-	-	-	-	-
Payment of Dividends	-	-	-	-	-
<b>Net Cash Provided by Financing Activities</b>	\$ 2,218,201	\$ (25,000)	\$ (25,000)	\$ (25,000)	\$ (25,000)
<b>Net Increase (Decrease) in Cash</b>	\$ 106,262	\$ (78,281)	\$ 1,478	\$ 14,579	\$ 17,180
<b>Ending Cash</b>	\$ 106,262	\$ 27,981	\$ 29,459	\$ 44,038	\$ 61,219

**PAGE COUNTY BROADBAND AUTHORITY  
EASY GRANTS ID 1410**

**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	-	Receive Project Funding <ul style="list-style-type: none"> <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>

**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

	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>

**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

## ATTACHMENT E (CONTINUED) – BUILD-OUT TIMELINE

Complete the following schedule for each proposed funded service area ( or, if a middle mile project, for each last mile service area) to indicate the planned build-out in terms of: 1) the requested infrastructure funds; and 2) the entities passed. Entities passed include households, businesses, and "strategic institutions" comprised of critical community facilities, community anchor institutions, and public safety entities. In addition, please complete a separate schedule that aggregates all projected broadband subscribers within the proposed funded service area (or if a middle mile project, for each last mile service area). For BIP only, please include this information for the non-funded service areas as well.

[illegible]



**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

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.

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

Name of Applicant Organization Page County Broadband Authority  
DUNS Number 83-144-8494  
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 Bernard P. Miller Date December 14, 2009  
Print name of authorized person BERNARD P. MILLER  
Title or position CHAIRMAN



## COUNTY OF PAGE

117 South Court Street  
Luray, Virginia 22835  
(540) 743-4142  
Fax: (540) 743-4533

Board of Supervisors:

Tommy R. LaFrance - Chairman-At-Large  
Charles M. Hoke - District 1  
Larry A. Sours - District 2  
J. D. Cave - District 3  
Gerald M. Cabbage - District 4  
Carol Lee Fischer-Strickler - District 5

County Administrator:

Mark Belton

December 16, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U. S. Department of Commerce  
HCHB Room 1874  
1401 Constitution Avenue, NW  
Washington, DC 20230

Gentlemen:

At the December 15, 2009 meeting of the Page County Board of Supervisors, they affirmed their intention to provide a twenty percent match in support of the Page County Middle Mile Project.

Sincerely,

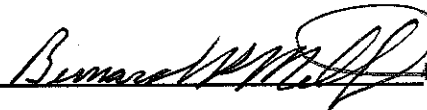
*Thomas M. Cardman*  
(CM)

Dr. Thomas M. Cardman  
County Administrator

### Certifications and Signature

- (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 sub-grantees 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 de-obligation 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) 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 Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("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), the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award. (iv) If requesting BTOP funding, I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement or received a waiver.

Signature of authorized person



Date

December 14, 2009

Print name of authorized person

BERNARD P. MILLER

Title or position

CHAIRMAN

# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

(See reverse for public burden disclosure.)

Approved by OMB

0348-0046

<b>1. Type of Federal Action:</b> <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance		<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award		<b>3. Report Type:</b> <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____	
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: <i>Page County does no lobbying and does not employ lobbyists.</i> Congressional District, if known:			<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>  Congressional District, if known:		
<b>6. Federal Department/Agency:</b>			<b>7. Federal Program Name/Description:</b>  CFDA Number, if applicable: _____		
<b>8. Federal Action Number, if known:</b>			<b>9. Award Amount, if known:</b> \$		
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI):			<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI):		
<b>11.</b> 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.			Signature: <u><i>Bernard P. Hiller</i></u> Print Name: <u>BERNARD P. HILLER</u> Title: <u>CHAIRMAN</u> Telephone No.: <u>540-743-4142</u> Date: <u>Dec 14, 2009</u>		
<b>Federal Use Only:</b>					Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

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.

December 14, 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:

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

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

DATE

December 14, 2009

## 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.

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

### 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.

NAME OF APPLICANT

Page County Broadband Authority

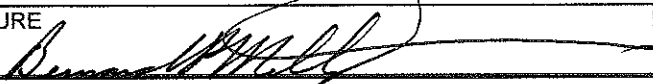
AWARD NUMBER AND/OR PROJECT NAME

Page BBA Broadband Project

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

BERNIE MILLER CHAIRMAN

SIGNATURE



DATE

December 14, 2009



**BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM**  
**AOR Information**

**Name of Applicant Organization**

PAGE COUNTY BROADBAND AUTHORITY

**DUNS Number**

83-144-5494

**EasyGrants# of Submitted Application**

1410

**Name of AOR**

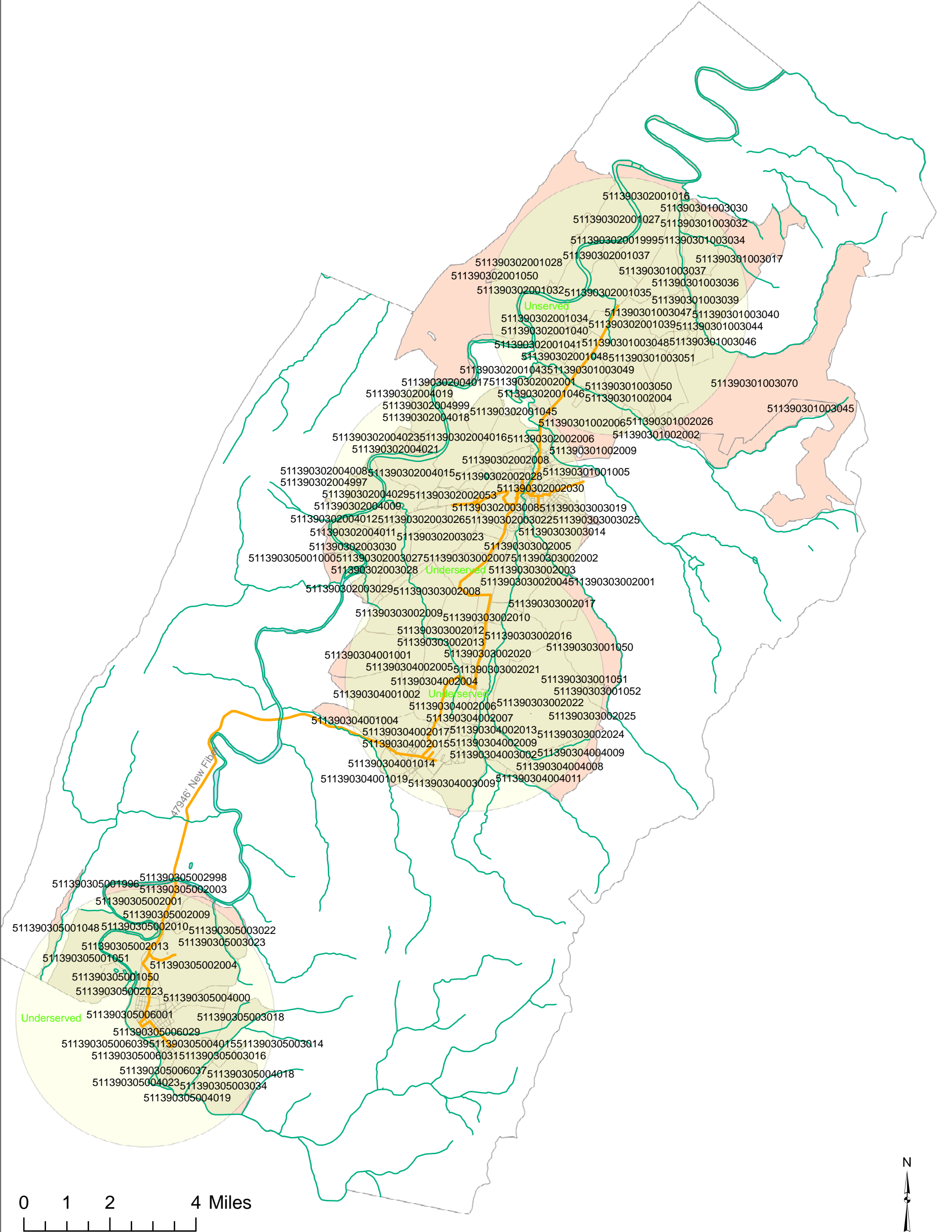
Page County Broadband Authority

**Email Address for AOR**

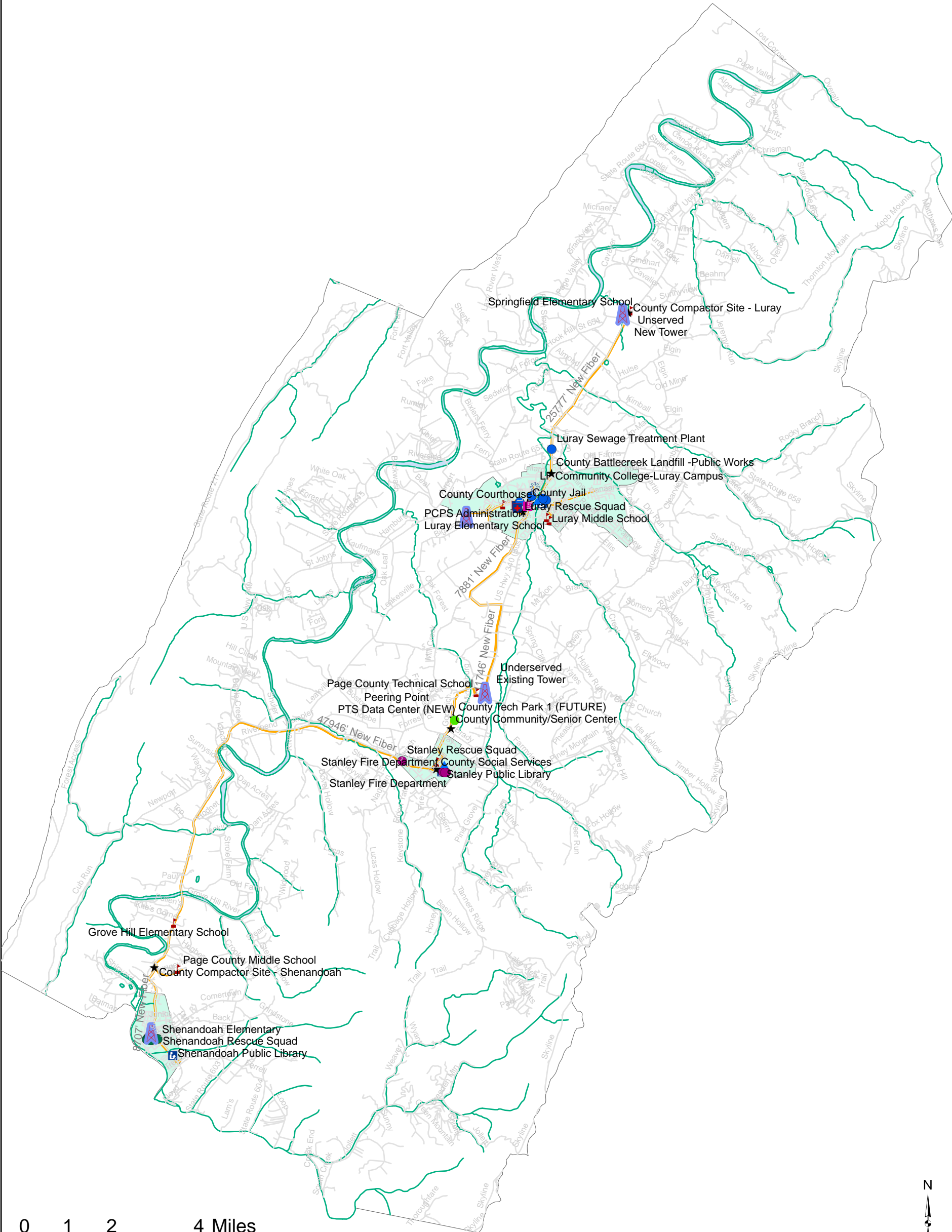
tcadman@pagecounty.virginia.gov


**Phone Number for AOR**


540-743-4142





<div><div></div> CensusBlocksinWirelessCoverage</div> <div><div></div> PageCountyWirelessCoverage</div>	<div>ARRA Requested Information</div> <div>Page County, Virginia</div> <div>Supplemental 2, Section D</div> <div>(Questions 12 and 13)</div>	<div>Prepared by:</div> <div>ICON BROADBAND TECHNOLOGIES</div> <div>A Division of Icon Engineering, Inc.</div> <div>6745 Bells Ferry Road</div> <div>Woodstock, Georgia 30189</div> <div>PageCountyARRA_Ques2SectopmD_20091217.mxd</div>
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 Towers


 Central Office


 Local Exchange Carriers


 Peering Point


 Fiber Network


**Anchor Tenants**


 County


 Healthcare


 Higher Ed

 Library

 Luray Town

 Public School

 Shenandoah Town

 Stanley Town

**ARRA Requested Information**  
**Page County, Virginia**  
**Page County Distribution Fiber**

Prepared by:  
ICON BROADBAND TECHNOLOGIES  
A Division of Icon Engineering, Inc.  
6745 Bells Ferry Road  
Woodstock, Georgia 30189

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## **REQUIRED SUPPLEMENTARY INFORMATION**

## General Fund

## Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual

For the Year Ended June 30, 2008

	Budgeted Amounts			Variance with Final Budget - Positive (Negative)
	Original	Final	Actual Amounts	
REVENUES				
General property taxes	\$ 17,651,554	\$ 17,651,554	\$ 16,761,743	\$ (889,811)
Other local taxes	3,052,824	3,094,824	3,323,138	228,314
Permits, privilege fees, and regulatory licenses	667,066	667,066	312,018	(355,048)
Fines and forfeitures	50,253	54,463	86,630	32,167
Revenue from the use of money and property	285,000	285,000	455,092	170,092
Charges for services	2,222,691	2,222,773	868,034	(1,354,739)
Miscellaneous	39,650	64,700	192,889	128,189
Intergovernmental revenues:				
Commonwealth	5,044,479	5,180,467	5,126,069	(54,398)
Federal	505,524	513,523	221,162	(292,361)
Total revenues	<u>\$ 29,519,041</u>	<u>\$ 29,734,370</u>	<u>\$ 27,346,775</u>	<u>\$ (2,387,595)</u>
EXPENDITURES				
Current:				
General government administration	\$ 2,563,896	\$ 2,524,096	\$ 2,261,845	\$ 262,251
Judicial administration	1,079,357	1,173,449	1,117,154	56,295
Public safety	6,293,523	6,479,236	5,798,680	680,556
Public works	2,611,106	2,365,796	2,225,291	140,505
Health and welfare	454,187	454,187	667,042	(212,855)
Education	11,797,494	11,797,494	8,122,305	3,675,189
Parks, recreation, and cultural	319,165	319,165	316,074	3,091
Community development	1,167,984	1,299,534	1,168,975	130,559
Nondepartmental	225,500	123,735	121,073	2,662
Debt service:				
Principal retirement	1,761,189	1,761,189	1,108,859	652,330
Interest and other fiscal charges	2,473,509	2,473,509	3,035,095	(561,586)
Total expenditures	<u>\$ 30,746,910</u>	<u>\$ 30,771,390</u>	<u>\$ 25,942,393</u>	<u>\$ 4,828,997</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ (550,755)</u>	<u>\$ (1,037,020)</u>	<u>\$ 1,404,382</u>	<u>\$ 2,441,402</u>
OTHER FINANCING SOURCES (USES)				
Transfers out	\$ 550,755	\$ 1,037,020	\$ (1,558,752)	\$ (2,595,772)
Total other financing sources and uses	<u>\$ 550,755</u>	<u>\$ 1,037,020</u>	<u>\$ (1,558,752)</u>	<u>\$ (2,595,772)</u>
Net change in fund balances	\$ -	\$ -	\$ (154,370)	\$ (154,370)
Fund balances - beginning	-	-	8,617,681	8,617,681
Fund balances - ending	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 8,463,311</u>	<u>\$ 8,463,311</u>

COUNTY OF PAGE, VIRGINIA  
Schedule of Pension Funding Progress  
As of June 30, 2008

Exhibit 9

PRIMARY GOVERNMENT:

County Retirement Plan

Actuarial Valuation Date	Actuarial Value of Assets (AVA) (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded (Excess Funded) Actuarial Accrued Liability (UAAL) (b-a)	Funded Ratio (a/b)	Annual Covered Payroll (c)	UAAL as % of Covered Payroll ( (b-a)/c )
06/30/07 \$	15,517,007	18,054,154	2,537,147	85.95% \$	5,918,176	42.87%
06/30/06	13,688,634	14,816,000	1,127,366	92.39%	5,460,474	20.65%
06/30/05	12,985,262	14,916,154	1,930,892	87.06%	4,550,723	42.43%
06/30/04	12,721,115	12,951,165	230,050	98.22%	4,091,439	5.62%
06/30/03	12,449,004	9,765,394	(2,683,610)	127.48%	4,094,929	-65.53%

DISCRETELY PRESENTED COMPONENT UNIT:

School Board Non-Professional Retirement Plan

Actuarial Valuation Date	Actuarial Value of Assets (AVA) (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded (Excess Funded) Actuarial Accrued Liability (UAAL) (b-a)	Funded Ratio (a/b)	Annual Covered Payroll (c)	UAAL as % of Covered Payroll ( (b-a)/c )
06/30/07 \$	4,693,491 \$	5,744,972 \$	1,051,481	81.70% \$	1,670,109	62.96%
06/30/06	4,160,983	4,952,267	791,284	84.02%	1,539,032	51.41%
06/30/05	3,922,698	4,890,283	967,585	80.21%	1,379,572	70.14%
06/30/04	3,818,996	4,442,221	623,225	85.97%	1,234,037	50.50%
06/30/03	3,827,111	3,936,042	108,931	97.23%	1,129,776	9.64%

## OTHER SUPPLEMENTARY INFORMATION



## Capital Projects Fund

Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
For the Year Ended June 30, 2008

	Budgeted Amounts			Variance with Final Budget - Positive (Negative)
	Original	Final	Actual Amounts	
<b>REVENUES</b>				
Revenue from the use of money and property	\$ -	\$ -	\$ 1,759,357	\$ 1,759,357
Intergovernmental revenues:				
Commonwealth	-	-	2,655,955	2,655,955
Total revenues	\$ -	\$ -	\$ 4,415,312	\$ 4,415,312
<b>EXPENDITURES</b>				
Capital projects	\$ 38,627,093	\$ 39,849,320	\$ 32,644,236	\$ 7,205,084
Total expenditures	\$ 38,627,093	\$ 39,849,320	\$ 32,644,236	\$ 7,205,084
Excess (deficiency) of revenues over (under) expenditures	\$ (38,627,093)	\$ (39,849,320)	\$ (28,228,924)	\$ 11,620,396
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers in	\$ -	\$ 1,222,227	\$ 74,268	\$ (1,147,959)
Issuance of revenue bonds	1,250,000	1,250,000	172,260	(1,077,740)
Issuance of general obligation bonds	-	-	13,790,000	13,790,000
Bond premiums	-	-	210,714	210,714
Total other financing sources and uses	\$ 1,250,000	\$ 2,472,227	\$ 14,247,242	\$ 11,775,015
Net change in fund balances	\$ (37,377,093)	\$ (37,377,093)	\$ (13,981,682)	\$ 23,395,411
Fund balances - beginning	37,377,093	37,377,093	46,591,361	9,214,268
Fund balances - ending	\$ -	\$ -	\$ 32,609,679	\$ 32,609,679

Combining Balance Sheet  
Nonmajor Special Revenue Funds  
June 30, 2008

	Virginia Public Assistance Fund	Comprehensive Services Act Fund	E-911 Fund	Parks and Recreation Fund	Total
<b>ASSETS</b>					
Cash and cash equivalents	\$ -	\$ 73,458	\$ (402)	\$ 42,741	\$ 115,797
Receivables (net of allowance for uncollectibles):					
Accounts receivable	-	-	103,644	-	103,644
Due from other governmental units	149,648	220,638	-	-	370,286
Total assets	\$ 149,648	\$ 294,096	\$ 103,242	\$ 42,741	\$ 589,727
<b>LIABILITIES AND FUND BALANCES</b>					
Liabilities:					
Accounts payable	\$ -	\$ 161,442	\$ 39,843	\$ 1,058	\$ 202,343
Accrued liabilities	-	1,191	10,674	-	11,865
Due to other funds	149,648	131,463	-	-	281,111
Total liabilities	\$ 149,648	\$ 294,096	\$ 50,517	\$ 1,058	\$ 495,319
Fund balances:					
Unreserved:					
Designated for subsequent expenditure	\$ -	\$ -	\$ 52,725	\$ 41,683	\$ 94,408
Total fund balances	\$ -	\$ -	\$ 52,725	\$ 41,683	\$ 94,408
Total liabilities and fund balances	\$ 149,648	\$ 294,096	\$ 103,242	\$ 42,741	\$ 589,727

County of Page, Virginia

# Combining Statement of Revenues, Expenditures, and Changes in Fund Balances Nonmajor Special Revenue Funds For the Year Ended June 30, 2008

	Virginia Public Assistance Fund	Comprehensive Services Act Fund	E-911 Fund	Parks and Recreation Fund	Total
<b>REVENUES</b>					
Charges for services	\$ 4,002	\$ 1,625	\$ -	\$ 43,420	\$ 49,047
Intergovernmental revenues:					
Commonwealth	584,417	1,698,832	249,305	-	2,532,554
Federal	1,116,034	-	-	-	1,116,034
Total revenues	\$ 1,704,453	\$ 1,700,457	\$ 249,305	\$ 43,420	\$ 3,697,635
<b>EXPENDITURES</b>					
Current:					
Public safety	\$ -	\$ -	\$ 649,894	\$ -	\$ 649,894
Health and welfare	2,079,105	2,375,824	-	43,386	4,454,929
Parks, recreation, and cultural	-	-	-	-	43,386
Total expenditures	\$ 2,079,105	\$ 2,375,824	\$ 649,894	\$ 43,386	\$ 5,148,209
Excess (deficiency) of revenues over (under) expenditures	\$ (374,652)	\$ (675,367)	\$ (400,589)	\$ 34	\$ (1,450,574)
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers in	\$ 374,652	\$ 675,367	\$ 434,465	\$ -	\$ 1,484,484
Total other financing sources and uses	\$ 374,652	\$ 675,367	\$ 434,465	\$ -	\$ 1,484,484
Net change in fund balances	\$ -	\$ -	\$ 33,876	\$ 34	\$ 33,910
Fund balances - beginning	-	-	18,849	41,649	60,498
Fund balances - ending	\$ -	\$ -	\$ 52,725	\$ 41,683	\$ 94,408

County of Page, Virginia

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Nonmajor Special Revenue Funds  
For the Year Ended June 30, 2008

	VPA Fund			Variance with Final Budget Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
<b>REVENUES</b>				
Charges for services	\$ -	\$ -	\$ 4,002	\$ 4,002
Intergovernmental revenues:				
Commonwealth	-	-	584,417	584,417
Federal	1,953,876	1,953,876	1,116,034	(837,842)
Total revenues	<u>\$ 1,953,876</u>	<u>\$ 1,953,876</u>	<u>\$ 1,704,453</u>	<u>\$ (249,423)</u>
<b>EXPENDITURES</b>				
Current:				
Health and welfare	\$ 2,342,082	\$ 2,342,082	\$ 2,079,105	\$ 262,977
Total expenditures	<u>\$ 2,342,082</u>	<u>\$ 2,342,082</u>	<u>\$ 2,079,105</u>	<u>\$ 262,977</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ (388,206)</u>	<u>\$ (388,206)</u>	<u>\$ (374,652)</u>	<u>\$ 13,554</u>
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers in	\$ 353,622	\$ 353,622	\$ 374,652	\$ 21,030
Total other financing sources and uses	<u>\$ 353,622</u>	<u>\$ 353,622</u>	<u>\$ 374,652</u>	<u>\$ 21,030</u>
Net change in fund balances	\$ -	\$ -	\$ -	\$ -
Fund balances - beginning	-	-	-	-
Fund balances - ending	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Comprehensive Services Fund			
Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
Original	Final		
\$ -	\$ -	\$ 1,625	\$ 1,625
1,723,523	1,723,523	1,698,832	(24,691)
<u>1,723,523</u>	<u>1,723,523</u>	<u>1,700,457</u>	<u>(23,066)</u>
\$ 2,402,177	\$ 2,632,177	\$ 2,375,824	\$ 256,353
<u>2,402,177</u>	<u>2,632,177</u>	<u>2,375,824</u>	<u>256,353</u>
\$ (678,654)	\$ (908,654)	\$ (675,367)	\$ 233,287
\$ 989,431	\$ 989,431	\$ 675,367	\$ (314,064)
<u>989,431</u>	<u>989,431</u>	<u>675,367</u>	<u>(314,064)</u>
\$ -	\$ -	\$ -	\$ (80,777)
-	-	-	80,777
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

County of Page, Virginia

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Nonmajor Special Revenue Funds  
For the Year Ended June 30, 2008 (continued)

	E-911 Fund			Variance with Final Budget Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
<b>REVENUES</b>				
Other local taxes	\$ 425,000	\$ 425,000	\$ -	\$ (425,000)
Charges for services	-	-	-	-
Intergovernmental revenues:				
Commonwealth	183,642	183,642	249,305	65,663
Federal	-	-	-	-
Total revenues	<u>\$ 608,642</u>	<u>\$ 608,642</u>	<u>\$ 249,305</u>	<u>\$ (359,337)</u>
<b>EXPENDITURES</b>				
Current:				
Public safety	\$ 643,591	\$ 848,834	\$ 649,894	\$ 198,940
Parks, recreation, and cultural	-	-	-	-
Total expenditures	<u>\$ 643,591</u>	<u>\$ 848,834</u>	<u>\$ 649,894</u>	<u>\$ 198,940</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ (34,949)</u>	<u>\$ (240,192)</u>	<u>\$ (400,589)</u>	<u>\$ (160,397)</u>
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers in	\$ -	\$ 205,243	\$ 434,465	\$ 229,222
Total other financing sources and uses	<u>\$ -</u>	<u>\$ 205,243</u>	<u>\$ 434,465</u>	<u>\$ 229,222</u>
Net change in fund balances	\$ (34,949)	\$ (34,949)	\$ 33,876	\$ 68,825
Fund balances - beginning	34,949	34,949	18,849	(16,100)
Fund balances - ending	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 52,725</u>	<u>\$ 52,725</u>

Exhibit 13

Parks and Recreation Fund			
Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
Original	Final		
\$ -	\$ -	\$ -	\$ -
60,000	60,000	43,420	(16,580)
-	-	-	-
-	-	-	-
<u>\$ 60,000</u>	<u>\$ 60,000</u>	<u>\$ 43,420</u>	<u>\$ (16,580)</u>
\$ -	\$ -	\$ -	\$ -
60,000	60,000	43,386	16,614
<u>\$ 60,000</u>	<u>\$ 60,000</u>	<u>\$ 43,386</u>	<u>\$ 16,614</u>
\$ -	\$ -	\$ 34	\$ 34
\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ 34	\$ 34
-	-	41,649	41,649
<u>\$ -</u>	<u>\$ -</u>	<u>\$ 41,683</u>	<u>\$ 41,683</u>

Combining Statement of Fiduciary Net Assets  
 Fiduciary Funds  
 June 30, 2008

	Agency Funds				
	Special Welfare	Cash Bonds Fund	Neutering/ Spaying Fund	Jail Inmate	Total
<b>ASSETS</b>					
Cash and cash equivalents	\$ 3,223	\$ 49,939	\$ 13,095	\$ 36,691	\$ 102,948
Total assets	<u>\$ 3,223</u>	<u>\$ 49,939</u>	<u>\$ 13,095</u>	<u>\$ 36,691</u>	<u>\$ 102,948</u>
<b>LIABILITIES</b>					
Amounts held for social services clients	\$ 3,223	\$ -	\$ -	\$ -	\$ 3,223
Amounts held for others	-	49,939	13,095	-	63,034
Amounts held for inmates	-	-	-	36,691	36,691
Total liabilities	<u>\$ 3,223</u>	<u>\$ 49,939</u>	<u>\$ 13,095</u>	<u>\$ 36,691</u>	<u>\$ 102,948</u>



Combining Statement of Changes in Assets and Liabilities  
 Agency Funds  
 For the Year Ended June 30, 2008

	Balance Beginning of Year	Additions	Deletions	Balance End of Year
<b>Special Welfare Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ 4,301	\$ 24,871	\$ 25,949	\$ 3,223
<b>LIABILITIES</b>				
Amounts held for social services clients	\$ 4,301	\$ 24,871	\$ 25,949	\$ 3,223
<b>Neutering/Spaying Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ 11,315	\$ 4,800	\$ 3,020	\$ 13,095
<b>LIABILITIES</b>				
Amounts held for neutering/spaying	\$ 11,315	\$ 4,800	\$ 3,020	\$ 13,095
<b>Cash Bonds Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ 67,739	\$ 25,826	\$ 43,626	\$ 49,939
<b>LIABILITIES</b>				
Amounts held for bonds fund	\$ 67,739	\$ 25,826	\$ 43,626	\$ 49,939
<b>Jail Inmate Accounts Fund:</b>				
<b>ASSETS</b>				
Cash in custody of others	\$ 25,007	\$ 571,886	\$ 560,202	\$ 36,691
<b>LIABILITIES</b>				
Amounts held for inmates	\$ 25,007	\$ 571,886	\$ 560,202	\$ 36,691
<b>Totals - All Agency Funds:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ 83,355	\$ 55,497	\$ 72,595	\$ 66,257
Cash in custody of others	25,007	571,886	560,202	36,691
Total assets	\$ 108,362	\$ 627,383	\$ 632,797	\$ 102,948
<b>LIABILITIES</b>				
Amounts held for social services clients	\$ 4,301	\$ 24,871	\$ 25,949	\$ 3,223
Amounts held for neutering/spaying	11,315	4,800	3,020	13,095
Amounts held for bonds fund	67,739	25,826	43,626	49,939
Amounts held for inmates	25,007	571,886	560,202	36,691
Total liabilities	\$ 108,362	\$ 627,383	\$ 632,797	\$ 102,948

Combining Balance Sheet  
Discretely Presented Component Unit - School Board  
June 30, 2008

	School Operating Fund	School Cafeteria Fund	Total Governmental Funds
<b>ASSETS</b>			
Cash and cash equivalents	\$ -	\$ 467,809	\$ 467,809
Receivables (net of allowance for uncollectibles):			
Accounts receivable	58,094	-	58,094
Due from other funds		86,722	86,722
Due from primary government	1,941,074	-	1,941,074
Due from other governmental units	820,196	-	820,196
Inventories	-	42,683	42,683
Prepaid items	498,235	-	498,235
Total assets	<u>\$ 3,317,599</u>	<u>\$ 597,214</u>	<u>\$ 3,914,813</u>
<b>LIABILITIES AND FUND BALANCES</b>			
Liabilities:			
Accounts payable	\$ 188,460	\$ -	\$ 188,460
Accrued liabilities	3,042,417	115,257	3,157,674
Due to other funds	86,722		86,722
Total liabilities	<u>\$ 3,317,599</u>	<u>\$ 115,257</u>	<u>\$ 3,432,856</u>
Fund balances:			
Unreserved:			
Designated for subsequent expenditure	\$ -	\$ 481,957	\$ 481,957
Total fund balances	<u>\$ -</u>	<u>\$ 481,957</u>	<u>\$ 481,957</u>
Total liabilities and fund balances	<u>\$ 3,317,599</u>	<u>\$ 597,214</u>	<u>\$ 3,914,813</u>

Amounts reported for governmental activities in the statement of net assets (Exhibit 1) are different because:

Total fund balances per above \$ 481,957

Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds. 10,224,521

Internal service funds are used by management to charge the costs of certain activities, such as insurance and telecommunications, to individual funds. The assets and liabilities of the internal service funds are included in governmental activities in the statement of net assets. 529,593

Long-term liabilities, including compensated absences, are not due and payable in the current period and, therefore, are not reported in the funds. (125,085)

Net assets of governmental activities \$ 11,110,986

Combining Statement of Revenues, Expenditures, and Changes in Fund Balances  
 Governmental Funds - Discretely Presented Component Unit - School Board  
 For the Year Ended June 30, 2008

	School Operating Fund	School Cafeteria Fund	Total Governmental Funds
<b>REVENUES</b>			
Revenue from the use of money and property	\$ -	\$ 496	\$ 496
Charges for services	1,296,919	744,583	2,041,502
Intergovernmental revenues:			
Local government	8,106,262	-	8,106,262
Commonwealth	21,117,469	24,187	21,141,656
Federal	1,883,578	850,118	2,733,696
Total revenues	<u>\$ 32,404,228</u>	<u>\$ 1,619,384</u>	<u>\$ 34,023,612</u>
<b>EXPENDITURES</b>			
Current:			
Education	\$ 32,404,228	\$ 1,629,677	\$ 34,033,905
Total expenditures	<u>\$ 32,404,228</u>	<u>\$ 1,629,677</u>	<u>\$ 34,033,905</u>
Excess (deficiency) of revenues over (under) expenditures	\$ -	\$ (10,293)	\$ (10,293)
Net change in fund balances	\$ -	\$ (10,293)	\$ (10,293)
Fund balances - beginning	-	492,250	492,250
Fund balances - ending	<u>\$ -</u>	<u>\$ 481,957</u>	<u>\$ 481,957</u>

Amounts reported for governmental activities in the statement of activities (Exhibit 2) are different because:

Net change in fund balances - total governmental funds - per above \$ (10,293)

Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which the capital outlays exceeded depreciation in the current period.

826,347

Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore are not reported as expenditures in governmental funds.

46

Internal service funds are used by management to charge the costs of certain activities, such as insurance and telecommunications, to individual funds. The net revenue (expense) of certain internal service funds is reported with governmental activities.

(403,475)

Change in net assets of governmental activities

\$ 412,625

County of Page, Virginia

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Discretely Presented Component Unit - School Board  
For the Year Ended June 30, 2008

	School Operating Fund			Variance with Final Budget Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
REVENUES				
Revenue from the use of money and property	\$ -	\$ -	\$ -	\$ -
Charges for services	1,040,812	1,040,812	1,296,919	256,107
Intergovernmental revenues:				
Local government	11,781,447	11,781,447	8,106,262	(3,675,185)
Commonwealth	21,444,870	21,495,392	21,117,469	(377,923)
Federal	1,740,895	1,812,332	1,883,578	71,246
Total revenues	\$ 36,008,024	\$ 36,129,983	\$ 32,404,228	\$ (3,725,755)
EXPENDITURES				
Current:				
Education	\$ 36,736,743	\$ 36,964,691	\$ 32,404,228	\$ 4,560,463
Total expenditures	\$ 36,736,743	\$ 36,964,691	\$ 32,404,228	\$ 4,560,463
Excess (deficiency) of revenues over (under) expenditures	\$ (728,719)	\$ (834,708)	\$ -	\$ 834,708
Net change in fund balances	\$ (728,719)	\$ (834,708)	\$ -	\$ 834,708
Fund balances - beginning	728,719	834,708	-	(834,708)
Fund balances - ending	\$ -	\$ -	\$ -	\$ -

Exhibit 18

School Cafeteria Fund			
Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
Original	Final		
\$ -	\$ -	\$ 496	\$ 496
822,334	822,334	744,583	(77,751)
-	-	-	-
23,715	23,715	24,187	472
675,000	675,000	850,118	175,118
\$ 1,521,049	\$ 1,521,049	\$ 1,619,384	\$ 98,335
\$ 1,521,049	\$ 1,521,049	\$ 1,629,677	\$ (108,628)
\$ 1,521,049	\$ 1,521,049	\$ 1,629,677	\$ (108,628)
\$ -	\$ -	\$ (10,293)	\$ (10,293)
\$ -	\$ -	\$ (10,293)	\$ (10,293)
-	-	492,250	492,250
\$ -	\$ -	\$ 481,957	\$ 481,957

Statement of Net Assets  
Proprietary Funds  
Discretely Presented Component Unit - School Board  
June 30, 2008

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	Internal Service Funds
<b>ASSETS</b>	
Current assets:	
Cash and cash equivalents	\$ 529,593
Total assets	<u>\$ 529,593</u>
<b>NET ASSETS</b>	
Unrestricted	\$ 529,593
Total net assets	<u>\$ 529,593</u>

Statement of Revenues, Expenses, and Changes in Fund Net Assets  
Proprietary Funds  
Discretely Presented Component Unit - School Board  
For the Year Ended June 30, 2008

---

	<u>Internal Service Funds</u>
<b>OPERATING REVENUES</b>	
Charges for services:	
Insurance premiums	\$ 3,450,357
Total operating revenues	\$ 3,450,357
<b>OPERATING EXPENSES</b>	
Insurance claims and expenses	\$ 3,866,447
Total operating expenses	\$ 3,866,447
Operating income (loss)	\$ (416,090)
<b>NONOPERATING REVENUES (EXPENSES)</b>	
Investment earnings	\$ 12,615
Total nonoperating revenues (expenses)	\$ 12,615
Change in net assets	\$ (403,475)
Total net assets - beginning	933,068
Total net assets - ending	\$ 529,593

Statement of Cash Flows  
 Proprietary Funds  
 Discretely Presented Component Unit - School Board  
 For the Year Ended June 30, 2008

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	<u>Internal Service Funds</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>	
Receipts for insurance premiums	\$ 3,450,357
Payments for premiums	<u>(3,866,447)</u>
Net cash provided (used) by operating activities	<u>\$ (416,090)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>	
Interest and dividends received	\$ 12,615
Net cash provided (used) by investing activities	<u>\$ 12,615</u>
Net increase (decrease) in cash and cash equivalents	\$ (403,475)
Cash and cash equivalents - beginning	933,068
Cash and cash equivalents - ending	<u>\$ 529,593</u>
<b>Reconciliation of operating income (loss) to net cash provided by operating activities:</b>	
Operating income (loss)	<u>\$ (416,090)</u>
Net cash provided (used) by operating activities	<u>\$ (416,090)</u>



## **SUPPORTING SCHEDULES AND TABLES**

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>General Fund:</b>				
Revenue from local sources:				
General property taxes:				
Real property taxes	\$ 12,249,964	\$ 12,249,964	\$ 10,750,476	\$ (1,499,488)
Real and personal public service corporation taxes	281,600	281,600	288,824	7,224
Personal property taxes	4,804,725	4,804,725	5,321,188	516,463
Penalties	210,540	210,540	224,954	14,414
Interest	104,725	104,725	176,301	71,576
Total general property taxes	\$ 17,651,554	\$ 17,651,554	\$ 16,761,743	\$ (889,811)
Other local taxes:				
Local sales and use taxes	\$ 1,354,200	\$ 1,354,200	\$ 1,368,668	\$ 14,468
Cellular phone taxes	200,000	200,000	-	(200,000)
Business licenses	157,000	157,000	198,989	41,989
Communication taxes	-	-	514,886	514,886
Consumption taxes	49,700	49,700	47,505	(2,195)
Motor vehicle licenses	353,460	353,460	312,240	(41,220)
Taxes on recordation and wills	303,464	303,464	211,949	(91,515)
Transient occupancy taxes	364,000	406,000	400,633	(5,367)
Meals taxes	271,000	271,000	268,268	(2,732)
Total other local taxes	\$ 3,052,824	\$ 3,094,824	\$ 3,323,138	\$ 228,314
Permits, privilege fees, and regulatory licenses:				
Animal licenses	\$ 7,000	\$ 7,000	\$ 11,422	\$ 4,422
Land use application fees	3,000	3,000	5,188	2,188
Transfer fees	1,161	1,161	922	(239)
Permits and other licenses	655,905	655,905	294,486	(361,419)
Total permits, privilege fees, and regulatory licenses	\$ 667,066	\$ 667,066	\$ 312,018	\$ (355,048)
Fines and forfeitures:				
Court fines and forfeitures	\$ 50,253	\$ 54,463	\$ 86,630	\$ 32,167
Revenue from use of money and property:				
Revenue from use of money	\$ 250,000	\$ 250,000	\$ 410,174	\$ 160,174
Revenue from use of property	35,000	35,000	44,918	9,918
Total revenue from use of money and property	\$ 285,000	\$ 285,000	\$ 455,092	\$ 170,092
Charges for services:				
Sheriff's fees	\$ 1,943	\$ 1,943	\$ 1,842	\$ (101)
Charges for Animal Protection	7,500	7,500	10,830	3,330
Charges for Commonwealth's Attorney	2,024	2,024	2,505	481
Work release and other inmate fees	146,500	146,582	170,891	24,309
Charges for sanitation and waste removal	2,040,000	2,040,000	650,984	(1,389,016)
Other charges for services	24,724	24,724	30,982	6,258
Total charges for services	\$ 2,222,691	\$ 2,222,773	\$ 868,034	\$ (1,354,739)
Miscellaneous revenue:				
Miscellaneous	\$ 39,650	\$ 64,700	\$ 192,889	\$ 128,189
Total revenue from local sources	\$ 23,969,038	\$ 24,040,380	\$ 21,999,544	\$ (2,040,836)
Revenue from the Commonwealth:				
Noncategorical aid:				
ABC profits	\$ 9,000	\$ 9,000	\$ -	\$ (9,000)
Wine taxes	9,000	9,000	-	(9,000)
Mobile home titling tax	-	-	41,259	41,259
State recordation tax	65,002	65,002	40,968	(24,034)
Railroad rolling stock tax	27,000	27,000	31,537	4,537

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Revenue from the Commonwealth: (Continued)				
Noncategorical aid: (Continued)				
Motor vehicle rental tax	\$ 3,000	\$ 3,000	\$ 3,023	\$ 23
Personal property tax relief funds	1,640,791	1,640,791	1,640,791	-
Total noncategorical aid	\$ 1,753,793	\$ 1,753,793	\$ 1,757,578	\$ 3,785
Categorical aid:				
Shared expenses:				
Commonwealth's attorney	\$ 268,285	\$ 268,285	\$ 285,532	\$ 17,247
Sheriff	2,157,576	2,157,576	2,240,656	83,080
Commissioner of revenue	145,696	145,696	155,568	9,872
Treasurer	137,762	137,762	140,881	3,119
Medical examiner	405	405	-	(405)
Registrar/electoral board	71,000	71,000	54,882	(16,118)
Clerk of the Circuit Court	234,098	234,098	236,297	2,199
Total shared expenses	\$ 3,014,822	\$ 3,014,822	\$ 3,113,816	\$ 98,994
Other categorical aid:				
CJS GTS grant	\$ 25,252	\$ 25,252	\$ 6,042	\$ (19,210)
Victim witness assistance	42,031	42,031	40,980	(1,051)
Other	208,581	344,569	207,653	(136,916)
Total other categorical aid	\$ 275,864	\$ 411,852	\$ 254,675	\$ (157,177)
Total categorical aid	\$ 3,290,686	\$ 3,426,674	\$ 3,368,491	\$ (58,183)
Total revenue from the Commonwealth	\$ 5,044,479	\$ 5,180,467	\$ 5,126,069	\$ (54,398)
Revenue from the federal government:				
Payments in lieu of taxes	\$ 85,263	\$ 85,263	\$ 83,262	\$ (2,001)
Categorical aid:				
Forfeited assets	\$ -	\$ -	\$ 837	\$ 837
Sheriff GTS	37,055	37,055	-	(37,055)
Byrne grant	-	-	36,106	36,106
DMV ground transportation safety grant	1,156	1,156	23,221	22,065
Community oriented police grants	49,361	50,360	13,777	(36,583)
Bullet proof vest grant	28,424	28,424	2,832	(25,592)
Terrorism prevention	53,569	53,569	2,600	(50,969)
FEMA/Homeland security	52,000	52,000	-	(52,000)
Victim witness assistance	53,959	53,959	36,677	(17,282)
BJA sheriff grant	-	-	16,939	16,939
Local in-opt grant	70,695	70,695	-	(70,695)
Technology grant	74,042	74,042	4,911	(69,131)
ABC communication coalition grant	-	7,000	-	(7,000)
Total categorical aid	\$ 420,261	\$ 428,260	\$ 137,900	\$ (290,360)
Total revenue from the federal government	\$ 505,524	\$ 513,523	\$ 221,162	\$ (292,361)
Total General Fund	\$ 29,519,041	\$ 29,734,370	\$ 27,346,775	\$ (2,387,595)
Special Revenue Funds:				
Virginia Public Assistance Fund:				
Revenue from local sources:				
Charges for services:				
Public assistance and welfare administration	\$ -	\$ -	\$ 4,002	\$ 4,002

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Special Revenue Funds: (Continued)</b>				
<b>Virginia Public Assistance Fund: (Continued)</b>				
Revenue from the Commonwealth:				
Categorical aid:				
Public assistance and welfare administration	\$ -	\$ -	\$ 584,417	\$ 584,417
Revenue from the federal government:				
Categorical aid:				
Public assistance and welfare administration	\$ 1,953,876	\$ 1,953,876	\$ 1,116,034	\$ (837,842)
Total Virginia Public Assistance Fund	\$ 1,953,876	\$ 1,953,876	\$ 1,704,453	\$ (249,423)
<b>Comprehensive Services Act Fund:</b>				
Revenue from local sources:				
Charges for services:				
Comprehensive services	\$ -	\$ -	\$ 1,625	\$ 1,625
Revenue from the Commonwealth:				
Categorical aid:				
Comprehensive Services Act program	\$ 1,723,523	\$ 1,723,523	\$ 1,685,994	\$ (37,529)
Child support public assistance funds	-	-	12,838	12,838
Total categorical aid	\$ 1,723,523	\$ 1,723,523	\$ 1,698,832	\$ (24,691)
Total revenue from the Commonwealth	\$ 1,723,523	\$ 1,723,523	\$ 1,698,832	\$ (24,691)
Total Comprehensive Services Act Fund	\$ 1,723,523	\$ 1,723,523	\$ 1,700,457	\$ (23,066)
<b>E-911 Fund:</b>				
Revenue from local sources:				
Other local taxes:				
Emergency telephone service taxes	\$ 425,000	\$ 425,000	\$ -	\$ (425,000)
Categorical aid:				
Sheriff	\$ 83,642	\$ 83,642	\$ 63,250	\$ (20,392)
PSAP grant	100,000	100,000	186,055	86,055
Total categorical aid	\$ 183,642	\$ 183,642	\$ 249,305	\$ 65,663
Total revenue from the Commonwealth	\$ 183,642	\$ 183,642	\$ 249,305	\$ 65,663
Total E-911 Fund	\$ 608,642	\$ 608,642	\$ 249,305	\$ (359,337)
<b>Parks and Recreation Fund</b>				
Revenue from local sources:				
Parks and recreation fees	\$ 60,000	\$ 60,000	\$ 43,420	\$ (16,580)
<b>Capital Projects Fund:</b>				
<b>County Capital Improvements Fund:</b>				
Revenue from use of money and property:				
Revenue from the use of money	\$ -	\$ -	\$ 1,759,357	\$ 1,759,357
Total revenue from use of money and property	\$ -	\$ -	\$ 1,759,357	\$ 1,759,357
Total revenue from local sources	\$ -	\$ -	\$ 1,759,357	\$ 1,759,357

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Capital Projects Fund: (Continued)</b>				
<b>County Capital Improvements Fund: (Continued)</b>				
Revenue from the Commonwealth:				
Categorical aid:				
Other categorical aid	\$ -	\$ -	\$ 2,655,955	\$ 2,655,955
Total categorical aid	\$ -	\$ -	\$ 2,655,955	\$ 2,655,955
Total revenue from the Commonwealth	\$ -	\$ -	\$ 2,655,955	\$ 2,655,955
Total County Capital Improvements Fund	\$ -	\$ -	\$ 4,415,312	\$ 4,415,312
Total Primary Government	\$ 33,865,082	\$ 34,080,411	\$ 35,459,722	\$ 1,379,311
<b>Discretely Presented Component Unit - School Board:</b>				
<b>Special Revenue Funds:</b>				
<b>School Operating Fund:</b>				
Charges for services:				
Charges for education	\$ 1,040,812	\$ 1,040,812	\$ 1,296,919	\$ 256,107
Total revenue from local sources	\$ 1,040,812	\$ 1,040,812	\$ 1,296,919	\$ 256,107
Intergovernmental revenues:				
Revenues from local governments:				
Contribution from County of Page, Virginia	\$ 11,781,447	\$ 11,781,447	\$ 8,106,262	\$ (3,675,185)
Total revenues from local governments	\$ 11,781,447	\$ 11,781,447	\$ 8,106,262	\$ (3,675,185)
Revenue from the Commonwealth:				
Categorical aid:				
Share of state sales tax	\$ 3,235,933	\$ 3,235,933	\$ 3,095,188	\$ (140,745)
Basic school aid	11,343,541	11,343,541	11,195,519	(148,022)
GED funding	15,717	33,107	45,107	12,000
Remedial summer education	49,441	49,441	51,196	1,755
Gifted and talented	104,799	104,799	102,914	(1,885)
Remedial education	255,607	255,607	170,607	(85,000)
Enrollment loss payments	-	-	12,911	12,911
Special education	1,088,887	1,088,887	1,069,303	(19,584)
Textbook payments	256,323	256,323	251,713	(4,610)
Vocational standards of quality payments	393,635	393,635	388,042	(5,593)
Social security	598,121	598,121	577,471	(20,650)
Retirement fringe benefits	897,182	897,182	878,006	(19,176)
Vocational occupational technical education	39,880	50,679	45,903	(4,776)
Early reading intervention	78,181	78,181	62,545	(15,636)
Group life instructional	30,673	30,673	31,218	545
Adult literacy	2,880	6,536	-	(6,536)
Homebound education	18,416	18,416	13,928	(4,488)
Lottery	564,867	564,867	645,908	81,041
Tobacco Settlement	7,558	7,558	7,507	(51)
Regional program tuition	379,420	379,420	404,245	24,825
Compensation supplement	723,369	723,369	717,889	(5,480)
At risk payments	236,136	236,136	231,893	(4,243)
School construction	152,324	152,324	151,763	(561)
Primary class size	300,636	300,636	308,495	7,859
Technology	258,000	258,000	258,000	-
Standards of Learning algebra readiness	38,091	38,091	36,041	(2,050)

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
Discretely Presented Component Unit - School Board: (Continued)				
Special Revenue Funds: (Continued)				
School Operating Fund: (Continued)				
Revenue from the Commonwealth: (Continued)				
Categorical aid: (Continued)				
At risk four-year olds	\$ 312,409	\$ 312,409	\$ 312,409	\$ -
English as a second language	59,846	59,846	26,128	(33,718)
Other state funds	2,998	21,675	25,620	3,945
Total categorical aid	\$ 21,444,870	\$ 21,495,392	\$ 21,117,469	\$ (377,923)
Revenue from the federal government:				
Categorical aid:				
Federal land use	\$ 16,000	\$ 16,000	\$ 16,082	\$ 82
Adult literacy	65,000	65,000	88,097	23,097
Title I	670,094	670,094	632,121	(37,973)
Title VI-B, special education flow-through	635,733	651,970	730,938	78,968
Vocational education	67,000	67,000	68,255	1,255
Title VI-B, special education pre-school	16,505	16,505	20,301	3,796
Drug free schools	15,368	15,368	20,925	5,557
Title II Part A	185,874	185,874	174,669	(11,205)
Title V	9,321	9,321	14,616	5,295
School improvement grant	-	-	19,973	19,973
State academic achievement	-	-	2,759	2,759
Education technology	-	-	6,981	6,981
Learn and serve grant	-	-	15,276	15,276
21st century grant	60,000	60,000	62,756	2,756
REMS grant	-	-	9,140	9,140
Other federal funds	-	55,200	689	(54,511)
Total categorical aid	\$ 1,740,895	\$ 1,812,332	\$ 1,883,578	\$ 71,246
Total revenue from the federal government	\$ 1,740,895	\$ 1,812,332	\$ 1,883,578	\$ 71,246
Total School Operating Fund	\$ 36,008,024	\$ 36,129,983	\$ 32,404,228	\$ (3,725,755)
<b>School Cafeteria Fund:</b>				
Revenue from local sources:				
Revenue from use of money and property:				
Revenue from the use of money	\$ -	\$ -	\$ 496	\$ 496
Charges for services:				
Cafeteria sales	\$ 822,334	\$ 822,334	\$ 744,583	\$ (77,751)
Total revenue from local sources	\$ 822,334	\$ 822,334	\$ 745,079	\$ (77,255)
Categorical aid:				
School food program grant	\$ 23,715	\$ 23,715	\$ 24,187	\$ 472
Total revenue from the Commonwealth	\$ 23,715	\$ 23,715	\$ 24,187	\$ 472
Revenue from the federal government:				
Categorical aid:				
School food program grant	\$ 675,000	\$ 675,000	\$ 850,118	\$ 175,118
Total School Cafeteria Fund	\$ 1,521,049	\$ 1,521,049	\$ 1,619,384	\$ 98,335
Total Discretely Presented Component Unit - School Board	\$ 37,529,073	\$ 37,651,032	\$ 34,023,612	\$ (3,627,420)

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>General Fund:</b>				
General government administration:				
Legislative:				
Board of supervisors	\$ 210,748	\$ 201,748	\$ 119,905	\$ 81,843
General and financial administration:				
County administrator	\$ 279,482	\$ 279,482	\$ 260,582	\$ 18,900
Accounting	198,559	198,559	177,095	21,464
Legal services	181,850	174,850	132,919	41,931
Commissioner of revenue	653,170	634,170	627,116	7,054
Reassessment	-	-	29	(29)
Geographic information systems	285,048	277,248	210,217	67,031
Treasurer	443,872	446,872	430,484	16,388
Data processing	181,589	181,589	173,921	7,668
Total general and financial administration	\$ 2,223,570	\$ 2,192,770	\$ 2,012,363	\$ 180,407
Board of elections:				
Electoral board and officials	\$ 43,451	\$ 43,451	\$ 43,450	\$ 1
Registrar	86,127	86,127	86,127	-
Total board of elections	\$ 129,578	\$ 129,578	\$ 129,577	\$ 1
Total general government administration	\$ 2,563,896	\$ 2,524,096	\$ 2,261,845	\$ 262,251
Judicial administration:				
Courts:				
Circuit court	\$ 10,529	\$ 11,579	\$ 7,848	\$ 3,731
General district court	12,490	12,490	10,267	2,223
Special magistrates	4,700	4,700	3,180	1,520
Juvenile and domestic relations court	13,880	13,880	12,701	1,179
Sheriff	201,278	201,278	183,552	17,726
Victim witness program	54,336	54,336	51,363	2,973
Clerk of the circuit court	387,208	473,768	446,839	26,929
Total courts	\$ 684,421	\$ 772,031	\$ 715,750	\$ 56,281
Commonwealth's attorney:				
Commonwealth's attorney	\$ 394,936	\$ 401,418	\$ 401,404	\$ 14
Total judicial administration	\$ 1,079,357	\$ 1,173,449	\$ 1,117,154	\$ 56,295
Public safety:				
Law enforcement and traffic control:				
Sheriff	\$ 2,805,393	\$ 2,904,379	\$ 2,504,876	\$ 399,503
Virginia Juvenile Community Crime Control Act	42,031	42,031	40,972	1,059
Total law enforcement and traffic control	\$ 2,847,424	\$ 2,946,410	\$ 2,545,848	\$ 400,562
Fire and rescue services:				
Volunteer fire department	\$ 335,000	\$ 335,000	\$ 324,395	\$ 10,605
Volunteer rescue squads	333,330	411,830	393,342	18,488
Fire extinction	1,898	1,898	1,898	-
Total fire and rescue services	\$ 670,228	\$ 748,728	\$ 719,635	\$ 29,093
Correction and detention:				
Jail	\$ 1,387,431	\$ 1,424,658	\$ 1,424,655	\$ 3
Juvenile detention	157,265	157,265	155,267	1,998
Total correction and detention	\$ 1,544,696	\$ 1,581,923	\$ 1,579,922	\$ 2,001

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Public safety: (Continued)				
Inspections:				
Building	\$ 372,055	\$ 349,055	\$ 319,732	\$ 29,323
Zoning	155,670	149,670	142,195	7,475
Total inspections	\$ 527,725	\$ 498,725	\$ 461,927	\$ 36,798
Other protection:				
Animal control	\$ 430,563	\$ 430,563	\$ 367,706	\$ 62,857
Medical examiner	750	750	300	450
Emergency medical services	261,507	261,507	113,412	148,095
Concern hotline	1,800	1,800	1,800	-
Emergency services	8,830	8,830	8,130	700
Total other protection	\$ 703,450	\$ 703,450	\$ 491,348	\$ 212,102
Total public safety	\$ 6,293,523	\$ 6,479,236	\$ 5,798,680	\$ 680,556
Public works:				
Maintenance of highways, streets, bridges and sidewalks:				
Highways, streets, bridges and sidewalks	\$ 5,000	\$ 5,000	\$ 3,965	\$ 1,035
Sanitation and waste removal:				
Compactor sites	\$ 157,216	\$ 142,216	\$ 128,262	\$ 13,954
Landfill	1,940,089	1,728,779	1,678,175	50,604
Total sanitation and waste removal	\$ 2,097,305	\$ 1,870,995	\$ 1,806,437	\$ 64,558
Maintenance of general buildings and grounds:				
General properties	\$ 508,801	\$ 489,801	\$ 414,889	\$ 74,912
Total public works	\$ 2,611,106	\$ 2,365,796	\$ 2,225,291	\$ 140,505
Health and welfare:				
Health:				
Supplement of local health department	\$ 254,518	\$ 254,518	\$ 254,518	\$ -
Health advisory council	1,420	1,420	-	1,420
Total health	\$ 255,938	\$ 255,938	\$ 254,518	\$ 1,420
Mental health and mental retardation:				
Community services board	\$ 86,954	\$ 86,954	\$ 86,954	\$ -
Choices	5,000	5,000	5,000	-
Total mental health and mental retardation	\$ 91,954	\$ 91,954	\$ 91,954	\$ -
Welfare:				
Welfare administration	\$ 19,867	\$ 19,867	\$ 19,113	\$ 754
Shenandoah Area Agency on Aging	50,898	50,898	50,898	-
Shen-Paco industries	2,250	2,250	2,250	-
Access independence	33,280	33,280	33,280	-
Tax relief for the elderly	-	-	215,029	(215,029)
Total welfare	\$ 106,295	\$ 106,295	\$ 320,570	\$ (214,275)
Total health and welfare	\$ 454,187	\$ 454,187	\$ 667,042	\$ (212,855)



Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Education:				
Other instructional costs:				
Contributions to L.F. Community College	\$ 16,043	\$ 16,043	\$ 16,043	\$ -
Contribution to County School Board	11,781,451	11,781,451	8,106,262	3,675,189
Total education	\$ 11,797,494	\$ 11,797,494	\$ 8,122,305	\$ 3,675,189
Parks, recreation, and cultural:				
Parks and recreation:				
Administration	\$ 128,165	\$ 128,165	\$ 128,074	\$ 91
Town recreation programs	18,000	18,000	15,000	3,000
Total parks and recreation	\$ 146,165	\$ 146,165	\$ 143,074	\$ 3,091
Cultural enrichment:				
Bluemont series	\$ 5,000	\$ 5,000	\$ 5,000	\$ -
Library:				
Regional library	\$ 168,000	\$ 168,000	\$ 168,000	\$ -
Total parks, recreation, and cultural	\$ 319,165	\$ 319,165	\$ 316,074	\$ 3,091
Community development:				
Planning and community development:				
Planning	\$ 202,582	\$ 194,582	\$ 134,946	\$ 59,636
Northern Shenandoah Planning Commission	14,650	14,650	11,996	2,654
Zoning	6,984	6,984	621	6,363
Economic development	468,183	559,433	540,287	19,146
Airport Commission	73,936	73,936	73,936	-
Chamber of Commerce	190,000	232,000	221,555	10,445
Total planning and community development	\$ 956,335	\$ 1,081,585	\$ 983,341	\$ 98,244
Environmental management:				
Soil and water conservation district	\$ 5,500	\$ 5,500	\$ 5,500	\$ -
Other environmental management	113,228	123,028	90,713	32,315
Total environmental management	\$ 118,728	\$ 128,528	\$ 96,213	\$ 32,315
Cooperative extension program:				
Administration	\$ 89,421	\$ 85,921	\$ 85,921	\$ -
4-H center	3,500	3,500	3,500	-
Total cooperative extension program	\$ 92,921	\$ 89,421	\$ 89,421	\$ -
Total community development	\$ 1,167,984	\$ 1,299,534	\$ 1,168,975	\$ 130,559
Nondepartmental:				
Miscellaneous	\$ 225,500	\$ 123,735	\$ 121,073	\$ 2,662
Debt service:				
Principal retirement	\$ 1,761,189	\$ 1,761,189	\$ 1,108,859	\$ 652,330
Interest and other fiscal charges	2,473,509	2,473,509	3,035,095	(561,586)
Total debt service	\$ 4,234,698	\$ 4,234,698	\$ 4,143,954	\$ 90,744
Total General Fund	\$ 30,746,910	\$ 30,771,390	\$ 25,942,393	\$ 4,828,997

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2008

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Special Revenue Funds:</b>				
<b>Virginia Public Assistance Fund:</b>				
Health and welfare:				
Welfare and social services:				
Welfare administration	\$ 2,342,082	\$ 2,342,082	\$ 2,079,105	\$ 262,977
Total Virginia Public Assistance Fund	\$ 2,342,082	\$ 2,342,082	\$ 2,079,105	\$ 262,977
<b>Comprehensive Services Act Fund:</b>				
Health and welfare:				
Welfare and social services:				
Comprehensive services	\$ 2,402,177	\$ 2,632,177	\$ 2,375,824	\$ 256,353
Total Comprehensive Services Act Fund	\$ 2,402,177	\$ 2,632,177	\$ 2,375,824	\$ 256,353
<b>E-911 Fund</b>				
Public safety				
Law enforcement and traffic control:				
Emergency services	\$ 643,591	\$ 848,834	\$ 649,894	\$ 198,940
Total E-911 Fund	\$ 643,591	\$ 848,834	\$ 649,894	\$ 198,940
<b>Parks and Recreation Fund:</b>				
Parks, recreation, and cultural:				
Parks and recreation:				
Supervision of parks and recreation	\$ 60,000	\$ 60,000	\$ 43,386	\$ 16,614
Total Parks and Recreation fund	\$ 60,000	\$ 60,000	\$ 43,386	\$ 16,614
<b>Capital Projects Fund:</b>				
<b>County Capital Improvements Fund:</b>				
Capital projects expenditures:				
Landfill equipment	\$ -	\$ 620,820	\$ -	\$ 620,820
Office building	\$ -	\$ -	\$ 19,365	\$ (19,365)
Battlecreek landfill	1,250,000	1,250,000	\$ -	1,250,000
Capital restricted	1,292,965	1,894,372	765,929	1,128,443
School construction	36,084,128	36,084,128	31,858,942	4,225,186
Total capital projects	\$ 38,627,093	\$ 39,849,320	\$ 32,644,236	\$ 7,205,084
Total Capital Projects Fund	\$ 38,627,093	\$ 39,849,320	\$ 32,644,236	\$ 7,205,084
Total Primary Government	\$ 74,821,853	\$ 76,503,803	\$ 63,734,838	\$ 12,768,965

Schedule of Expenditures - Budget and Actual  
 Governmental Funds  
 For the Year Ended June 30, 2008

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Discretely Presented Component Unit - School Board:</b>				
<b>Special revenue funds:</b>				
<b>School Operating Fund:</b>				
Education:				
Instructional	\$ 25,374,881	\$ 25,602,829	\$ 24,834,211	\$ 768,618
Administration, attendance and health services	1,457,471	1,457,471	1,623,549	(166,078)
Pupil transportation	1,961,840	1,961,840	1,999,574	(37,734)
Operation and maintenance	1,990,800	1,990,800	2,467,496	(476,696)
Facilities	4,161,005	4,161,005	261,943	3,899,062
Technology	1,092,031	1,092,031	1,160,249	(68,218)
School food services	698,715	698,715	57,206	641,509
Total education	<u>\$ 36,736,743</u>	<u>\$ 36,964,691</u>	<u>\$ 32,404,228</u>	<u>\$ 4,560,463</u>
Total School Fund	<u>\$ 36,736,743</u>	<u>\$ 36,964,691</u>	<u>\$ 32,404,228</u>	<u>\$ 4,560,463</u>
<b>Cafeteria Fund:</b>				
Education:				
School food services:				
Administration of school food program	\$ 1,521,049	\$ 1,521,049	\$ 1,629,677	\$ (108,628)
Total Cafeteria Fund	<u>\$ 1,521,049</u>	<u>\$ 1,521,049</u>	<u>\$ 1,629,677</u>	<u>\$ (108,628)</u>
Total Discretely Presented Component Unit - School Board	<u>\$ 38,257,792</u>	<u>\$ 38,485,740</u>	<u>\$ 34,033,905</u>	<u>\$ 4,451,835</u>

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STATISTICAL INFORMATION

County of Page, Virginia

Government-Wide Expenses by Function  
Last Ten Fiscal Years (1)

Fiscal Year	General Government Administration	Judicial Administration	Public Safety	Public Works	Health and Welfare	Education
2003	\$ 1,802,088	\$ 511,950	\$ 3,773,049	\$ 872,084	\$ 3,578,116	\$ 24,331,059
2004	1,775,099	536,525	4,119,161	1,402,309	3,410,508	31,550,735
2005	2,242,701	567,197	5,130,121	3,645,202	5,023,348	33,832,956
2006	2,391,188	912,629	5,562,040	4,237,339	4,797,023	39,170,831
2007	2,721,418	1,031,210	6,326,121	2,284,169	5,010,637	41,076,429
2008	2,594,416	1,127,851	6,465,844	2,632,231	5,124,721	43,792,754

Includes the primary government and component unit school board.

(1) Information has only been available for 6 years.

Table 1

<u>Parks, Recreation, and Cultural</u>	<u>Community Development</u>	<u>Interest on Long- Term Debt</u>	<u>Total</u>
\$ 282,110	\$ 804,207	\$ 277,226	\$ 36,231,889
239,088	1,237,918	279,279	44,550,622
260,385	895,947	292,062	51,889,919
304,228	1,042,107	518,790	58,936,175
355,263	843,537	2,057,773	61,706,557
361,870	1,167,563	2,741,544	66,008,794

County of Page, Virginia

Government-Wide Revenues  
Last Ten Fiscal Years (1)

Fiscal Year	PROGRAM REVENUES				
	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	General Property Taxes	Other Local Taxes
2003	\$ 1,689,687	\$ 11,445,428	\$ 153,292	\$ 10,796,506	\$ 2,580,809
2004	2,019,634	12,344,452	953,309	11,874,051	2,740,223
2005	2,051,081	14,382,906	175,370	10,938,203	2,949,991
2006	3,234,225	27,467,464	440,382	13,906,915	3,326,249
2007	3,337,956	30,146,101	152,368	14,274,262	2,749,063
2008	3,357,231	33,534,523	151,763	17,042,154	3,323,138

Includes the primary government and component unit school board.

(1) Information has only been available for 6 years.

Table 2

## GENERAL REVENUES

Permits, Privilege Fees, Regulatory Licenses	Unrestricted Investment Earnings	Miscellaneous	Grants and Contributions Not Restricted to Specific Programs	Extraordinary item	Total
\$ 152,574	\$ 106,935	\$ 16,599	\$ 12,654,359	\$ -	\$ 39,596,189
-	82,081	126,951	18,060,211	-	48,200,912
-	242,075	481,585	19,707,978	(7,967,220)	42,961,969
-	245,063	266,186	10,494,961	-	59,381,445
-	2,054,857	113,272	9,862,420	-	62,690,299
-	2,214,945	192,889	10,976,833	-	70,793,476



County of Page, Virginia

General Governmental Expenditures by Function (1)

Last Ten Fiscal Years

Fiscal Year	General Government Administration	Judicial Administration	Public Safety	Public Works	Health and Welfare	Education (2)	Parks, Recreation, and Cultural
2008 \$	2,261,845 \$	1,117,154 \$	6,448,574 \$	2,225,291 \$	5,121,971 \$	34,049,948 \$	359,460
2007	2,351,468	1,029,276	6,447,115	1,974,751	4,980,512	32,937,411	354,933
2006	2,154,250	918,482	5,561,815	2,175,521	4,793,577	30,265,796	302,498
2005	2,045,242	552,205	5,101,149	2,618,203	4,301,745	27,068,031	261,496
2004	1,748,387	534,265	4,064,554	1,444,263	3,397,920	26,294,403	238,320
2003	1,661,630	506,893	3,984,258	1,041,738	3,528,163	23,855,414	281,615
2002	2,036,139	492,982	3,502,258	2,324,754	3,177,785	23,035,269	206,773
2001	1,461,650	414,758	3,478,031	3,898,838	3,223,180	22,605,880	183,920
2000	1,275,422	420,928	3,020,904	3,745,871	3,157,580	21,679,101	187,780
1999	1,539,178	308,430	2,715,023	2,432,352	3,700,613	21,221,521	157,228

(1) Includes General and Special Revenue funds of the Primary Government and its Discretely Presented Component Unit School Board.

(2) Excludes contribution from Primary Government to Discretely Presented Component Unit.

Table 3

<u>Community Development</u>	<u>Non- departmental</u>	<u>Debt Service</u>	<u>Total</u>
\$ 1,168,975	\$ 121,073	\$ 4,143,954	\$ 57,018,245
833,154	159,074	1,446,480	52,514,174
1,031,354	193,941	11,115,864	58,513,098
657,747	177,861	876,320	43,659,999
1,042,445	-	904,860	39,669,417
685,457	69,938	936,668	36,551,774
400,689	93,068	1,652,243	36,921,960
927,888	91,641	1,301,482	37,587,268
460,068	95,321	1,246,511	35,289,486
292,486	-	966,704	33,333,535

County of Page, Virginia

General Governmental Revenues by Source (1)  
Last Ten Fiscal Years

Fiscal Year	General Property Taxes	Other Local Taxes	Permits, Privilege Fees, Regulatory Licenses	Fines and Forfeitures	Revenue from the Use of Money and Property	Charges for Services	Miscellaneous
2008 \$	16,761,743 \$	3,323,138 \$	312,018 \$	86,630 \$	455,588 \$	2,958,583 \$	192,889
2007	14,484,551	3,349,730	409,010	54,251	571,946	2,837,064	113,272
2006	12,987,869	3,326,249	263,136	20,355	245,063	2,624,771	266,986
2005	11,281,113	2,949,991	246,273	17,087	214,488	1,682,675	493,262
2004	11,484,813	2,740,223	159,776	10,629	57,614	1,849,229	126,951
2003	10,968,864	2,580,809	152,574	20,352	89,060	1,669,335	16,599
2002	10,156,868	2,579,003	153,460	1,279	166,458	2,908,085	157,089
2001	10,368,204	2,489,381	114,583	3,203	283,617	3,070,896	232,287
2000	8,329,085	1,986,668	106,868	1,732	98,154	2,951,325	71,686
1999	7,823,584	1,449,817	382,242	681	228,777	2,056,797	137,041

(1) Includes General and Special Revenue funds of the Primary Government and its Discretely Presented Component Units.

(2) Excludes contribution from Primary Government to Discretely Presented Component Unit.

Table 4

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<u>Inter-</u>		<u>governmental (2)</u>		<u>Total</u>	
\$	32,871,171	\$	56,961,760		
	32,194,834		54,014,658		
	29,871,104		49,605,533		
	27,560,147		44,445,036		
	25,111,708		41,540,943		
	24,253,079		39,750,672		
	23,141,731		39,263,973		
	23,412,534		39,974,705		
	21,243,575		34,789,093		
	20,170,794		32,249,733		

**Property Tax Levies and Collections**  
**Last Ten Fiscal Years**

Fiscal Year	Total Tax Levy (1,3)	Current Tax Collections (1) (4)	(5) Percent of Levy Collected	Delinquent Tax Collections (1)	Total Tax Collections	Percent of Total Tax Collections to Tax Levy	Outstanding Delinquent Taxes (1,2,4)	Percent of Delinquent Taxes to Tax Levy
2008 \$	17,742,263	\$ 16,109,021	91%	\$ 1,892,258	\$ 18,001,279	101%	\$ 2,308,858	13%
2007	15,621,561	14,668,962	94%	1,180,871	15,849,833	101%	2,197,649	14%
2006	15,810,214	12,863,380	81%	1,454,934	14,318,314	91%	1,573,679	10%
2005	12,283,947	11,309,130	92%	1,194,917	12,504,047	102%	1,286,692	10%
2004	12,540,769	11,334,556	90%	1,488,329	12,822,885	102%	1,766,421	14%
2003	11,821,035	10,777,131	91%	1,435,572	12,212,703	103%	1,431,942	12%
2002	11,131,184	10,152,721	91%	1,251,836	11,404,557	102%	1,271,732	11%
2001	10,788,769	9,795,678	91%	1,364,752	11,160,430	103%	1,332,400	12%
2000	8,409,401	7,596,024	90%	928,625	8,524,649	101%	1,126,898	13%
1999	7,713,792	6,952,772	90%	498,122	7,450,894	97%	1,072,731	14%

(1) Exclusive of penalties and interest.

(2) Includes three most current delinquent tax years and first half of current tax year.

(3) 1999 was the first year for personal property tax relief by the Commonwealth of Virginia.

(4) During 2003-2004, a large County taxpayer filed for bankruptcy. The amount due in these years was \$259,174 and \$129,220 respectively which increased the amount of outstanding taxes at year end.

(5) The first half of 2006 PPTRA levy will not be able to be collected by the County until December, resulting in a lower collection %.

Assessed Value of Taxable Property (1)  
Last Ten Fiscal Years

Fiscal Year	Real Estate (3)	Personal Property & Mobile Homes	Machinery and Tools	Public Service		Total
				Real Estate	Personal Property	
2008	\$ 2,242,856,500	\$ 188,690,673	\$ 22,227,076	\$ 59,930,248	\$ 29,710	\$ 2,513,734,207
2007	1,711,515,700	191,693,126	22,404,153	40,687,398	26,289	1,966,326,666
2006 (4)	1,180,515,800	276,822,073	35,212,565	50,947,774	40,143	1,543,538,355
2005	1,152,721,350	148,838,075	26,230,035	51,768,150	61,131	1,379,618,741
2004	1,129,510,700	151,925,285	40,227,075	55,715,193	48,915	1,377,427,168
2003	998,697,750	144,003,465	41,513,060	48,312,800	73,511	1,232,600,586
2002	870,283,100	137,775,946	39,588,085	57,184,003	41,019	1,104,872,153
2001	857,631,900	134,560,206	32,691,850	59,136,499	104,355	1,084,124,810
2000	843,206,716	123,839,996	31,166,050	58,748,690	95,379	1,057,056,831
1999	971,722,532	110,071,802	39,898,840	58,602,018	143,341	1,180,438,533

(1) Assessment at 100% of value.

(2) County began semi-annual billing in 1998 for real estate. Accordingly, the levies and collections for the year 1998 include those for calendar year 1997 and the first half of 1998.

(3) Prior to 2000, assessments for real estate values include nontaxable property.

(4) 2006 was the first year the County implemented semi-annual billing for personal property.

Property Tax Rates (1)  
Last Ten Fiscal Years

Fiscal Years	Real Estate/ Mobile Homes (2)	Personal Property	Machinery and Tools/ Motor Carrier	Farm Machinery
2008	\$ 0.48	\$ 3.90	\$ 2.00	0.30
2007	0.67/0.48	3.00/3.90	2.00	0.60/0.30
2006	0.67	3.00	2.00	0.60
2005	0.67	3.00	2.00	0.60
2004	0.67	3.00	2.00	0.60
2003	0.74/0.67	3.00	2.00	0.60
2002	0.74	3.00	2.00	0.60
2001	0.74	3.00	2.00	0.60
2000	0.54/0.74	2.25	1.25	0.30
1999	0.54	2.25	1.25	0.30

(1) Per \$100 of assessed value.

(2) The rates shown are for the second half/first half of 1999/2000; 2002/2003; 2006/2007. All other years the rates remained consistent throughout the fiscal year.

Ratio of Net General Bonded Debt to  
Assessed Value and Net Bonded Debt Per Capita  
Last Ten Fiscal Years

Fiscal Year	Population (1)	Assessed Value (in thousands) (2)	Gross Bonded Debt (3)	Ratio of Net Bonded Debt to Assessed Value	Net Bonded Debt per Capita
2008	\$ 23,177	\$ 2,513,734,207	\$ 70,872,719	2.82%	\$ 3,057.89
2007	23,177	1,966,326,666	57,653,918	2.93%	2,487.55
2006	23,177	1,543,538,355	14,429,005	0.93%	622.56
2005	23,177	1,379,618,741	14,236,867	1.03%	614.27
2004	23,177	1,377,427,168	4,758,933	0.35%	205.33
2003	23,177	1,232,600,586	5,865,000	0.48%	253.05
2002	23,177	1,104,872,153	4,840,000	0.44%	208.83
2001	23,177	1,084,124,810	5,871,259	0.54%	253.32
2000	23,000	1,057,056,831	5,142,854	0.49%	223.60
1999	23,000	1,180,438,533	4,965,000	0.42%	215.87

(1) Bureau of the Census.

(2) From Table 6.

(3) Includes all long-term general obligation bonded debt and Literary Fund Loans.  
Excludes revenue bonds, capital leases, compensated absences.



Ratio of Annual Debt Service Expenditures for General Bonded  
Debt to Total General Governmental Expenditures (1)  
Last Ten Fiscal Years

Fiscal Year	Principal (4)	Interest	Total Debt Service	Total General Governmental Expenditures	Ratio of Debt Service to General Governmental Expenditures
2008	\$ 888,384	\$ 2,473,509	\$ 3,361,893	\$ 57,018,245	5.90%
2007	649,837	796,643	1,446,480	52,514,174	2.75%
2006	599,369	516,495	1,115,864	58,513,098	1.91%
2005	606,826	269,494	876,320	43,659,999	2.01%
2004	615,018	289,842	904,860	39,669,417	2.28%
2003	663,283	273,385	936,668	36,823,254	2.54%
2002	1,153,108	499,135	1,652,243	36,921,960	4.47%
2001	854,907	453,452	1,308,359	37,587,268	3.48%
2000	843,766	370,716	1,214,482	35,289,486	3.44%
1999	645,000	321,704	966,704	33,333,535	2.90%

(1) Includes General Obligation Bonds, State Literary Fund Loans, and Capital Leases.

(2) Excludes bond issuance and other costs.

(3) Includes General and Special Revenue Funds of the Primary Government and Discretely Presented Component Unit - School Board.

(4) Does not include \$10,000,000 loan paid off with 2006 bond issue.

# COMPLIANCE

# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

### TO THE HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS COUNTY OF PAGE, VIRGINIA

We have audited the financial statements of the governmental activities, the aggregate discretely presented component units, each major fund and the aggregate remaining fund information of the County of Page, Virginia as of and for the year ended June 30, 2008, which collectively comprise the County of Virginia's basic financial statements and have issued our report thereon dated December 4, 2008. We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the *Specifications for Audits of Counties, Cities, and Towns* issued by the Auditor of Public Accounts of the Commonwealth of Virginia; and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

#### **Internal Control Over Financial Reporting:**

In planning and performing our audit, we considered the County of Page, Virginia's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of County of Page, Virginia's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the County of Page, Virginia's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the County of Page, Virginia's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the County of Page, Virginia's financial statements that is more than inconsequential will not be prevented or detected by the County of Page, Virginia's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the County of Page, Virginia's internal control.

Our consideration of the internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

#### **Compliance and Other Matters:**

As part of obtaining reasonable assurance about whether the County of Page, Virginia's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

We noted certain matters that we reported to management of the County of Page, Virginia in a separate letter dated December 4, 2008.

This report is intended solely for the information and use of management, the Board of Supervisors, others within the entity, and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

*Robinson, Farmer, & Associates*

Verona, Virginia  
December 4, 2008

# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## REPORT ON COMPLIANCE WITH REQUIREMENTS APPLICABLE TO EACH MAJOR PROGRAM AND INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133

### TO THE HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS COUNTY OF PAGE, VIRGINIA

#### Compliance

We have audited the compliance of the County of Page, Virginia with the types of compliance requirements described in the *U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement* that are applicable to each of its major federal programs for the year ended June 30, 2008. The County of Page, Virginia's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the County of Page, Virginia's management. Our responsibility is to express an opinion on the County of Page, Virginia's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the County of Page, Virginia's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of the County of Page, Virginia's compliance with those requirements.

In our opinion, the County of Page, Virginia complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2008.

#### Internal Control Over Compliance

The management of the County of Page, Virginia is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts and grants applicable to federal programs. In planning and performing our audit, we considered the County of Page, Virginia's internal control over compliance with requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the County of Page, Virginia's internal control over compliance.

A *control deficiency* in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A *significant deficiency* is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A *material weakness* is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by entity's internal control.

Our consideration of the internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of management, the Board of Supervisors, others within the entity, and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

*Robinson, Farmer, & Associates*

Verona, Virginia  
December 4, 2008

COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards

Primary Government and Discretely Presented Component Unit School Board

Year Ended June 30, 2008

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
<b><u>PRIMARY GOVERNMENT:</u></b>		
Department of Agriculture:		
Pass Through Payments:		
Virginia Department of Agriculture		
and Consumer Services:		
Community facilities loan	10.766 \$	172,260
Department of Social Services:		
State Adm Matching Grants - Food Stamps	10.561	234,888
Total Department of Agriculture	\$	407,148
Department of Health and Human Services:		
Pass Through Payments:		
Department of Social Services:		
Temporary Assistance to Needy Families	93.558 \$	156,748
Refugee & Entrant Assistance - State Adm	93.566	832
Low-Income Home Energy Assistance	93.568	3,916
Foster Care - Title IV-E	93.658	109,787
Adoption Assistance	93.659	32,138
Child Welfare Services	93.645	1,107
Social Services Block Grant	93.667	194,056
Independent Living	93.674	4,314
Family Preservation and Support	93.556	32,569
Medical Assistance program (Title XIX)	93.778	161,528
Payments to States for Child Care Assistance	93.575	100,185
Admin FAMIS	93.767	8,752
CHAFEE Education and Training Vouchers Program	93.599	2,073
Child Care and Development Fund	93.596	73,141
Total Department of Health and		
Human Services	\$	881,146
Department of the Interior:		
Direct Payments:		
Bureau of Land Management:		
Payment in Lieu of Taxes	12.112 \$	83,262

COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards (Continued)  
 Primary Government and Discretely Presented Component Unit School Board  
 Year Ended June 30, 2008

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
U.S. Department of Justice:		
Pass Through Payments:		
Department of Criminal Justice Services:		
Bullet proof vest grant	16.607 \$	2,832
Local law enforcement block grant	16.592	4,911
Terrorism prevention	16.000	2,600
Victim witness assistance grant	16.575	36,677
Asset seizure proceeds	16.000	837
Byrne grant	16.580	36,106
BJA Sheriff grant	16.738	16,939
Community oriented police grant	16.000	13,777
Total Department of Criminal Justice Services		\$ 114,679
Department of Transportation:		
Pass Through Payments:		
Department of Motor Vehicles:		
State and community highway safety program	20.600 \$	23,221
Total Primary Government		\$ 1,509,456
<b><u>COMPONENT UNIT SCHOOL BOARD:</u></b>		
Department of Agriculture:		
Pass Through Payments:		
Department of Education:		
School breakfast program	10.553 \$	149,704
National school lunch program	10.555	583,543
Department of Agriculture:		
Food distribution-school lunch	10.555	116,871
Forest Reserve Funds	10.665	16,082
Total Department of Agriculture		\$ 866,200



COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards (Continued)  
 Primary Government and Discretely Presented Component Unit School Board  
 Year Ended June 30, 2007

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
Department of Education:		
Pass Through Payments:		
Department of Education:		
Adult Basic Education	84.002 \$	88,097
Title I	84.010	634,880
School improvement	84.000	19,973
AP grant	84.330	689
Education technology	84.318	6,981
Title VI-B:		
Handicapped - state grants	84.027	730,938
Preschool Incentive grant	84.173	20,301
Vocational Education:		
Basic grants to states	84.048	68,255
Title II Part A	84.367	174,669
Title V	84.298	14,616
Drug free schools and communities	84.186	20,925
REMS grant	84.184	9,140
Literacy Challenge Grant	84.318	62,756
Total Department of Education		\$ 1,852,220
Corporation for National and Community Services:		
Pass Through Payments:		
Department of Education:		
Learn and serve-National Community Services Act	94.004 \$	15,276
Total Department of Labor		\$ 15,276
Total Component Unit School Board		\$ 2,733,696

NOTE A-BASIS OF PRESENTATION

The accompanying schedule of federal expenditures includes the federal grant activity of the County of Page, Virginia and is presented on the accrual basis of accounting. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

NOTE B-FOOD DISTRIBUTION

Nonmonetary assistance is reported in the schedule at the fair market value of the commodities received and disbursed. At June 30, 2008, the County had food commodities totaling \$42,683 in inventory.

COUNTY OF PAGE, VIRGINIA

Schedule of Findings and Questioned Costs  
For the Year Ended June 30, 2008

Section I-Summary of Auditors' Results

Financial Statements

Type of auditors' report issued unqualified

Internal control over financial reporting:

- Material weaknesses identified?     yes   x   no

- Significant deficiencies identified that are not considered to be material weaknesses?     yes   x   none reported

Non compliance material to financial statements noted?

Federal Awards

Internal control over major programs: unqualified

- Material weaknesses identified?     yes   x   no

- Significant deficiencies identified that are not considered to be material weaknesses?     yes   x   no

Type of auditors' report issued on compliance for major programs: unqualified

Any audit findings disclosed that are required to be reported in accordance with section 510(a) of Circular A-133?     yes   x   no

Identification of major programs:

CFDA Numbers

Name of Federal Program or Cluster

10.551 ..... Food Stamps

93.658 ..... Foster Care Title IV-E

**Special Education Cluster:**

84.027 ..... Title VI-B Handicapped Grants

84.173 ..... Title VI-B Preschool Incentive Grant

**Nutrition Cluster:**

10.553 ..... School Breakfast Program

10.555 ..... National School Lunch Program

10.555 ..... Food Distribution

Dollar threshold used to distinguish between type A and type B programs: \$300,000

Auditee qualified as low-risk auditee?   x   yes     no

Section II-Financial Statement Findings

None

Section III-Federal Award Findings and Questioned Costs

None

**COUNTY OF PAGE, VIRGINIA**

**FINANCIAL REPORT**

**YEAR ENDED JUNE 30, 2008**

COUNTY OF PAGE, VIRGINIA  
FINANCIAL REPORT  
FISCAL YEAR ENDED JUNE 30, 2008

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Table of Contents

	<u>Page</u>
<b>INTRODUCTORY SECTION</b>	
Directory of Principal Officials .....	i
Organizational Chart .....	ii
Independent Auditors' Report .....	1-2
Management's Discussion and Analysis .....	3-8
<b>Basic Financial Statements:</b>	
Government—wide Financial Statements	
Exhibit 1    Statement of Net Assets .....	9
Exhibit 2    Statement of Activities .....	10-11
Fund Financial Statements	
Exhibit 3    Balance Sheet — Governmental Funds .....	12
Exhibit 4    Reconciliation of the Balance Sheet of Governmental Funds to the Statement of Net Assets .....	13
Exhibit 5    Statement of Revenues, Expenditures, and Changes in Fund Balances Governmental Funds .....	14
Exhibit 6    Reconciliation of Statement of Revenues, Expenditures, and Changes in Fund Balances Governmental Funds to the Statement of Activities .....	15
Exhibit 7    Statement of Fiduciary Net Assets — Fiduciary Funds .....	16
Notes to Financial Statements .....	17-41
<b>Required Supplementary Information:</b>	
Exhibit 8    General Fund — Schedule of Revenues, Expenditures, and Changes in Fund Balances — Budget and Actual .....	42
Exhibit 9    Schedule of Pension Funding Progress .....	43
<b>Other Supplementary Information:</b>	
Exhibit 10   Capital Projects Fund — Schedule of Revenues, Expenditures, and Changes In Fund Balances — Budget and Actual .....	44
Exhibit 11   Combining Balance Sheet — Nonmajor Special Revenue Funds .....	45
Exhibit 12   Combining Statement of Revenues, Expenditures, and Changes in Fund Balances — Nonmajor Special Revenue Funds .....	46
Exhibit 13   Combining Schedule of Revenues, Expenditures and Changes in Fund Balances — Budget and Actual — Nonmajor Special Revenue Funds .....	47-50
Exhibit 14   Combining Statement of Fiduciary Net Assets — Fiduciary Funds .....	51
Exhibit 15   Combining Statement of Changes in Assets and Liabilities — Agency Funds .....	52
Exhibit 16   Combining Balance Sheet — Discretely Presented Component Unit — School Board .....	53

## Table of Contents (continued)

### Page

#### Other Supplementary Information: (Continued)

Exhibit 17	Combining Statement of Revenues, Expenditures, and Changes in Fund Balances — Governmental Funds — Discretely Presented Component Unit — School Board .....	54
Exhibit 18	Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances — Budget and Actual — Discretely Presented Component Unit — School Board .....	55-56
Exhibit 19	Statement of Net Assets — Proprietary Funds-Discretely Presented Component Unit — School Board .....	57
Exhibit 20	Statement of Revenues, Expenditures, and Changes in Fund Net Assets — Proprietary Funds-Discretely Presented Component Unit — School Board ...	58
Exhibit 21	Statement of Cash Flows — Proprietary Funds-Discretely Presented Component Unit — School Board .....	59

#### Supporting Schedules and Tables

Schedule 1	Schedule of Revenues — Budget and Actual — Governmental Funds .....	60-64
Schedule 2	Schedule of Expenditures — Budget and Actual — Governmental Funds .....	65-69
Table 1	Government-Wide Expenses by Function .....	70-71
Table 2	Government-Wide Revenues by Function .....	72-73
Table 3	General Governmental Expenditures by Function — Last Ten Fiscal Years ...	74-75
Table 4	General Governmental Revenues by Source — Last Ten Fiscal Years .....	76-77
Table 5	Property Tax Levies and Collections — Last Ten Fiscal Years .....	78
Table 6	Assessed Value of Taxable Property — Last Ten Fiscal Years .....	79
Table 7	Property Tax Rates — Last Ten Fiscal Years .....	80
Table 8	Ratio of Net General Bonded Debt to Assessed Value and Net Bonded Debt Per Capita — Last Ten Fiscal Years .....	81
Table 9	Ratio of Annual Debt Service Expenditures for General Bonded Debt to Total General Governmental Expenditures — Last Ten Fiscal Years .....	82

#### Compliance

Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards .....	83-84
Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control over Compliance in Accordance with OMB Circular A-133 .....	85-86
Schedule of Expenditures of Federal Awards .....	87-89
Schedule of Findings and Questioned Costs .....	90

COUNTY OF PAGE, VIRGINIA

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BOARD OF SUPERVISORS

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Tommy R. LaFrance, Chairman  
Gerald M. Cabbage, Vice-Chairman

J.D. Cave  
Larry Sours

Charles M. Hoke  
Carol L. Fisher-Strickler

Mark Belton, County Administrator

OFFICIALS

---

Judge of the Circuit Court .....	James V. Lane
Judge of the General District Court .....	W. Dale Houff
Judge of the Juvenile & Domestic Relations District Court .....	William W. Sharp
Clerk of the Circuit Court .....	Ron Wilson
Commonwealth's Attorney .....	John T. Hennessy
Commissioner of the Revenue .....	Charles L. Campbell
Treasurer .....	C. R. Suddith, Jr.
Sheriff .....	Daniel W. Presgraves
Superintendent of Schools .....	Randall W. Thomas
Director of Department of Social Services .....	Peter J. Creaturo

SCHOOL BOARD

---

Larry W. Foltz, Chairman

Randy J. Bailey, Vice Chairman  
Melissa S. Deibert

Sharon K. Lucas  
C. L. Tomney

Barbara Stombeck, Clerk

FINANCE BOARD

---

Members, Page County Board of Supervisors  
C. R. Suddith, Jr.

BOARD OF SOCIAL SERVICES

---

Louise Kyger, Chairman

Gerald M. Cabbage  
Penny Good

Fred Fielding  
Jeanette Painter

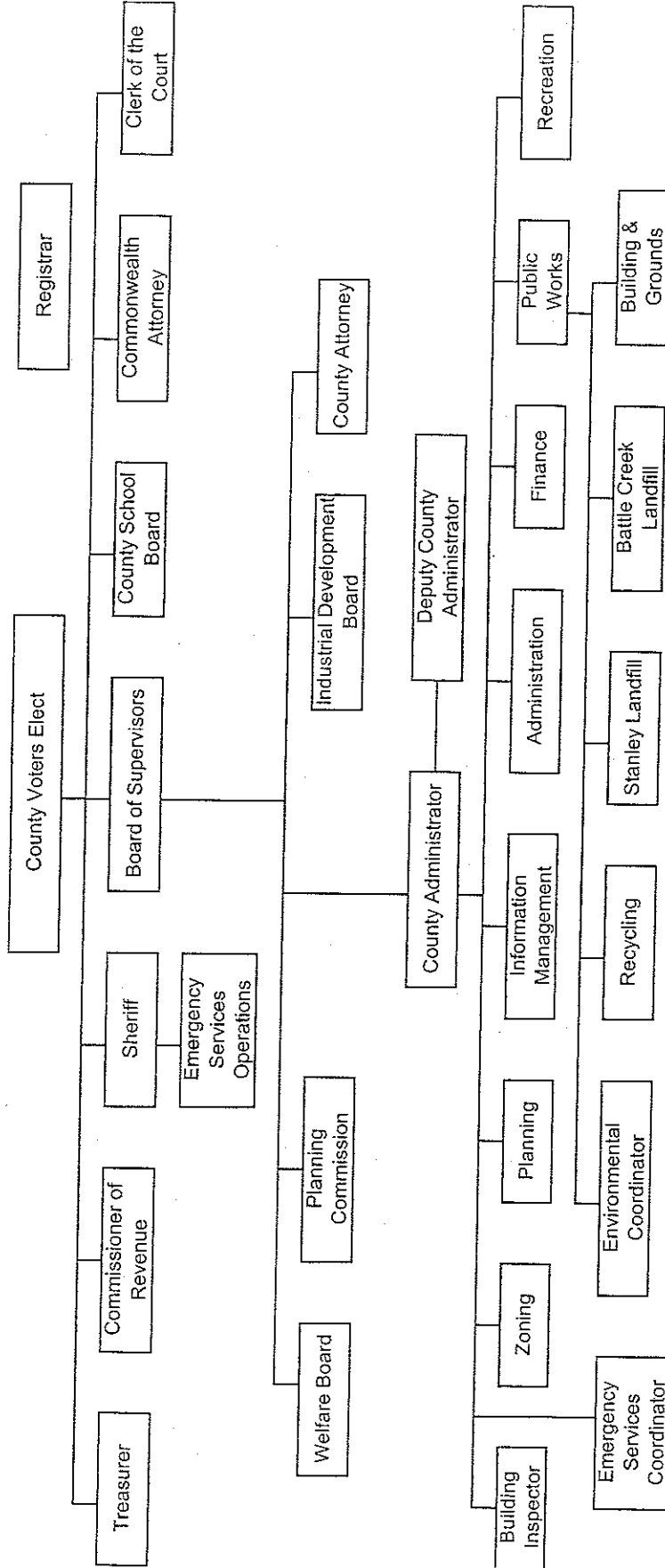
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State Regional Agencies

Health Department  
Regional Library  
Extension Service  
Registrar  
Commonwealth Attorney  
Clerk of the Court

County of Page  
Organization Chart

Fiscal Year 2008



# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## INDEPENDENT AUDITORS' REPORT

### TO THE HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS COUNTY OF PAGE, VIRGINIA

We have audited the accompanying financial statements of the governmental activities, the aggregate discretely presented component units, each major fund and the aggregate remaining fund information of the County of Page, Virginia, as of and for the year ended June 30, 2008, which collectively comprise the County's basic financial statements as listed in the table of contents. These financial statements are the responsibility of the County of Page, Virginia's management. Our responsibility is to express opinions on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the *Specifications for Audits of Counties, Cities, and Towns*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinions.

In our opinion the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the discretely presented component unit, each major fund, and the aggregate remaining fund information of the County of Page, Virginia, as of June 30, 2008, and the respective changes in financial position and cash flows, where applicable, thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 4, 2008 on our consideration of the County of Page, Virginia's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Governmental Auditing Standards* and important for assessing the results of our audit.

The Management's Discussion and Analysis as listed in the table of contents, is not a required part of the basic financial statements, but is supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.



Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the County of Page, Virginia's basic financial statements. The introductory section, other supplementary information, supporting schedules and statistical tables as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*, and is also not a required part of the basic financial statements of the County of Page, Virginia. Other supplementary information, supporting schedules, budgetary comparison schedules, and the schedule of expenditures of federal awards have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, are fairly stated, in all material respects, in relation to the basic financial statements taken as a whole. The introductory section and statistical tables have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

*Robinson, Farmer, Cox Associates*

Verona, Virginia  
December 4, 2008

## Management's Discussion and Analysis

The following is a narrative overview and analysis of the financial activities of the County of Page, Virginia for the fiscal year ended June 30, 2008.

### **Financial Highlights**

The assets of the County of Page, Virginia exceeded its liabilities at the close of the most recent fiscal year by \$6,977,527. Of this amount, \$3,066,602 is unrestricted. The School Board's net assets were \$11,110,986 of which \$886,465 is unrestricted.

At the end of the fiscal year, unreserved fund balance for the general fund was \$8,361,698.

As of the close of the current fiscal year, the County's governmental funds reported combined ending fund balances of \$41,167,398 a decrease of \$14,102,142 in comparison with the prior year. \$8,557,719 is available for spending at the government's discretion (unreserved fund balance).

### **Overview of the Financial Statements**

This discussion and analysis is intended to serve as an introduction to the County's basic financial statements. These statements are comprised of three components: 1) government wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Local governmental accounting and financial reporting originally focused on funds that were designed to enhance and demonstrate fiscal accountability, now to be accompanied by government-wide financial statements, the objective of operational accountability will also be met. These objectives will provide financial statement users with both justifications from the government that public monies have been used to comply with public decisions and as to whether operating objectives have been met efficiently and effectively and can continue to be met in the future.

### **Government-wide Financial Statements**

Government-wide financial statements provide financial statement users with a general overview of County finances. The statements include all assets and liabilities using the accrual basis of accounting. All current year revenue and expenses are taken into account regardless of when cash is received or paid. Both the financial overview and accrual accounting factors are used in the reporting of a private-sector business. Two financial statements are used to present this information: 1) the statement of net assets and 2) the statement of activities.

The statement of net assets presents all of the County's permanent accounts, or assets, liabilities and net assets. The difference between assets and liabilities is reported as net assets. Increases or decreases in net assets may serve as a useful indicator of whether the financial position of the County is improving or deteriorating. Other non-financial factors will also need to be considered to determine the overall financial position of the County.

The statement of activities presents information showing how the government's net assets changed during the fiscal year. The statement is focused on the gross and net cost of various governmental functions that are supported by general tax and other revenue. The statement of activities presents expenses before revenues, emphasizing that in government revenues are generated for the express purpose of providing services and not as an end unto itself.

Both government-wide financial statements separate governmental activities and business-type activities of the County. Taxes and intergovernmental revenues principally support governmental activities. They include general government administration; judicial administration; public safety; public works; health and welfare; parks, recreation and cultural; and community development. Business-type activities recover all or a significant portion of their costs through user fees and charges. The County currently shows no business-type activities.

The government-wide financial statements include, in addition to the primary government or County, two component units; the Page County School Board and the Page County EDA. Although the component units are legally separate entities, the County is financially accountable for them. A primary government is accountable for an organization if the primary government appoints a majority of the organization's governing body. A primary government is financially accountable if, in addition, either the government is able to impose its will on the organization or the organization is capable of imposing specific financial burdens on the primary government. For example, the primary government may approve debt issuance, rate structure and/or provide significant funding for operations of the component unit.

### **Fund Financial Statements**

The fund financial statements will be more familiar to past financial statement users. The only difference from prior year presentation of the fund statements is that only major, or significant, funds will be presented. A fund is a group of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. Fund accounting is used to ensure and demonstrate compliance with finance related legal requirements. The County's funds can be divided into three categories: governmental funds, proprietary funds, and fiduciary funds.

#### **Governmental Funds**

Governmental funds are used to account for essentially the same functions, or services, reported as governmental activities in the government-wide financial statements. Whereas the government-wide financial statements are prepared on the accrual basis of accounting, the governmental fund financial statements are prepared on the modified accrual basis of accounting. The focus of modified accrual reporting is on near-term inflows and outflows of financial resources and the balance of financial resources available at the end of the fiscal year. Since the governmental funds focus is narrower than that of the government-wide financial statements, a reconciliation of the two methods is provided in Exhibits 4 & 6 in this report.

#### **Proprietary Funds**

There are two types of proprietary funds: enterprise funds which are established to account for the delivery of goods and services to the general public and internal service funds which account for the delivery of goods and services to other departments or agencies of the government. Proprietary funds use the accrual basis of accounting, similar to private sector business.

The County of Page has one internal service fund: Health Insurance Fund. The Health Insurance Fund accounts for insurance premiums paid by the School Board for all departments. Individual fund data for the internal funds is provided in Exhibits 19-21 in this report.

#### **Fiduciary Funds**

Fiduciary funds account for assets held by the government as a trustee or agent for another organization or individual. The County is responsible for ensuring that the assets reported in these funds are used for their intended purposes. Fiduciary funds are not reflected in the government-wide financial statement because the funds are not available to support the County's own activities.

## Notes to the Financial Statements

The notes provide additional information that is needed to fully understand the data provided in the government-wide and fund financial statements.

### Government-wide Financial Analysis

As previously noted, net assets may serve as a useful indicator of a government's financial position. The Page County's assets exceeded its liabilities by \$6,977,527 at fiscal year end.

The County's net assets are divided into three categories: (1) invested in capital assets, net of related debt; (2) restricted; and (3) unrestricted.

#### **COUNTY OF PAGE'S NET ASSETS**

	Governmental Activities	
	2008	2007
Current and other assets	\$ 51,330,522	\$ 60,326,882
Capital assets	39,705,242	8,589,271
Total assets	<u>\$ 91,035,764</u>	<u>\$ 68,916,153</u>
Long-term liabilities	\$ 74,473,746	\$ 61,258,012
Other liabilities	9,584,491	5,052,671
Total liabilities	<u>\$ 84,058,237</u>	<u>\$ 66,310,683</u>
Net assets:		
Invested in capital assets, net of related debt	\$ 3,762,389	\$ 3,923,675
Restricted	148,536	74,268
Unrestricted	3,066,602	(1,392,473)
Total net assets	<u>\$ 6,977,527</u>	<u>\$ 2,605,470</u>

The County uses these capital assets to provide services to citizens; therefore, these assets are not available for future spending. Although the County's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

Restricted net assets represent resources that are subject to external restrictions on how they may be used. All \$148,536 of these net assets are reserved for debt service and bond covenants.

The remaining balance of unrestricted net assets, which is \$3,066,602, may be used to meet the ongoing obligations to citizens and creditors.

At the end of the fiscal year, the County is able to report positive balances in all of the three categories of net assets.

## Governmental Activities

Governmental activities have increased the County's net assets by \$4,372,057 due in large part to the increase in personal property tax rates and real estate reassessments. Key elements of this increase are as follows:

### **COUNTY OF PAGE'S CHANGES IN NET ASSETS**

**For the Year Ended June 30, 2008**

	Governmental Activities	
	2008	2007
<b><u>Revenues:</u></b>		
Program revenues:		
Charges for services	\$ 1,315,729	\$ 1,552,118
Operating grants & contributions	9,810,934	6,825,546
General revenues:		
General property taxes	17,042,154	14,274,262
Other local taxes	3,323,138	3,439,730
Use of money & property	2,214,449	2,054,348
Miscellaneous	192,889	113,272
Grants and cont. not restricted	1,840,840	1,858,734
Total revenues	\$ 35,740,133	\$ 30,118,010
<b><u>Expenses:</u></b>		
General government	\$ 2,594,416	\$ 2,721,418
Judicial administration	1,127,851	1,031,210
Public safety	6,465,844	6,326,121
Health and welfare	5,124,721	5,010,637
Education	9,152,036	8,012,794
Parks, recreation and cultural	361,870	355,263
Community development	1,167,563	843,537
Public works	2,632,231	2,284,169
Interest on long-term debt	2,741,544	2,057,773
Total expenses	\$ 31,368,076	\$ 28,642,922
Changes in net assets	\$ 4,372,057	\$ 1,475,088
Net assets, July 1, 2007	2,605,470	1,130,382
Net assets, June 30, 2008	\$ 6,977,527	\$ 2,605,470

## Financial Analysis of the Government's Funds

As earlier mentioned, the County uses fund accounting to ensure and demonstrate compliance with finance-related requirements.

## Governmental Funds

The focus of the County's governmental funds is to provide information on near-term inflows, outflows, and balances of financial resources. Such information is useful in assessing the County's financing requirements. Unreserved fund balances may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

At the year end, the County's governmental funds reported combined ending fund balances of \$41,167,398, a decrease of \$14,102,142 over the prior year. \$148,536 is reserved to indicate that it is not available for new spending because it has already been committed to bond conveyance for the USDA loan for improvements to Battlecreek Landfill.

The general fund is the chief operating fund of the County. As of June 30, 2008, the unreserved and total fund balance was \$8,463,311.

## General Fund Budgetary Highlights

Differences between the original expenditure budgeted appropriations and the final amended budgeted appropriations totaled \$24,480. The receipt of additional state and federal grants for various operating areas accounted for over much of the budget increase.

## Capital Asset and Debt Administration

### Capital Assets

Investments in capital assets may be made in five different categories, which include land, buildings, and major subsystems, machinery and equipment, infrastructure or construction in process.

### COUNTY OF PAGE, VIRGINIA CAPITAL ASSETS FOR GOVERNMENTAL ACTIVITIES (Net of Depreciation)

	Governmental Activities	
	2008	2007
Land	\$ 2,149,464	\$ 1,549,464
Buildings and system	3,193,349	4,277,390
Machinery and equip	1,260,641	1,519,571
Construction in progress	33,101,788	1,242,846
Totals	\$ 39,705,242	\$ 8,589,271

Additional information on the County's assets can be found in the notes to the financial statements.

Long-term debt: At fiscal year ended the County had the following outstanding debt:

**COUNTY OF PAGE'S OUTSTANDING DEBT**  
**For Year Ended June 30, 2008**

	Governmental Activities	
	2008	2007
General Obligation Bonds	\$ 70,025,394	\$ 57,017,307
Revenue notes	620,667	682,733
Landfill closure/post closure	2,537,004	2,416,429
Premiums on bond issuance	847,325	636,611
Compensated absences	347,958	316,915
Note payable	95,398	188,017
Totals	<u>\$ 74,473,746</u>	<u>\$ 61,258,012</u>

Additional information on the County's long-term debt can be found in the notes to the financial statements.

**Economic Factors and Next Year's Budgets**

The December unemployment rate for the County is 6.1 percent, which is greater than the rate a year ago. This is very high in comparison with the state's average of 4.2 percent and similar to the national average of 6.5 percent. These factors will be considered when preparing the County's budget for the 2009 fiscal year.

**Requests for Information**

This financial report is designed to provide readers with a general overview of the County of Page's finances. Questions concerning any of the information provided in this report or requests for additional financial information may be addressed to: Finance Department, 117 South Court Street, Luray, Virginia, 22835.

## BASIC FINANCIAL STATEMENTS



# GOVERNMENT-WIDE FINANCIAL STATEMENTS

Statement of Net Assets  
June 30, 2008

	Primary Government	Component Unit	Component Unit
	Governmental Activities	School Board	Economic Development Authority
<b>ASSETS</b>			
Cash and cash equivalents	\$ 47,631,241	\$ 997,402	\$ 49,726
Receivables (net of allowance for uncollectibles):			
Taxes receivable	2,005,468	-	-
Accounts receivable	297,377	58,094	96,294
Due from primary government	-	1,941,074	-
Due from other governmental units	1,247,900	820,196	-
Inventories	-	42,683	-
Prepaid expenses	-	498,235	-
Restricted assets:			
Temporarily restricted:			
Cash and cash equivalents	148,536	-	-
Capital assets (net of accumulated depreciation):			
Land	2,149,464	885,591	-
Buildings and improvements	3,193,349	7,151,100	-
Machinery and equipment	1,260,641	588,610	-
Construction in progress	33,101,788	1,599,220	-
Total assets	\$ 91,035,764	\$ 14,582,205	\$ 146,020
<b>LIABILITIES</b>			
Accounts payable	\$ 4,388,457	\$ 188,460	\$ -
Accrued liabilities	209,227	3,157,674	-
Customers' deposits	1,505,170	-	-
Accrued interest payable	1,073,833	-	-
Due to component unit	1,941,074	-	-
Unearned revenue	466,730	-	-
Long-term liabilities:			
Due within one year	1,955,386	-	-
Due in more than one year	72,518,360	125,085	-
Total liabilities	\$ 84,058,237	\$ 3,471,219	\$ -
<b>NET ASSETS</b>			
Invested in capital assets, net of related debt	\$ 3,762,389	\$ 10,224,521	\$ -
Restricted for:			
Debt service and bond covenants	148,536	-	-
Unrestricted (deficit)	3,066,602	886,465	146,020
Total net assets	\$ 6,977,527	\$ 11,110,986	\$ 146,020

The notes to the financial statements are an integral part of this statement.

County of Page, Virginia

Statement of Activities  
For the Year Ended June 30, 2008

Functions/Programs	Expenses	Program Revenues			
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	
<b>PRIMARY GOVERNMENT:</b>					
Governmental activities:					
General government administration	\$ 2,594,416	\$ 30,982	\$ 3,012,197	\$ -	\$ -
Judicial administration	1,127,851	89,135	599,486	-	-
Public safety	6,465,844	194,985	2,797,968	-	-
Public works	2,632,231	650,984	-	-	-
Health and welfare	5,124,721	5,627	3,401,283	-	-
Education	9,152,036	-	-	-	-
Parks, recreation, and cultural	361,870	43,420	-	-	-
Community development	1,167,563	300,596	-	-	-
Interest on long-term debt	2,741,544	-	-	-	-
Total governmental activities	<u>\$ 31,368,076</u>	<u>\$ 1,315,729</u>	<u>\$ 9,810,934</u>	<u>\$ -</u>	<u>\$ -</u>
Total primary government	<u>\$ 31,368,076</u>	<u>\$ 1,315,729</u>	<u>\$ 9,810,934</u>	<u>\$ -</u>	<u>\$ -</u>
<b>COMPONENT UNITS:</b>					
School Board	\$ 34,640,718	\$ 2,041,502	\$ 23,723,589	\$ 151,763	\$ -
Economic Development Authority	224,097	10,953	240,431	-	-
Total component units	<u>\$ 34,864,815</u>	<u>\$ 2,052,455</u>	<u>\$ 23,964,020</u>	<u>\$ 151,763</u>	<u>\$ -</u>
General revenues:					
General property taxes					
Local sales tax					
Motor vehicle licenses					
Transient occupancy taxes					
Meals tax					
Tax on recordation and wills					
Other local taxes					
Unrestricted revenues from use of money and property					
Miscellaneous					
Grants and contributions not restricted to specific programs					
Total general revenues					
Change in net assets					
Net assets - beginning					
Net assets - ending					

The notes to the financial statements are an integral part of this statement.

Exhibit 2

	Net (Expense) Revenue and Changes in Net Assets			
	Primary Government		Component Unit	Component Unit
	Governmental Activities	Total	School Board	EDA
	\$ 448,763	\$ 448,763	\$ -	\$ -
	(439,230)	(439,230)	-	-
	(3,472,891)	(3,472,891)	-	-
	(1,981,247)	(1,981,247)	-	-
	(1,717,811)	(1,717,811)	-	-
	(9,152,036)	(9,152,036)	-	-
	(318,450)	(318,450)	-	-
	(866,967)	(866,967)	-	-
	(2,741,544)	(2,741,544)	-	-
	<u>\$ (20,241,413)</u>	<u>\$ (20,241,413)</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>\$ (20,241,413)</u>	<u>\$ (20,241,413)</u>	<u>\$ -</u>	<u>\$ -</u>
	\$ -	\$ -	(8,723,864)	\$ -
'63	-	-	-	27,287
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (8,723,864)</u>	<u>\$ 27,287</u>
'63				
	\$ 17,042,154	\$ 17,042,154	\$ -	\$ -
	1,368,668	1,368,668	-	-
	312,240	312,240	-	-
	400,633	400,633	-	-
	268,268	268,268	-	-
	211,949	211,949	-	-
	761,380	761,380	-	-
	2,214,449	2,214,449	496	5,054
	192,889	192,889	-	-
	1,840,840	1,840,840	9,135,993	-
	<u>24,613,470</u>	<u>\$ 24,613,470</u>	<u>\$ 9,136,489</u>	<u>\$ 5,054</u>
	<u>4,372,057</u>	<u>\$ 4,372,057</u>	<u>\$ 412,625</u>	<u>\$ 32,341</u>
	<u>2,605,470</u>	<u>2,605,470</u>	<u>10,698,361</u>	<u>113,679</u>
	<u>6,977,527</u>	<u>\$ 6,977,527</u>	<u>\$ 11,110,986</u>	<u>\$ 146,020</u>

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## FUND FINANCIAL STATEMENTS

Balance Sheet  
Governmental Funds  
June 30, 2008

	General	Capital Projects Fund	Other Governmental Funds	Total
<b>ASSETS</b>				
Cash and cash equivalents	\$ 9,767,491	\$ 37,747,953	\$ 115,797	\$ 47,631,241
Receivables (net of allowance for uncollectibles):				
Taxes receivable	2,005,468	-	-	2,005,468
Accounts receivable	193,733	-	103,644	297,377
Due from other funds	281,111	-	-	281,111
Due from other governmental units	877,614	-	370,286	1,247,900
Restricted assets:				
Temporarily restricted:				
Cash and cash equivalents	-	148,536	-	148,536
Total assets	\$ 13,125,417	\$ 37,896,489	\$ 589,727	\$ 51,611,633
<b>LIABILITIES AND FUND BALANCES</b>				
Liabilities:				
Accounts payable	\$ 404,474	\$ 3,781,640	\$ 202,343	\$ 4,388,457
Accrued liabilities	197,362	-	11,865	209,227
Retainage payable	-	1,505,170	-	1,505,170
Due to other funds	-	-	281,111	281,111
Due to component unit	1,941,074	-	-	1,941,074
Unearned revenue	2,119,196	-	-	2,119,196
Total liabilities	\$ 4,662,106	\$ 5,286,810	\$ 495,319	\$ 10,444,235
Fund balances:				
Reserved for:				
Debt service	\$ -	\$ 148,536	\$ -	\$ 148,536
Unreserved, reported in:				
General fund	8,361,698	-	-	8,361,698
Designated	101,613	-	94,408	196,021
Capital projects funds	-	32,461,143	-	32,461,143
Total fund balances	\$ 8,463,311	\$ 32,609,679	\$ 94,408	\$ 41,167,398
Total liabilities and fund balances	\$ 13,125,417	\$ 37,896,489	\$ 589,727	\$ 51,611,633

The notes to the financial statements are an integral part of this statement.

Reconciliation of the Balance Sheet of Governmental Funds  
To the Statement of Net Assets  
June 30, 2008

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Amounts reported for governmental activities in the statement of net assets are different because:

Total fund balances per Exhibit 3 - Balance Sheet - Governmental Funds	\$ 41,167,398
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.	39,705,242
Other long-term assets are not available to pay for current-period expenditures and, therefore, are deferred in the funds.	1,652,466
Long-term liabilities, including bonds payable, are not due and payable in the current period and, therefore, are not reported in the funds.	<u>(75,547,579)</u>
Net assets of governmental activities	<u>\$ 6,977,527</u>

The notes to the financial statements are an integral part of this statement.



Statement of Revenues, Expenditures, and Changes in Fund Balances  
 Governmental Funds  
 For the Year Ended June 30, 2008

	General	Capital Projects Fund	Other Governmental Funds	Total
<b>REVENUES</b>				
General property taxes	\$ 16,761,743	\$ -	\$ -	\$ 16,761,743
Other local taxes	3,323,138	-	-	3,323,138
Permits, privilege fees, and regulatory licenses	312,018	-	-	312,018
Fines and forfeitures	86,630	-	-	86,630
Revenue from the use of money and property	455,092	1,759,357	-	2,214,449
Charges for services	868,034	-	49,047	917,081
Miscellaneous	192,889	-	-	192,889
Intergovernmental revenues:				
Commonwealth	5,126,069	2,655,955	2,532,554	10,314,578
Federal	221,162	-	1,116,034	1,337,196
Total revenues	<u>\$ 27,346,775</u>	<u>\$ 4,415,312</u>	<u>\$ 3,697,635</u>	<u>\$ 35,459,722</u>
<b>EXPENDITURES</b>				
Current:				
General government administration	\$ 2,261,845	\$ -	\$ -	\$ 2,261,845
Judicial administration	1,117,154	-	-	1,117,154
Public safety	5,798,680	-	649,894	6,448,574
Public works	2,225,291	-	-	2,225,291
Health and welfare	667,042	-	4,454,929	5,121,971
Education	8,122,305	-	-	8,122,305
Parks, recreation, and cultural	316,074	-	43,386	359,460
Community development	1,168,975	-	-	1,168,975
Nondepartmental	121,073	-	-	121,073
Capital projects	-	32,644,236	-	32,644,236
Debt service:				
Principal retirement	1,108,859	-	-	1,108,859
Interest and other fiscal charges	3,035,095	-	-	3,035,095
Total expenditures	<u>\$ 25,942,393</u>	<u>\$ 32,644,236</u>	<u>\$ 5,148,209</u>	<u>\$ 63,734,838</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ 1,404,382</u>	<u>\$ (28,228,924)</u>	<u>\$ (1,450,574)</u>	<u>\$ (28,275,116)</u>
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers in	\$ -	\$ 74,268	\$ 1,484,484	\$ 1,558,752
Transfers out	(1,558,752)	-	-	(1,558,752)
Issuance of revenue bonds	-	172,260	-	172,260
Issuance of general obligation bonds	-	13,790,000	-	13,790,000
Bond premiums	-	210,714	-	210,714
Total other financing sources (uses)	<u>\$ (1,558,752)</u>	<u>\$ 14,247,242</u>	<u>\$ 1,484,484</u>	<u>\$ 14,172,974</u>
Net change in fund balances	\$ (154,370)	\$ (13,981,682)	\$ 33,910	\$ (14,102,142)
Fund balances - beginning	8,617,681	46,591,361	60,498	55,269,540
Fund balances - ending	<u>\$ 8,463,311</u>	<u>\$ 32,609,679</u>	<u>\$ 94,408</u>	<u>\$ 41,167,398</u>

The notes to the financial statements are an integral part of this statement.

Reconciliation of Statement of Revenues,  
Expenditures, and Changes in Fund Balances of Governmental Funds  
To the Statement of Activities  
For the Year Ended June 30, 2008

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Amounts reported for governmental activities in the statement of activities are different because:

Net change in fund balances - total governmental funds	\$ (14,102,142)
Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which the capital outlays exceeded depreciation in the current period.	31,115,970
Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.	280,411
The issuance of long-term debt (e.g. bonds, leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net assets. Also, governmental funds report the effect of issuance costs, premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities. This amount is the net effect of these differences in the treatment of long-term debt and related items.	(13,184,690)
Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore are not reported as expenditures in governmental funds.	262,508
Change in net assets of governmental activities	\$ 4,372,057

The notes to the financial statements are an integral part of this statement.

Statement of Fiduciary Net Assets  
Fiduciary Funds  
June 30, 2008

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	<u>Agency Funds</u>
<b>ASSETS</b>	
Cash and cash equivalents	\$ <u>102,948</u>
Total assets	\$ <u><u>102,948</u></u>
<b>LIABILITIES</b>	
Amounts held for social services clients	\$ 3,223
Amounts held for others	63,034
Amounts held for inmates	<u>36,691</u>
Total liabilities	\$ <u><u>102,948</u></u>

The notes to the financial statements are an integral part of this statement.

B.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008

#### NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

##### A. Reporting Entity

The County of Page, Virginia (government) is a municipal corporation governed by an elected five-member Board of Supervisors. The accompanying financial statements present the government and its component units, entities for which the government is considered to be financially accountable. Blended component units, although legally separate entities, are, in substance, part of the government's operations. Each discretely presented component unit is reported in a separate column in the government-wide financial statements (see note below for description) to emphasize that it is legally separate from the government.

**Blended component units.** The County has no blended component units.

**Discretely presented component units.** The Page County School Board (Board) is responsible for elementary and secondary education within the government's jurisdiction. The members of the Board's governing board are elected by the voters. However, the government is financially accountable for the Board because the government's council approves the Boards' budget, levies taxes (if necessary), and must approve any debt issuances. The Board is presented as a governmental fund type.

The Economic Development Authority of Page County, Virginia is included as a component unit because the Authority's primary use of funds is to provide for economic development of the County, thereby benefiting the County even though it does not provide services directly to the County. The Economic Development Authority of Page County, Virginia does prepare separate financial statements. Complete financial statements for the Authority may be obtained at the Authority's administrative office at 1 Cave Street, Luray, Virginia 22835.

##### B. Government-wide and fund financial statements

The government-wide financial statements (i.e., the statement of net assets and the statement of activities) report information on all of the nonfiduciary activities of the primary government and its component units. For the most part, the effect of interfund activity has been removed from these statements. *Governmental activities*, which normally are supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*, which rely to a significant extent on fees and charges for support. Likewise, the *primary government* is reported separately from certain legally separate *component units* for which the primary government is financially accountable.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. *Direct expenses* are those that are clearly identifiable with a specific function or segment. *Program revenues* include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Taxes and other items not properly included among program revenues are reported instead as *general revenues*.

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds are reported as separate columns in the fund financial statements.

**NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

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**C. Related Organizations**

The County's officials are also responsible for appointing the members of the boards of other organizations, but the County's accountability for these organizations' does not extend beyond making the appointment. The Board of Supervisors appoints the board members of the Economic Development Authority of Page County, Virginia.

**D. Jointly Governed Organizations**

A jointly governed organization is a multi-governmental arrangement that is governed by representatives from each of the governments that create the organization, but that is not a joint venture because the participants do not retain an ongoing financial interest or responsibility.

Rockingham Library Association — The County of Page, the County of Rockingham, and the City of Harrisonburg participate in the Rockingham County Library Association which provides library services to its participants. The Rockingham Library Association is governed by a Board of Trustees consisting of 19 members, who are elected at the annual meeting each year of the Rockingham Library Association. Each locality's contribution is set by contractual agreement with the Rockingham Library Association. The County of Page contributed \$168,000 to the Association for operating purposes for the year ended June 30, 2008.

Luray-Page County Airport Commission - The Luray-Page County Airport Commission is a jointly governed organization of the Town of Luray and the County of Page, Virginia formed by mutual agreement to build and maintain an airport to serve local needs. The Commission reports separately to the Town Council and the Board of Supervisors of Page County on an annual basis. There are eight members on the Board of the Commission who meet on an as-needed basis. The County of Page, Virginia contributed \$73,936 to the Commission for operations and capital expenditures for the year ended June 30, 2008.

The County, in conjunction with other localities, has created the Northwestern Community Services Board. The School Board participates in the Shenandoah Valley Regional Program for Special Education. The governing bodies of these organizations are appointed by the respective governing bodies of the participating jurisdictions. During the year, the County contributed \$86,954 to the Northwestern Community Services Board.

**E. Measurement focus, basis of accounting, and financial statement presentation**

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*, as are the proprietary fund and fiduciary fund financial statements. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008 (Continued)

#### NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

##### E. Measurement focus, basis of accounting, and financial statement presentation (continued)

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be *available* when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the government considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due.

Property taxes, other local taxes, licenses, and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the government.

The government reports the following major governmental funds:

The *general fund* is the government's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund. The General Fund includes the activities of Department of Justice VJCCCA, Gypsy Moth, Community Development, Virginia State Library Archives, Crime Victim Witness Program, Local DARE, and Water Quality Funds.

The *capital projects fund* accounts for the resources to be used for the acquisition and construction of major capital facilities, other than those financed by proprietary funds. The County Capital Projects Fund is a major fund of the County.

The government reports the following major proprietary funds:

*Internal service funds* account for the financing of health insurance services provided to other departments or agencies of the government, or to other governments, on a cost reimbursement basis. Internal service funds consist of the health insurance fund.

Additionally, the government reports the following fund types:

*Special revenue funds* account for the proceeds of the specific revenue sources (other than major capital projects) that are legally restricted to expenditures. Virginia Public Assistance, Comprehensive Services Act, E-911, Parks and Recreation are non-major special revenue funds of the County.

**NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

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**E. Measurement focus, basis of accounting, and financial statement presentation (continued)**

Agency funds account for assets held by the County as an agent or custodian for individuals, private organizations, other governmental units or other funds. The special welfare, cash bonds fund, neutering/spaying and sheriff funds are the County's agency funds.

Private-sector standards of accounting and financial reporting issued prior to December 1, 1989, generally are followed in both the government-wide and proprietary fund financial statements to the extent that those standards do not conflict with or contradict guidance of the Governmental Accounting Standards Board. Governments also have the *option* of following subsequent private-sector guidance for their business-type activities and enterprise funds, subject to this same limitation. The government has elected not to follow subsequent private-sector guidance.

As a general rule the effect of inter-fund activity has been eliminated from the government-wide financial statements.

Amounts reported as *program revenues* include 1) charges to customers or applicants for goods, services, or privileges provided, 2) operating grants and contributions, and 3) capital grants and contributions, including special assessments. Internally dedicated resources are reported as *general revenues* rather than as program revenues. Likewise, general revenues include all taxes.

Proprietary funds distinguish *operating* revenues and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the government's internal service funds are charges to funds for services. Operating expenses for internal service funds include the cost of services and administrative expenses. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

When both restricted and unrestricted resources are available for use, it is the government's policy to use restricted resources first, then unrestricted resources as they are needed.

**F. Assets, liabilities, and net assets or equity**

**1. Deposits and investments**

The government's cash and cash equivalents are considered to be cash on hand, demand deposits, and short-term investments with original maturities of three months or less from the date of acquisition.

State statutes authorize the government and the School Board to invest in obligations of the U.S. Treasury, commercial paper, corporate bonds, repurchase agreements, and the State Treasurer's Investment Pool.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### F. Assets, liabilities, and net assets or equity (continued)

##### 1. Deposits and investments (continued)

Investments for the government, as well as for its component units, are reported at fair value. The State Treasurer's Investment Pool operates in accordance with appropriate state laws and regulations. The reported value of the pool is the same as the fair value of the pool shares.

##### 2. Receivables and payables

Activity between funds that are representative of lending/borrowing arrangements outstanding at the end of the fiscal year are referred to as either "due to/from other funds" (i.e., the current portion of interfund loans) or "advances to/from other funds" (i.e., the non-current portion of interfund loans). All other outstanding balances between funds are reported as "due to/from other funds." Any residual balances outstanding between the governmental activities and business-type activities are reported in the government-wide financial statements as "internal balances."

All trade and property tax receivables are shown net of an allowance for uncollectibles. The property tax receivable allowance was \$311,029 or equal to 13 percent of outstanding property taxes at June 30, 2008.

Property is assessed at its value on January 1. Property taxes attached as an enforceable lien on property as of January 1. Taxes are due and collectible semi-annually on June 5<sup>th</sup> and December 5<sup>th</sup>. The County bills and collects its own property taxes.

##### 3. Inventories and prepaid items

All inventories are valued at cost using the first-in/first-out (FIFO) method. Inventories of governmental funds are recorded as expenditures when consumed rather than when purchased. Quantities on hand at year-end are considered immaterial and have not been recorded, except in the School Cafeteria Fund where it can be easily measured.

##### 4. Capital assets

Capital assets, which include property, plant, and equipment, are reported in the applicable governmental columns in the government-wide financial statements. Capital assets are defined by the government as assets with an initial, individual cost of more than \$5,000 (amount not rounded) and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated fair market value at the date of donation.



COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

F. Assets, liabilities, and net assets or equity (continued)

4. Capital assets (continued)

The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed.

Property, plant, and equipment of the primary government, as well as the component units, are depreciated using the straight line method over the following estimated useful lives:

<u>Assets</u>	<u>Years</u>
Buildings	50
Building improvements	20
Vehicles	5
Office equipment	5
Computer equipment	5

5. Compensated absences

It is the government's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. There is no liability for unpaid accumulated sick leave since the government does not have a policy to pay any amounts when employees separate from service with the government. All vacation pay is accrued when incurred in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

6. Long-term obligations

In the government-wide financial statements, and proprietary fund types in the fund financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable governmental activities, or proprietary fund type statement of net assets. Bond premiums and discounts, as well as issuance costs, are deferred and amortized over the life of the bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are reported as deferred charges and amortized over the term of the related debt.

In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as debt service expenditures.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008 (Continued)

#### NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

##### F. Assets, liabilities, and net assets or equity (continued)

###### 7. Fund equity

In the fund financial statements, governmental funds report reservations of fund balance for amounts that are not available for appropriation or are legally restricted by outside parties for use for a specific purpose. Designations of fund balance represent tentative management plans that are subject to change.

###### 8. Reclassifications

Certain amounts presented in the prior year data have been reclassified in order to be consistent with the current year's presentation.

##### G. Investments

Investments are stated at fair value. Certificates of deposit, short-term repurchase agreements, and equity investments are reported in the accompanying financial statements as cash and cash equivalents.

##### H. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

#### NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS

##### A. Explanation of certain differences between the governmental fund balance sheet and the government-wide statement of net assets

The governmental fund balance sheet includes a reconciliation between *fund balance—total governmental funds* and *net assets—governmental activities* as reported in the government-wide statements of net assets. One element of that reconciliation explains that "long-term liabilities, including bonds payable, are not due and payable in the current period and therefore are not reported in the funds." The details of these differences are as follows:

	Primary Government	Component Unit School Board
Bonds payable, including unamortized premiums	\$ (71,493,385)	\$ -
Accrued interest payable	(1,073,833)	-
Notes payable	(95,398)	-
Landfill closure and post-closure costs	(2,537,004)	-
Compensated absences	(347,959)	(125,085)
Net adjustment to reduce <i>fund balance—total governmental funds</i> to arrive at <i>net assets—governmental activities</i>	<u>\$ (75,547,579)</u>	<u>\$ (125,085)</u>

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS  
(CONTINUED)

B. Explanation of certain differences between the governmental fund statement of revenues, expenditures, and changes in fund balances and the government-wide statement of activities

The governmental fund statement of revenues, expenditures, and changes in fund balances includes a reconciliation between *net changes in fund balances—total governmental funds* and *changes in net assets of governmental activities* as reported in the government-wide statement of activities. One element of that reconciliation explains that “Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense.” The details of these differences are as follows:

	Primary Government	Component Unit School Board
Capital outlay	\$ 32,623,904	\$ 230,989
Depreciation expense	(762,550)	(150,026)
Primary government capital asset allocation	<u>(745,384)</u>	<u>745,384</u>
Net adjustment to increase (decrease) <i>net changes in fund balances—total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ <u>31,115,970</u>	\$ <u>826,347</u>

Another element of that reconciliation states that “the issuance of long-term debt (e.g., bonds, leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net assets. Also, governmental funds report the effect of issuance costs, premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities.” The details of these differences are as follows:

	Primary Government	Component Unit School Board
Debt issued or incurred:		
Issuance of bonds, including premiums	\$ (14,172,974)	\$ -
Principal repayments:		
General obligation debt	954,173	-
Notes payable	92,619	-
Lease revenue bond	62,067	-
Decrease in landfill closure and post-closure costs	<u>(120,575)</u>	<u>-</u>
Net adjustment to (decrease) increase <i>net changes in balances—total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ <u>(13,184,690)</u>	\$ <u>-</u>

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS (CONTINUED)

#### B. Explanation of certain differences between the governmental fund statement of revenues, expenditures, and changes in fund balances and the government-wide statement of activities (continued)

Another element of that reconciliation states that "Some expenses reported in the statement of activities do not require the use of current financial resources and therefore are not reported as expenditures in governmental funds." The details of these differences are as follows:

	Primary Government	Component Unit School Board
Compensated absences	\$ (31,043)	\$ 46
Accrued interest	293,551	-
Net adjustment to (decrease) increase <i>net changes in fund balances-total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ 262,508	\$ 46

### NOTE 3—STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

#### Budgets and Budgetary Accounting

The following procedures are used by the County in establishing the budgetary data reflected in the financial statements.

1. Prior to March 30, the County Administrator submits to the Board of Supervisors a proposed operating and capital budget for the fiscal year commencing the following July 1. The operating and capital budget includes proposed expenditures and the means of financing them.
2. Public hearings are conducted to obtain citizen comments.
3. Prior to June 30, the budget is legally enacted through passage of an Appropriations Resolution.
4. The Appropriations Resolution places legal restrictions on expenditures at the activity level within each department. The appropriation for each department or activity can be revised only by the Board of Supervisors. The County Administrator is authorized to transfer budgeted amounts within general government activities and the School Board is authorized to transfer budgeted amounts within the school system's categories.
5. Formal budgetary integration is employed as a management control device during the year for the General Fund. The School Fund and School Cafeteria Fund are integrated only at the level of legal adoption.
6. All budgets are adopted on a basis consistent with generally accepted accounting principles (GAAP).
7. Appropriations lapse on June 30 for all County units.
8. All budget data presented in the accompanying financial statements is the revised budget as of June 30.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008 (Continued)

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#### NOTE 4—DEPOSITS AND INVESTMENTS

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##### Deposits

All cash of the primary government and its discretely presented component units is maintained in accounts collateralized in accordance with the Virginia Security for Public Deposits Act (a multiple financial institution collateral pool), Section 2.2-4400 et. seq. of the Code of Virginia or covered by federal depository insurance. Under the Act, banks holding public deposits in excess of the amounts insured by FDIC must pledge collateral in the amount of 50% of excess deposits to a collateral pool in the name of the State Treasury Board. Savings and Loan institutions are required to collateralize 100% of deposits in excess of FDIC limits. Deposits covered by the Act are considered insured since the Treasury Board is authorized to make additional assessments.

##### Investments

Statutes authorize the County to invest in obligations of the United States or agencies thereof, obligations of the Commonwealth of Virginia or political subdivisions thereof, obligations of the International Bank for Reconstruction and Development (World Bank), the Asian Development Bank, the African Development Bank, "prime quality" commercial paper and certain corporate notes, banker's acceptances, repurchase agreements and the State Treasurer's Local Government Investment Pool (LGIP).

##### Custodial Credit Risk (Investments)

The County of Page sets forth the following authorized investments to mitigate custodial credit risk. Whereas, authorized investments for public funds are limited to those set forth in Chapter 18, Section 2.2-4501 of the Code of Virginia. Investment vehicles for the County of Page shall be further restricted in consideration of the size of the portfolio and the absence of professional investment personnel.

##### Credit Risk of Debt Securities

The County of Page may invest any and all funds belonging to it or in its control in the following:

1. U.S. Treasury Bills, Notes, Bonds and other direct obligations of the United States Government.
2. Obligations of Agencies of the Federal Government, including but not limited to the Federal Farm Credit Bank, Federal Home Loan Bank, Federal National Mortgage Association, Government National Mortgage Association, Federal Home Loan Mortgage Corporation and Student Loan Marketing Association.
3. Obligations of the Commonwealth of Virginia and of its local governments and public bodies, provided such obligations have a debt rating of at least "AA" or equivalent by Moody's and/or Standard & Poor's.
4. Repurchase Agreements executed through Federal Reserve Member Banks or Primary Dealers in U.S. Government securities, and collateralized by Treasury or Agency obligations the market value of which is at least 102% of the purchase price of the repo.
5. Certificates of deposit or other deposits of national banks located within the Commonwealth and state-chartered banks under Commonwealth supervision provided such deposits are insured or collateralized as provided by the Virginia Security for Public Deposits Act.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 4—DEPOSITS AND INVESTMENTS (CONTINUED)

Credit Risk of Debt Securities: (Continued)

6. U.S. dollar denominated Bankers' Acceptances issued by a domestic bank or a foreign bank with an agency domiciled in the U.S., and rated by Thomson Bankwatch at least B/C (issuing bank) and I (country of origin). Not more than 40% of the total funds available for investment may be invested in banker's acceptances.
7. U.S. dollar denominated Commercial Paper issued by an entity incorporated in the U.S. and rated at least A-1 by Standard & Poor's Corp. and P-1 by Moody's Investors Service. Not more than 35% of the total funds available for investment may be invested in commercial paper, and not more than 5% in the obligations of any one issuer.

The County's rated debt investments as of June 30, 2008 were rated by Moody and/or an equivalent national rating organization and the ratings are presented below using the Moody rating scale.

Locality's Rated Debt Investments' Values

Rated Debt Investments	Fair Quality Ratings				
	AAA	AA	A	A1	Unrated
Local Government Investment Pool	\$ 5,367,099	\$ -	\$ -	\$ -	\$ -
SNAP External Investment Pool	41,648,443	-	-	-	-
Total	<u>\$ 47,015,542</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

External Investment Pools

The State Non-Arbitrage Pool (SNAP) is an open-end management investment company registered with the Securities and Exchange Commission (SEC). The fair value of the positions in the Local Government Investment Pool (LGIP) is the same as the value of the pool shares. As this pool is not SEC registered, regulatory oversight of the pool rests with the Virginia State Treasury. LGIP maintains a policy to operate in a manner consistent with SEC Rule 2a-7.

DISCRETELY PRESENTED COMPONENT UNIT-SCHOOL BOARD:

Note: All deposits of the health insurance fund were allocated to the component unit school board on the government-wide financial statements — Exhibit 1.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 5—INTERFUND OBLIGATIONS

Fund	Interfund Receivable Primary Government/ Component Unit	Interfund Payable Primary Government/ Component Unit	Interfund Receivable Primary Government/ Component Unit	Interfund Payable Primary Government/ Component Unit
Primary Government:				
General Fund	\$ -	\$ 1,941,074	\$ 281,111	\$ -
Virginia Public Assistance Fund	-	-	-	149,648
Comprehensive Services Act	-	-	-	131,463
Sub-total	\$ -	\$ 1,941,074	\$ 281,111	\$ 281,111
Discretely Presented Component Units:				
School Fund	\$ 1,941,074	\$ -	\$ -	\$ -
Total reporting entity	\$ 1,941,074	\$ 1,941,074	\$ 281,111	\$ 281,111

NOTE 6—INTERFUND TRANSFERS

Interfund transfers for the year ended June 30, 2008 consisted of the following:

Fund	Transfers In	Transfers Out
Primary Government:		
General Fund	\$ -	\$ 1,558,752
Virginia Public Assistance Fund	374,652	-
Comprehensive Services Act	675,367	-
E-911 Fund	434,465	-
County Capital Projects Fund	74,268	-
Total reporting entity	\$ 1,558,752	\$ 1,558,752

Transfers are used to (1) move revenues from the fund that statute or budget requires to collect them to the fund that statute or budget requires to expend them and (2) use unrestricted revenues collected in the General Fund to finance various programs accounted for in other funds in accordance with budgeting authorization.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 7—DUE FROM OTHER GOVERNMENTAL UNITS

	Primary Government	Component Unit School Board
Commonwealth of Virginia:		
State sales taxes	\$ -	\$ 561,461
Local sales taxes	259,895	-
Comprehensive Services Act funds	220,638	-
Public assistance and welfare	58,010	-
Other funds	607,769	71,972
Federal Government:		
Public assistance and welfare	91,639	-
School funds	-	186,763
Other funds	9,949	-
Total	\$ 1,247,900	\$ 820,196

### NOTE 8—CAPITAL ASSETS

Capital asset activity for the year ended June 30, 2008 was as follows:

#### Primary Government

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Governmental activities:</b>				
Capital assets not being depreciated:				
Land	\$ 1,549,464	\$ 600,000	\$ -	\$ 2,149,464
Construction in progress	1,242,846	31,858,942	-	33,101,788
Total capital assets not being depreciated	\$ 2,792,310	\$ 32,458,942	\$ -	\$ 35,251,252
Capital assets being depreciated:				
Buildings	\$ 5,488,091	\$ -	\$ (883,384)	\$ 4,604,707
Machinery and equipment	3,123,482	196,762	(72,461)	3,247,783
Total capital assets being depreciated	\$ 8,611,573	\$ 196,762	\$ (955,845)	\$ 7,852,490
Less accumulated depreciation for:				
Buildings	\$ (1,210,701)	\$ (338,658)	\$ 138,000	\$ (1,411,359)
Machinery and equipment	(1,603,911)	(423,891)	40,661	(1,987,141)
Total accumulated depreciation	\$ (2,814,612)	\$ (762,549)	\$ 178,661	\$ (3,398,500)
Total capital assets being depreciated, net	\$ 5,796,961	\$ (565,787)	\$ (777,184)	\$ 4,453,990
Governmental activities capital assets, net	\$ 8,589,271	\$ 31,893,155	\$ (777,184)	\$ 39,705,242



COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

**NOTE 8—CAPITAL ASSETS: (CONTINUED):**

Depreciation expense was charged to functions/programs of the primary government as follows:

Governmental activities:	
General government	\$ 12,568
Judicial administration	2,260
Public safety	176,955
Public works	280,261
Health and welfare	1,311
Education	284,347
Community Development	4,847
Total depreciation expense-governmental activities	<u>\$ 762,549</u>

**Discretely presented component unit-School Board:**

Activity for the School Board for the year ended June 30, 2008 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets not being depreciated:				
Land	\$ 885,591	\$ -	\$ -	\$ 885,591
Construction in progress	1,599,220	-	-	1,599,220
Total capital assets not being depreciated	<u>\$ 2,484,811</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,484,811</u>
Capital assets being depreciated:				
Buildings	\$ 10,433,266	\$ 883,384	\$ (49,803)	\$ 11,266,847
Machinery and equipment	3,889,479	239,288	(276,354)	3,852,413
Total capital assets being depreciated	<u>\$ 14,322,745</u>	<u>\$ 1,122,672</u>	<u>\$ (326,157)</u>	<u>\$ 15,119,260</u>
Less accumulated depreciation for:				
Buildings	\$ (4,071,103)	\$ (86,147)	\$ 41,503	\$ (4,115,747)
Machinery and equipment	(3,338,279)	(201,878)	276,354	(3,263,803)
Total accumulated depreciation	<u>\$ (7,409,382)</u>	<u>\$ (288,025)</u>	<u>\$ 317,857</u>	<u>\$ (7,379,550)</u>
Total capital assets being depreciated, net	<u>\$ 6,913,363</u>	<u>\$ 834,647</u>	<u>\$ (8,300)</u>	<u>\$ 7,739,710</u>
School Board capital assets, net	<u>\$ 9,398,174</u>	<u>\$ 834,647</u>	<u>\$ (8,300)</u>	<u>\$ 10,224,521</u>

Depreciation expense for the year ended June 30, 2008 totaled \$288,025.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008 (Continued)

#### NOTE 9—DEFINED PENSION BENEFIT OBLIGATION

##### A. Plan Description

Name of Plan: Virginia Retirement System (VRS)  
Identification of Plan: Agent and Cost-Sharing Multiple-Employer Defined Benefit Pension Plan  
Administering Entity: Virginia Retirement System (System)

The County contributes to the Virginia Retirement System (VRS), an agent and cost-sharing multiple-employer defined benefit pension plan administered by the Virginia Retirement System. All full-time, salaried permanent employees of participating employers must participate in the VRS. Benefits vest after five years service. Employees are eligible for an unreduced retirement benefit at age 65 with 5 years of service (age 60 for participating law enforcement officers and firefighters) and at age 50 with at least 30 years of service if elected by the employer (age 50 with at least 25 years for participating local law enforcement officers and firefighters) payable monthly for life in an amount equal to 1.7 percent of their average final compensation (AFC) for each year of credited service (1.85% to sheriffs and if the employer elects, to other employees in hazardous duty positions receiving enhanced benefits). Benefits are actuarially reduced for retirees who retire prior to becoming eligible for full retirement benefits. In addition, retirees qualify for annual cost-of-living increases limited to 5% per year beginning in their second year of retirement. AFC is defined as the highest consecutive 36 months of reported compensation. Participating local law enforcement officers and firefighters may receive a monthly benefit supplement if they retire prior to age 65. The VRS also provides death and disability benefits. Title 51.1 of the Code of Virginia (1950), as amended, assigns the authority to establish and amend benefit provisions to the General Assembly of Virginia.

The System issues a publicly available comprehensive annual financial report that includes financial statements and required supplementary information for VRS. A copy of that report may be downloaded from our web site at <http://www.varetire.org/PDF/2007AnnuRept.pdf> obtained by writing to the System at P. O. Box 2500, Richmond, Virginia 23218-2500.

##### B. Funding Policy

Plan members are required by Title 51.1 of the Code of Virginia (1950), as amended, to contribute 5% of their annual salary to the VRS. This 5% member contribution may be assumed by the employer. In addition, the County is required to contribute the remaining amounts necessary to fund participation in the VRS using the actuarial basis specified by the Code of Virginia and approved by the VRS Board of Trustees. The County's and School's non-professional employee contribution rates for the fiscal year ended 2008 were 8.38% and 9.24% of the annual covered payroll.

The School Board's contributions for professional employees were \$1,839,620, \$1,573,360, and \$1,057,708, to the teacher cost-sharing pool for the fiscal years ended June 30, 2008, 2007 and 2006, respectively and these contributions represented 10.30%, 9.50% and 6.62%, respectively, of current covered payroll.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 9—DEFINED PENSION BENEFIT OBLIGATION: (CONTINUED)

C. Annual Pension Cost

For fiscal year 2008, the County's annual pension cost of \$518,645 was equal to the County's required and actual contributions.

For fiscal year 2008, the County School Board's annual pension cost for the Board's non-professional employees was \$161,927 which was equal to the Board's required and actual contributions.

Three-Year Trend Information				
	Fiscal Year Ending	Annual Pension Cost (APC) <sup>1</sup>	Percentage of APC Contributed	Net Pension Obligation
Primary Government:				
County	6/30/06	\$ 52,134	100%	\$ -
	6/30/07	463,546	100%	-
	6/30/08	518,645	100%	-
Discretely Presented Component Unit:				
School Board				
Non-Professional	6/30/06	\$ 97,370	100%	\$ -
	6/30/07	154,111	100%	-
	6/30/08	161,927	100%	-

<sup>1</sup>Employer portion only

The required contribution was determined as part of the June 30, 2007 actuarial valuation using the entry age normal actuarial cost method. The actuarial assumptions at June 30, 2008 included (a) 7.50% investment rate of return, (b) projected salary increases ranging from 3.75% to 5.60% per year, and (c) 2.50% per year cost-of-living adjustments. Both (a) and (b) included an inflation component of 2.50%. The actuarial value of the County's and the County School Board's assets is equal to the modified market value of assets. This method uses techniques that smooth the effects of short-term volatility in the market value of assets over a five-year period. The County's and School Board's unfunded actuarial accrued liability is being amortized as a level percentage of payroll on an open basis within a period of 20 years.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 9—DEFINED PENSION BENEFIT OBLIGATION: (CONTINUED)

D. Funded Status and Funding Progress:

As of June 30, 2007, the most recent actuarial valuation date, the County's plan was 85.95% funded. The actuarial accrued liability for benefits was \$18,054,154, and the actuarial value of assets was \$15,517,007, resulting in an unfunded actuarial accrued liability (UAAL) of \$2,537,147. The covered payroll (annual payroll of active employees covered by the plan) was \$5,918,176, and ratio of the UAAL to the covered payroll was 42.87%.

As of June 30, 2007, the most recent actuarial valuation date, the County School Board's plan was 81.70% funded. The actuarial accrued liability for benefits was \$5,744,972, and the actuarial value of assets was \$4,693,491, resulting in an unfunded actuarial accrued liability (UAAL) of \$1,051,481. The covered payroll (annual payroll of active employees covered by the plan) was \$1,670,109, and ratio of the UAAL to the covered payroll was 62.96%.

The schedule of funding progress, presented as Required Supplementary Information following the note to the financial statements presents multiyear trend information about whether the actuarial value of the plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

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COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 10—LONG-TERM INDEBTEDNESS

Primary Government Indebtedness

Annual requirements to amortize long-term indebtedness and related interest are as follows:

Year Ending June 30,	Governmental Activities			
	Lease Revenue Bond		General Obligation/Revenue Bonds	
	Principal	Interest	Principal	Interest
2009	62,067	24,442	1,769,146	3,029,147
2010	62,067	21,870	1,798,281	3,156,419
2011	62,067	19,297	1,843,338	3,059,829
2012	62,067	16,724	1,689,365	2,968,381
2013	62,067	14,151	1,931,407	2,877,532
2014	62,067	11,578	2,014,513	2,778,995
2015	62,067	9,005	2,083,737	2,676,661
2016	62,067	6,432	2,174,132	2,570,349
2017	62,067	3,859	2,265,756	2,459,493
2018	62,064	1,286	2,350,939	2,351,426
2019	-	-	2,439,949	2,245,316
2020	-	-	2,530,400	2,134,174
2021	-	-	2,619,194	2,018,829
2022	-	-	2,522,334	1,901,491
2023	-	-	2,621,777	1,783,781
2024	-	-	2,731,897	1,662,442
2025	-	-	2,843,401	1,535,279
2026	-	-	2,961,553	1,401,478
2027	-	-	3,086,082	1,260,687
2028	-	-	2,457,716	1,133,394
2029	-	-	2,564,968	1,021,582
2030	-	-	2,682,751	906,245
2031	-	-	2,806,088	784,459
2032	-	-	2,935,004	655,929
2033	-	-	3,069,522	520,248
2034	-	-	1,114,669	425,291
2035	-	-	1,165,473	374,182
2036	-	-	1,221,962	320,663
2037	-	-	1,274,166	264,704
2038	-	-	1,337,115	206,160
2039	-	-	450,841	166,619
2040	-	-	470,380	147,080
2041	-	-	490,765	126,695
2042	-	-	512,034	105,426
2043	-	-	534,224	83,236
2044	-	-	557,376	60,084
2045	-	-	581,532	35,928
2046	-	-	528,696	10,726
Totals	\$ 620,667	\$ 128,644	\$ 71,032,484	\$ 51,220,360

Note: As of June 30, 2008 only \$11,854,272 of Series 2006 bonds have been drawn down. The bond amortization schedule presented will be the schedule when all funds are drawn down. As a result the amortization schedule differs by \$1,007,090 at June 30, 2008.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)

#### Primary Government Indebtedness (continued)

Year Ending June 30,	Governmental Activities	
	Note Payable	
	Principal	Interest
2009	\$ 95,398	\$ 2,862

#### Changes in Long-Term Liabilities

The following is a summary of long-term debt transactions of the Primary Government for the year ended June 30, 2008:

	Balance June 30, 2007	Issuances	Retirements	Balance June 30, 2008
Claims, judgments and compensated absences payable \$	316,915	\$ 31,043	\$ -	\$ 347,958
Landfill closure and post-closure care costs	2,416,429	120,575	-	2,537,004
Lease revenue bond	682,733	-	62,066	620,667
Note payable	188,017	-	92,619	95,398
General obligation bonds	57,017,307	13,962,260	954,173	70,025,394
Premiums on bond issue	636,611	210,714	-	847,325
Total	\$ 61,258,012	\$ 14,324,592	\$ 1,108,858	\$ 74,473,746

- (1) Note: Section 15.2-1800.1, Code of Virginia, 1950, as amended, was enacted during the year ended June 30, 2002, which affected the reporting of local school capital assets and related debt for financial statement purposes. All debt historically reported by the Discretely Presented Component Unit - School Board, has been assumed by the Primary Government as a result of this legislation.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)

Details of Long-Term Liabilities

Governmental Activities:

	<u>Total Amount Outstanding</u>	<u>Amount Due Within One Year</u>
General Obligation Bonds:		
<u>Virginia Public School Authority (V.P.S.A.) Bonds:</u>		
\$2,735,000 Virginia Public School Authority Bond issued August 30, 1990, due in annual installments of \$80,000 to \$180,000 through July, 2011. Interest payable annually at varying rates of 6.4% to 7.1%	\$ 525,000	\$ 170,000
\$1,000,000 Virginia Public School Authority Bond Series 1993 due in annual installments of \$5,000 to \$95,000 through 2014. Interest payable annually at varying interest rates of 4.475% to 5.0%	100,000	35,000
\$4,175,000 Virginia Public School Authority Bond issued May 19, 1992, due in annual installments of \$80,000 to \$315,000 through December, 2011. Interest payable semi-annually at 6.1% to 6.4%	425,000	130,000
\$1,500,000 Virginia Public School Authority Bond issued November 16, 2000, due in annual installments of \$80,000 to \$85,000 through July 15, 2020. Interest payable semi-annually at varying interest rates of 4.975% to 5.85%	1,075,000	85,000
\$30,695,000 Virginia Public School Authority Bond issued November 19, 2006, at a premium of \$305,572 due in annual installments of \$655,000 to \$2,005,000 through November 19, 2032. Interest payable semi-annually at 6.1% to 6.4%	30,695,000	655,000
\$12,019,506 Virginia Public School Authority Bond issued November 19, 2006, at a premium of \$331,039 due in annual installments of \$458,384 to \$740,470 through November 19, 2032. Interest payable semi-annually at 6.1% to 6.4%	11,561,122	494,026
\$13,790,000 Virginia Public School Authority Bond issued May 2, 2008, at a premium of \$210,714, due in annual installments of \$444,193 to \$925,815 through July 15, 2037. Interest is payable semi-annually at 4.6% to 5.1%	13,790,000	-
Total general obligation bonds	\$ 58,171,122	\$ 1,569,026
<u>Lease Revenue Bonds:</u>		
\$931,000 lease revenue bonds issued January 15, 2003 due in annual installments of \$62,067 through January 15, 2018. Interest payable annually at 4.11%.	\$ 620,667	\$ 62,067
<u>Series 2006 Revenue Bonds</u>		
\$13,000,000 bonds issued June 16, 2006, payments vary throughout the life of the loan. Interest on the bonds is 2.76% through June 2046. These bonds were issued in connection with the Battle Creek landfill.	\$ 11,854,272	\$ 200,120

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)

#### Details of Long-Term Liabilities: (Continued)

#### Governmental Activities: (Continued)

	Total Amount Outstanding	Amount Due Within One Year
<u>Note Payable</u>		
\$450,000 note payable for the purchase of the Stanley Shopping Plaza dated November 12, 2003 payable in annual installments of \$98,260 including interest at 3% through November 2008.	\$ 95,398	\$ 95,398
Compensated absences	\$ 347,958	\$ -
Estimated cost of landfill closure and post closure monitoring care, payable over the next 16 years	\$ 2,537,004	\$ -
Unamortized premium on bond issues	\$ 847,325	\$ 28,775
Total Long-term liabilities	\$ 74,473,746	\$ 1,955,386

#### Change in Component Unit-School Board Long-Term Liabilities:

The following is a summary of long-term debt transactions of the Component Unit School Board for the year ended June 30, 2008:

	Balance June 30, 2007	Issuances	Retirements	Balance June 30, 2008
Compensated absences	\$ 125,131	\$ -	\$ 46	\$ 125,085

### NOTE 11—RISK MANAGEMENT

The County is a member of the Virginia Municipal Group Self Insurance Association for workers' compensation. The County is also a member of the Virginia Association of Counties Risk Pool for general property liability insurance. These programs are administered by servicing contractors that furnish claims review and processing.

Each Association member jointly and severally agrees to assume, pay and discharge any liability. The County pays Virginia Municipal Group and Virginia Association of Counties Risk Pool contributions and assessments based upon classification and rates into a designated cash reserve fund out of which expenses of the Association and Risk Pool and claims and awards are to be paid. In the event of a loss deficit and depletion of all available excess insurance, the Association and Risk Pool may assess all members in the proportion which the premium of each bears to the total premiums of all members in the year in which such deficit occurs.

The Component Unit School Board administers the health insurance program for the Health Insurance Fund (an Internal Service Fund) by charging the various fund types a portion of the premium.



## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2008 (Continued)

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#### NOTE 12—CONTINGENT LIABILITIES

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Federal programs in which the County and its component units participate were audited in accordance with the provisions of U.S. Office of Management and Budget Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Pursuant to the provisions of this circular all major programs and certain other programs were tested for compliance with applicable grant requirements. While no matters of noncompliance were disclosed by audit, the Federal Government may subject grant programs to additional compliance tests which may result in disallowed expenditures. In the opinion of management, any future disallowances of current grant program expenditures, if any, would be immaterial.

#### NOTE 13—UNEARNED REVENUE

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Unearned revenue represents amounts for which asset recognition criteria have been met, but for which revenue recognition criteria have not been met. Unearned revenue totaling \$466,730 is comprised of the following:

- A. Prepaid Property Taxes – Property taxes due subsequent to June 30, 2008, but paid in advance by the taxpayers totaled \$466,730 at June 30, 2008.

#### NOTE 14—HEALTH INSURANCE FUND

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The County maintains an internal service fund entitled Health Insurance Fund that has been included in the fund financial statements. The purpose of this fund is to disclose the County's self-insured health insurance transactions for the fiscal year as required by GASB 10. The County was self-insured for health insurance purposes in prior years, but is not longer self-insured and has retained Anthem to administer the program. The School Board uses Anthem as the administrator of their self-insured plan. The Health Insurance fund pays Anthem an administrative fee for these services. This fund serves the School Board component unit and accounts for the health insurance activities of the aforementioned funds but does not constitute a transfer of risk from the County.

Significant losses, over \$50,000 with a maximum of \$60,000, are covered by commercial insurance. There have been no changes in coverage for the last three years, nor have settlement amounts exceeded coverage during this time period.

The County records an estimated liability for indemnity health care claims. Claims liabilities are based on estimates of the ultimate cost of reported claims and an estimate for claims incurred but not reported (IBNR) based on historical experience.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2008 (Continued)

### NOTE 14—HEALTH INSURANCE FUND: (CONTINUED)

The fund established a liability for both reported and unreported events, which includes estimates of both future payments of losses and related claim adjustment expenses. At June 30, 2008 the fund liability was \$90,684. The following represents the change in approximate aggregate liabilities for the fund:

	Beginning of Fiscal Year (Surplus) Liability	Claims and Changes in Estimates	Claim Payments	Balance at Fiscal Year End (Surplus) Liability
2007-2008	\$ (122,208) \$	3,450,357 \$	3,237,465 \$	\$ 90,684
2006-2007	(208,970)	3,161,037	3,247,799	(122,208)
2005-2006	(175,273)	2,239,025	2,205,328	(208,970)
2004-2005	(77,144)	2,552,146	2,454,017	(175,273)
2003-2004	(200,114)	2,189,998	2,312,968	(77,144)

### NOTE 15—SURETY BONDS

#### Fidelity and Deposit Company of Maryland - Surety:

Ron Wilson, Clerk of the Circuit Court	\$ 25,000
C. R. Suddith, Jr., Treasurer	400,000
Charles L. Campbell, Commissioner of the Revenue	3,000
Daniel Presgraves, Sheriff	30,000
All Constitutional Officer's Employees - Blanket Bond	50,000

#### The Travelers Indemnity Company - Surety:

Randall Thomas, Superintendent of Schools	100,000
Barbara Stombock, Clerk of the School Board	100,000
All School Board Employees - Blanket Bond	100,000

#### Fidelity and Deposit Company of Maryland - Surety:

All County Employees - Blanket Bond	10,000
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#### Fidelity and Deposit Company of Maryland - Surety:

Tommy R. LaFrances, Chairman	1,000
Charles C. Ballard, Supervisor	1,000
Gerald M. Cubbage, Vice-Chairman	1,000
Carol L. Fisher-Strickler, Supervisor	1,000
Charles M. Hoke, Supervisor	1,000
John T. Rust, Supervisor	1,000
Department of Social Services	1,000

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

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**NOTE 16—CLOSURE AND POST-CLOSURE CARE COSTS**

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State and federal laws and regulations require that the County place a final cover on its landfill when closed and to perform certain maintenance and monitoring functions at the landfill site for thirty years after closure. In addition to operating expenses related to current activities of the landfill, an expense provision and related liability are being recognized based on the future closure and post-closure care costs that will be incurred near or after the date the landfill no longer accepts wastes. The recognition of these landfill closure and post-closure care costs are based on the amount of the landfill used during the year. The estimated liability for landfill closure and post-closure care cost is attributable to the Stanley landfill, which was closed in February 1999 and Battle Creek landfill which was acquired in June 2005.

The post-closure and thirty year monitoring costs for the Stanley landfill are estimated at \$2,197,005. The estimated total current cost of the landfill closure and post-closure care of \$2,766,848 is based on the amount that would be paid if all equipment, facilities, and services required to close, monitor, and maintain the landfill were performed as of June 30, 2008. Included in the County's post-closure and thirty year monitoring costs of \$2,145,513 is \$1,280,000 for corrective action costs for exceeding groundwater protection standards. However, the actual cost of closure and post-closure may be different due to inflation, changes in technology, or change in landfill laws and regulations.

During June of 2005, the County acquired Battle Creek landfill. The post-closure and thirty year monitoring costs are estimated at \$4,427,070. The estimated total current cost of the landfill closure and post-closure care of \$339,999 is based on the amount that would be paid if all equipment, facilities, and services required to close, monitor, and maintain the landfill were performed as of June 30, 2008. The estimated useful life of the Battle Creek landfill is 39 years. However, the actual cost of closure and post-closure may be different due to inflation, changes in technology, or change in landfill laws and regulations.

The County will finance the closure and post-closure care from future revenues earned by the General Fund and charges derived from the use of the landfill. No assets have been restricted at this time to pay these costs. The anticipated future inflation costs and additional costs that might arise from changes in post-closure requirements (due to changes in technology or laws and regulations, for example) may need to be covered from future tax revenue.

The County demonstrated financial assurance requirements for closure, post-closure care, and corrective action costs through the submission of a Local Government Financial Assurance Test to the Virginia Department of Environmental Quality in accordance with Section 9VA C20-70 of the Virginia Administrative Code.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2008 (Continued)

**NOTE 17—GENERAL FUND UNRESERVED DESIGNATED FUND BALANCE**

General Fund unreserved designated fund balance consists of the following at June 30, 2008:

Page County Water Quality	\$	14,785
Local Dare		3,421
Crime Victim Witness		1,596
Dept. of Justice VJCAA		408
DHCD		630
Virginia State Library Archives		<u>80,773</u>
Total unreserved designated fund balance	\$	<u>101,613</u>

**NOTE 18—CONSTRUCTION CONTRACTS OUTSTANDING**

The Primary Government had the following material construction contracts outstanding at June 30, 2008:

Project	Original Contract Amount	Amount Spent to Date	Amount of Contract Remaining at Year End
High Schools	\$ <u>62,000,000</u>	\$ <u>32,673,878</u>	\$ <u>29,326,122</u>

Combining Statement of Revenues, Expenditures, and Changes in Fund Balances  
 Nonmajor Special Revenue Funds  
 For the Year Ended June 30, 2007

	Virginia Public Assistance Fund	Comprehensive Services Act Fund	E-911 Fund	Parks and Recreation Fund	Total
<b>REVENUES</b>					
<b>Total</b> Other local taxes	\$ -	\$ -	\$ 178,749	\$ -	\$ 178,749
Charges for services	4,071	1,848	-	53,251	59,170
Intergovernmental revenues:					
Commonwealth	551,437	1,391,954	211,697	-	2,155,088
Federal	1,138,549	-	-	-	1,138,549
Total revenues	\$ 1,694,057	\$ 1,393,802	\$ 390,446	\$ 53,251	\$ 3,531,556
<b>EXPENDITURES</b>					
Current:					
Public safety	\$ -	\$ -	\$ 624,172	\$ -	\$ 624,172
Health and welfare	2,035,614	2,370,943	-	-	4,406,557
Parks, recreation, and cultural	-	-	-	59,907	59,907
Total expenditures	\$ 2,035,614	\$ 2,370,943	\$ 624,172	\$ 59,907	\$ 5,090,636
Excess (deficiency) of revenues over (under) expenditures	\$ (341,557)	\$ (977,141)	\$ (233,726)	\$ (6,656)	\$ (1,559,080)
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers in	\$ 341,557	\$ 977,141	\$ 229,968	\$ -	\$ 1,548,666
Total other financing sources and uses	\$ 341,557	\$ 977,141	\$ 229,968	\$ -	\$ 1,548,666
Net change in fund balances	\$ -	\$ -	\$ (3,758)	\$ (6,656)	\$ (10,414)
Fund balances - beginning	-	-	22,607	48,305	70,912
Fund balances - ending	\$ -	\$ -	\$ 18,849	\$ 41,649	\$ 60,498

County of Page, Virginia

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Nonmajor Special Revenue Funds  
For the Year Ended June 30, 2007

	VPA Fund			Variance with Final Budget Positive (Negative)	
	Budgeted Amounts		Actual		
	Original	Final			
<b>REVENUES</b>					
Charges for services	\$ -	\$ -	\$ 4,071	\$ 4,071	\$
Intergovernmental revenues:					
Commonwealth	617,612	617,612	551,437	(66,175)	
Federal	1,275,179	1,275,179	1,138,549	(136,630)	
Total revenues	<u>\$ 1,892,791</u>	<u>\$ 1,892,791</u>	<u>\$ 1,694,057</u>	<u>\$ (198,734)</u>	<u>\$</u>
<b>EXPENDITURES</b>					
Current:					
Health and welfare	<u>\$ 2,246,413</u>	<u>\$ 2,246,413</u>	<u>\$ 2,035,614</u>	<u>\$ 210,799</u>	<u>\$</u>
Total expenditures	<u>\$ 2,246,413</u>	<u>\$ 2,246,413</u>	<u>\$ 2,035,614</u>	<u>\$ 210,799</u>	<u>\$</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ (353,622)</u>	<u>\$ (353,622)</u>	<u>\$ (341,557)</u>	<u>\$ 12,065</u>	<u>\$</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers in	<u>\$ 353,622</u>	<u>\$ 353,622</u>	<u>\$ 341,557</u>	<u>\$ (12,065)</u>	<u>\$</u>
Total other financing sources and uses	<u>\$ 353,622</u>	<u>\$ 353,622</u>	<u>\$ 341,557</u>	<u>\$ (12,065)</u>	<u>\$</u>
Net change in fund balances	\$ -	\$ -	\$ -	\$ -	\$
Fund balances - beginning	-	-	-	-	\$
Fund balances - ending	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$</u>

	Comprehensive Services Fund			
	Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
	Original	Final		
with dget re ve)				
1,071	\$ -	\$ -	\$ 1,848	\$ 1,848
3,175)	1,439,443	1,439,443	1,391,954	(47,489)
3,630)	-	-	-	-
3,734)	\$ 1,439,443	\$ 1,439,443	\$ 1,393,802	\$ (45,641)
2,799	\$ 2,428,874	\$ 2,428,874	\$ 2,370,943	\$ 57,931
2,799	\$ 2,428,874	\$ 2,428,874	\$ 2,370,943	\$ 57,931
2,065	\$ (989,431)	\$ (989,431)	\$ (977,141)	\$ 12,290
2,065)	\$ 989,431	\$ 989,431	\$ 977,141	\$ (12,290)
2,065)	\$ 989,431	\$ 989,431	\$ 977,141	\$ (12,290)
-	\$ -	\$ -	\$ -	\$ -
-	\$ -	\$ -	\$ -	\$ -
-	\$ -	\$ -	\$ -	\$ -

County of Page, Virginia

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Nonmajor Special Revenue Funds  
For the Year Ended June 30, 2007 (continued)

	E-911 Fund				
	Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)	
	Original	Final			
<b>REVENUES</b>					
Other local taxes	\$ 415,000	\$ 451,002	\$ 178,749	\$ (272,253)	\$
Charges for services	-	-	-	-	
Intergovernmental revenues:					
Commonwealth	180,879	251,319	211,697	(39,622)	
Federal	-	-	-	-	
Total revenues	<u>\$ 595,879</u>	<u>\$ 702,321</u>	<u>\$ 390,446</u>	<u>\$ (311,875)</u>	<u>\$</u>
<b>EXPENDITURES</b>					
Current:					
Public safety	\$ 692,913	\$ 829,415	\$ 624,172	\$ 205,243	\$
Parks, recreation, and cultural	-	-	-	-	
Total expenditures	<u>\$ 692,913</u>	<u>\$ 829,415</u>	<u>\$ 624,172</u>	<u>\$ 205,243</u>	<u>\$</u>
Excess (deficiency) of revenues over (under) expenditures	<u>\$ (97,034)</u>	<u>\$ (127,094)</u>	<u>\$ (233,726)</u>	<u>\$ (106,632)</u>	<u>\$</u>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers in	\$ 97,034	\$ 127,094	\$ 229,968	\$ 102,874	\$
Total other financing sources and uses	<u>\$ 97,034</u>	<u>\$ 127,094</u>	<u>\$ 229,968</u>	<u>\$ 102,874</u>	<u>\$</u>
Net change in fund balances	\$ -	\$ -	\$ (3,758)	\$ (3,758)	\$
Fund balances - beginning	-	-	22,607	22,607	-
Fund balances - ending	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 18,849</u>	<u>\$ 18,849</u>	<u>\$</u>



Exhibit 13

Parks and Recreation Fund			
Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
Original	Final		
\$ -	\$ -	\$ -	\$ -
53,805	59,805	53,251	(6,554)
-	-	-	-
-	-	-	-
\$ 53,805	\$ 59,805	\$ 53,251	\$ (6,554)
\$ -	\$ -	\$ -	\$ -
53,805	59,805	59,907	(102)
\$ 53,805	\$ 59,805	\$ 59,907	\$ (102)
\$ -	\$ -	\$ (6,656)	\$ (6,656)
\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ (6,656)	\$ (6,656)
-	-	48,305	48,305
\$ -	\$ -	\$ 41,649	\$ 41,649

Combining Statement of Fiduciary Net Assets  
 Fiduciary Funds  
 June 30, 2007

	Agency Funds				
	Special Welfare	Cash Bonds Fund	Neutering/ Spaying Fund	Jail Inmate	Total
<b>ASSETS</b>					
Cash and cash equivalents	\$ 4,301	\$ 67,739	\$ 11,315	\$ 25,007	\$ 108,362
Total assets	<u>\$ 4,301</u>	<u>\$ 67,739</u>	<u>\$ 11,315</u>	<u>\$ 25,007</u>	<u>\$ 108,362</u>
<b>LIABILITIES</b>					
Amounts held for social services clients	\$ 4,301	\$ -	\$ -	\$ -	\$ 4,301
Amounts held for others	-	67,739	11,315	-	79,054
Amounts held for inmates	-	-	-	25,007	25,007
Total liabilities	<u>\$ 4,301</u>	<u>\$ 67,739</u>	<u>\$ 11,315</u>	<u>\$ 25,007</u>	<u>\$ 108,362</u>

**Combining Statement of Changes in Assets and Liabilities**  
**Agency Funds**  
**For the Year Ended June 30, 2007**

	<u>Balance Beginning of Year</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance End of Year</u>
<b>Special Welfare Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ <u>2,819</u>	\$ <u>8,823</u>	\$ <u>7,341</u>	\$ <u>4,301</u>
<b>LIABILITIES</b>				
Amounts held for social services clients	\$ <u>2,819</u>	\$ <u>8,823</u>	\$ <u>7,341</u>	\$ <u>4,301</u>
<b>Neutering/Spaying Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ <u>8,875</u>	\$ <u>5,040</u>	\$ <u>2,600</u>	\$ <u>11,315</u>
<b>LIABILITIES</b>				
Amounts held for neutering/spaying	\$ <u>8,875</u>	\$ <u>5,040</u>	\$ <u>2,600</u>	\$ <u>11,315</u>
<b>Cash Bonds Fund:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ <u>60,121</u>	\$ <u>56,619</u>	\$ <u>49,001</u>	\$ <u>67,739</u>
<b>LIABILITIES</b>				
Amounts held for bonds fund	\$ <u>60,121</u>	\$ <u>56,619</u>	\$ <u>49,001</u>	\$ <u>67,739</u>
<b>Jail Inmate Accounts Fund:</b>				
<b>ASSETS</b>				
Cash in custody of others	\$ <u>8,507</u>	\$ <u>532,133</u>	\$ <u>515,633</u>	\$ <u>25,007</u>
<b>LIABILITIES</b>				
Amounts held for inmates	\$ <u>8,507</u>	\$ <u>532,133</u>	\$ <u>515,633</u>	\$ <u>25,007</u>
<b>Totals - All Agency Funds:</b>				
<b>ASSETS</b>				
Cash and cash equivalents	\$ <u>71,815</u>	\$ <u>70,482</u>	\$ <u>58,942</u>	\$ <u>83,355</u>
Cash in custody of others	<u>8,507</u>	<u>532,133</u>	<u>515,633</u>	<u>25,007</u>
Total assets	\$ <u>80,322</u>	\$ <u>602,615</u>	\$ <u>574,575</u>	\$ <u>108,362</u>
<b>LIABILITIES</b>				
Amounts held for social services clients	\$ <u>2,819</u>	\$ <u>8,823</u>	\$ <u>7,341</u>	\$ <u>4,301</u>
Amounts held for neutering/spaying	<u>8,875</u>	<u>5,040</u>	<u>2,600</u>	<u>11,315</u>
Amounts held for bonds fund	<u>60,121</u>	<u>56,619</u>	<u>49,001</u>	<u>67,739</u>
Amounts held for inmates	<u>8,507</u>	<u>532,133</u>	<u>515,633</u>	<u>25,007</u>
Total liabilities	\$ <u>80,322</u>	\$ <u>602,615</u>	\$ <u>574,575</u>	\$ <u>108,362</u>

Combining Balance Sheet  
Discretely Presented Component Unit - School Board  
June 30, 2007

	School Operating Fund	School Cafeteria Fund	Total Governmental Funds
<b>ASSETS</b>			
Cash and cash equivalents	\$ -	\$ 541,800	\$ 541,800
Receivables (net of allowance for uncollectibles):			
Accounts receivable	29,469	-	29,469
Due from primary government	2,321,688	-	2,321,688
Due from other governmental units	776,291	-	776,291
Inventories	-	42,683	42,683
Prepaid items	21,406	-	21,406
Total assets	\$ 3,148,854	\$ 584,483	\$ 3,733,337
<b>LIABILITIES AND FUND BALANCES</b>			
Liabilities:			
Accounts payable	\$ 177,355	\$ 7,293	\$ 184,648
Accrued liabilities	2,971,499	84,940	3,056,439
Total liabilities	\$ 3,148,854	\$ 92,233	\$ 3,241,087
Fund balances:			
Unreserved:			
Designated for subsequent expenditure	\$ -	\$ 492,250	\$ 492,250
Total fund balances	\$ -	\$ 492,250	\$ 492,250
Total liabilities and fund balances	\$ 3,148,854	\$ 584,483	\$ 3,733,337

Amounts reported for governmental activities in the statement of net assets (Exhibit 1) are different because:

Total fund balances per above 492,250

Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds. 9,398,174

Internal service funds are used by management to charge the costs of certain activities, such as insurance and telecommunications, to individual funds. The assets and liabilities of the internal service funds are included in governmental activities in the statement of net assets. 933,068

Long-term liabilities, including compensated absences, are not due and payable in the current period and, therefore, are not reported in the funds. (125,131)

Net assets of governmental activities \$ 10,698,361

Combining Statement of Revenues, Expenditures, and Changes in Fund Balances  
 Governmental Funds - Discretely Presented Component Unit - School Board  
 For the Year Ended June 30, 2007

	School Operating Fund	School Cafeteria Fund	Total Governmental Funds
<b>REVENUES</b>			
Revenue from the use of money and property	\$ -	\$ 509	\$ 509
Charges for services	1,035,419	750,419	1,785,838
Intergovernmental revenues:			
Local government	7,638,686	-	7,638,686
Commonwealth	20,931,291	23,474	20,954,765
Federal	1,873,995	644,163	2,518,158
Total revenues	<u>\$ 31,479,391</u>	<u>\$ 1,418,565</u>	<u>\$ 32,897,956</u>
<b>EXPENDITURES</b>			
Current:			
Education	\$ 31,480,766	\$ 1,447,618	\$ 32,928,384
Total expenditures	<u>\$ 31,480,766</u>	<u>\$ 1,447,618</u>	<u>\$ 32,928,384</u>
Excess (deficiency) of revenues over (under) expenditures	\$ (1,375)	\$ (29,053)	\$ (30,428)
Net change in fund balances	\$ (1,375)	\$ (29,053)	\$ (30,428)
Fund balances - beginning	1,375	521,303	522,678
Fund balances - ending	<u>\$ -</u>	<u>\$ 492,250</u>	<u>\$ 492,250</u>

Amounts reported for governmental activities in the statement of activities (Exhibit 2) are different because:

Net change in fund balances - total governmental funds - per above \$ (30,428)

Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which the capital outlays exceeded depreciation in the current period.

21,835

Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore are not reported as expenditures in governmental funds.

15,844

Internal service funds are used by management to charge the costs of certain activities, such as insurance and telecommunications, to individual funds. The net revenue (expense) of certain internal service funds is reported with governmental activities.

192,070

Change in net assets of governmental activities \$ 199,321

Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
Discretely Presented Component Unit - School Board  
For the Year Ended June 30, 2007

	School Operating Fund			Variance with Final Budget Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
REVENUES				
Revenue from the use of money and property	\$ -	\$ -	\$ -	\$ -
Charges for services	899,808	1,047,860	1,035,419	(12,441)
Intergovernmental revenues:				
Local government	7,942,393	7,942,393	7,638,686	(303,707)
Commonwealth	20,831,031	20,817,348	20,931,291	113,943
Federal	1,810,141	1,810,141	1,873,995	63,854
Total revenues	\$ 31,483,373	\$ 31,617,742	\$ 31,479,391	\$ (138,351)
EXPENDITURES				
Current:				
Education	\$ 31,483,373	\$ 31,617,742	\$ 31,480,766	\$ 136,976
Total expenditures	\$ 31,483,373	\$ 31,617,742	\$ 31,480,766	\$ 136,976
Excess (deficiency) of revenues over (under) expenditures	\$ -	\$ -	\$ (1,375)	\$ (1,375)
Net change in fund balances	\$ -	\$ -	\$ (1,375)	\$ (1,375)
Fund balances - beginning	-	-	1,375	1,375
Fund balances - ending	\$ -	\$ -	\$ -	\$ -

Exhibit 18

School Cafeteria Fund			
Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
Original	Final		
\$ -	\$ -	\$ 509	\$ 509
808,558	808,558	750,419	(58,139)
-	-	-	-
24,179	24,179	23,474	(705)
642,000	642,000	644,163	2,163
\$ 1,474,737	\$ 1,474,737	\$ 1,418,565	\$ (56,172)
\$ 1,474,737	\$ 1,474,737	\$ 1,447,618	\$ 27,119
\$ 1,474,737	\$ 1,474,737	\$ 1,447,618	\$ 27,119
\$ -	\$ -	\$ (29,053)	\$ (29,053)
\$ -	\$ -	\$ (29,053)	\$ (29,053)
-	-	521,303	521,303
\$ -	\$ -	\$ 492,250	\$ 492,250

Statement of Net Assets  
Proprietary Funds  
Discretely Presented Component Unit - School Board  
June 30, 2007

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	<b>Internal Service Funds</b>
<b>ASSETS</b>	
Current assets:	
Cash and cash equivalents	\$ 933,068
Total assets	<u>\$ 933,068</u>
<b>NET ASSETS</b>	
Unrestricted	\$ 933,068
Total net assets	<u><u>\$ 933,068</u></u>

The notes to the financial statements are an integral part of this statement.



Statement of Revenues, Expenses, and Changes in Fund Net Assets  
 Proprietary Funds  
 Discretely Presented Component Unit - School Board  
 For the Year Ended June 30, 2007

	<u>Internal Service Funds</u>
<b>OPERATING REVENUES</b>	
Charges for services:	
Insurance premiums	\$ <u>3,161,037</u>
Total operating revenues	\$ <u>3,161,037</u>
<b>OPERATING EXPENSES</b>	
Insurance claims and expenses	\$ <u>2,981,000</u>
Total operating expenses	\$ <u>2,981,000</u>
Operating income (loss)	\$ <u>180,037</u>
<b>NONOPERATING REVENUES (EXPENSES)</b>	
Investment earnings	\$ <u>12,033</u>
Total nonoperating revenues (expenses)	\$ <u>12,033</u>
Change in net assets	\$ 192,070
Total net assets - beginning	<u>740,998</u>
Total net assets - ending	\$ <u><u>933,068</u></u>

The notes to the financial statements are an integral part of this statement.

## Statement of Cash Flows

## Proprietary Funds

## Discretely Presented Component Unit - School Board

For the Year Ended June 30, 2007

	<u>Internal Service Funds</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>	
Receipts for insurance premiums	\$ 3,161,037
Payments for premiums	<u>(2,981,000)</u>
Net cash provided (used) by operating activities	<u>\$ 180,037</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>	
Interest and dividends received	\$ 12,033
Net cash provided (used) by investing activities	<u>\$ 12,033</u>
Net increase (decrease) in cash and cash equivalents	\$ 192,070
Cash and cash equivalents - beginning	<u>740,998</u>
Cash and cash equivalents - ending	<u><u>\$ 933,068</u></u>
<b>Reconciliation of operating income (loss) to net cash provided by operating activities:</b>	
Operating income (loss)	\$ <u>180,037</u>
Net cash provided (used) by operating activities	<u><u>\$ 180,037</u></u>

The notes to the financial statements are an integral part of this statement.

## **SUPPORTING SCHEDULES AND TABLES**

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>General Fund:</b>				
Revenue from local sources:				
General property taxes:				
Real property taxes	\$ 7,793,933	\$ 7,793,933	\$ 9,097,250	\$ 1,303,317
Real and personal public service corporation taxes	340,000	340,000	273,394	(66,606)
Personal property taxes	3,865,625	3,865,625	4,833,114	967,489
Penalties	194,100	194,100	162,608	(31,492)
Interest	103,250	103,250	118,185	14,935
Total general property taxes	\$ 12,296,908	\$ 12,296,908	\$ 14,484,551	\$ 2,187,643
Other local taxes:				
Local sales and use taxes	\$ 1,291,000	\$ 1,291,000	\$ 1,351,034	\$ 60,034
Cellular phone taxes	250,000	250,000	218,688	(31,312)
Business licenses	136,000	136,000	179,932	43,932
Communication taxes	-	-	240,831	240,831
Consumption taxes	49,000	49,000	51,216	2,216
Motor vehicle licenses	347,000	347,000	267,265	(79,735)
Taxes on recordation and wills	351,449	351,449	273,960	(77,489)
Transient occupancy taxes	323,000	323,000	402,471	79,471
Meals taxes	255,000	255,000	275,584	20,584
Total other local taxes	\$ 3,002,449	\$ 3,002,449	\$ 3,260,981	\$ 258,532
Permits, privilege fees, and regulatory licenses:				
Animal licenses	\$ 8,000	\$ 8,000	\$ 6,132	\$ (1,868)
Land use application fees	3,000	3,000	70,880	67,880
Transfer fees	1,500	1,500	967	(533)
Permits and other licenses	537,086	537,086	331,031	(206,055)
Total permits, privilege fees, and regulatory licenses	\$ 549,586	\$ 549,586	\$ 409,010	\$ (140,576)
Fines and forfeitures:				
Court fines and forfeitures	\$ 41,038	\$ 39,274	\$ 54,251	\$ 14,977
Revenue from use of money and property:				
Revenue from use of money	\$ 150,000	\$ 150,000	\$ 524,312	\$ 374,312
Revenue from use of property	45,000	45,000	47,035	2,035
Total revenue from use of money and property	\$ 195,000	\$ 195,000	\$ 571,347	\$ 376,347
Charges for services:				
Sheriff's fees	\$ 1,943	\$ 1,943	\$ 4,837	\$ 2,894
Charges for Animal Protection	4,500	4,500	9,481	4,981
Charges for Commonwealth's Attorney	1,293	1,293	1,450	157
Work release and other inmate fees	135,000	135,000	149,623	14,623
Charges for sanitation and waste removal	1,575,000	1,575,000	802,572	(772,428)
Other charges for services	19,000	19,000	24,093	5,093
Total charges for services	\$ 1,736,736	\$ 1,736,736	\$ 992,056	\$ (744,680)
Miscellaneous revenue:				
Miscellaneous	\$ 350,762	\$ 354,660	\$ 113,272	\$ (241,388)
Total revenue from local sources	\$ 18,172,479	\$ 18,174,613	\$ 19,885,468	\$ 1,710,855
Revenue from the Commonwealth:				
Noncategorical aid:				
ABC profits	\$ 9,000	\$ 9,000	\$ 8,585	\$ (415)
Wine taxes	9,000	9,000	8,999	(1)
Mobile home titling tax	30,000	30,000	38,660	8,660
State recordation tax	351,450	351,450	40,112	(311,338)
Railroad rolling stock tax	29,000	29,000	28,585	(415)
Motor vehicle rental tax	2,200	2,200	2,817	617

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Revenue from the Commonwealth: (Continued)				
Noncategorical aid: (Continued)				
Personal property tax relief funds	\$ 1,640,791	\$ 1,640,791	\$ 1,646,075	\$ 5,284
Total noncategorical aid	\$ 2,071,441	\$ 2,071,441	\$ 1,773,833	\$ (297,608)
Categorical aid:				
Shared expenses:				
Commonwealth's attorney	\$ 246,411	\$ 246,411	\$ 265,860	\$ 19,449
Sheriff	1,999,398	1,999,398	2,183,848	184,450
Commissioner of revenue	129,630	129,630	148,919	19,289
Treasurer	116,495	116,495	134,444	17,949
Medical examiner	405	405	-	(405)
Registrar/electoral board	81,678	81,678	48,159	(33,519)
Clerk of the Circuit Court	257,679	257,679	137,486	(120,193)
Total shared expenses	\$ 2,831,696	\$ 2,831,696	\$ 2,918,716	\$ 87,020
Other categorical aid:				
CJS GTS grant	\$ -	\$ 36,850	\$ 57,215	\$ 20,365
Fire programs funds	-	-	36,631	36,631
Victim witness assistance	42,031	42,031	42,031	-
Other	193,416	193,916	72,902	(121,014)
Total other categorical aid	\$ 235,447	\$ 272,797	\$ 208,779	\$ (64,018)
Total categorical aid	\$ 3,067,143	\$ 3,104,493	\$ 3,127,495	\$ 23,002
Total revenue from the Commonwealth	\$ 5,138,584	\$ 5,175,934	\$ 4,901,328	\$ (274,606)
Revenue from the federal government:				
Payments in lieu of taxes	\$ 83,704	\$ 83,704	\$ 84,901	\$ 1,197
Noncategorical aid:				
DSS cost allocation plan reimbursement	\$ 33,000	\$ 33,000	\$ -	\$ (33,000)
Categorical aid:				
Forfeited assets	\$ 4,873	\$ 4,873	\$ 4,873	\$ -
Criminal justice technology grant	20,000	20,000	47,364	27,364
Sheriff GTS	32,000	32,000	-	(32,000)
Triad grant	-	-	2,413	2,413
Byrne Grant	-	-	129,898	129,898
DMV ground transportation safety grant	1,500	1,500	14,628	13,128
Community oriented police grants	84,557	84,557	35,980	(48,577)
Bullet proof vest grant	-	-	1,635	1,635
Terrorism prevention	-	-	53,564	53,564
FEMA/Homeland security	35,187	35,187	100,263	65,076
Citizens corp	-	-	2,508	2,508
Victim witness assistance	43,443	43,443	48,903	5,460
DEQ royalties	-	-	16	16
Total categorical aid	\$ 221,560	\$ 221,560	\$ 442,045	\$ 220,485
Total revenue from the federal government	\$ 338,264	\$ 338,264	\$ 526,946	\$ 188,682
Total General Fund	\$ 23,649,327	\$ 23,688,811	\$ 25,313,742	\$ 1,624,931

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Special Revenue Funds:</b>				
<b>Virginia Public Assistance Fund:</b>				
Revenue from local sources:				
Charges for services:				
Public assistance and welfare administration	\$ -	\$ -	\$ 4,071	\$ 4,071
Revenue from the Commonwealth:				
Categorical aid:				
Public assistance and welfare administration	\$ 617,612	\$ 617,612	\$ 551,437	\$ (66,175)
Revenue from the federal government:				
Categorical aid:				
Public assistance and welfare administration	\$ 1,275,179	\$ 1,275,179	\$ 1,138,549	\$ (136,630)
Total Virginia Public Assistance Fund	\$ 1,892,791	\$ 1,892,791	\$ 1,694,057	\$ (198,734)
<b>Comprehensive Services Act Fund:</b>				
Revenue from local sources:				
Charges for services:				
Comprehensive services	\$ -	\$ -	\$ 1,848	\$ 1,848
Revenue from the Commonwealth:				
Categorical aid:				
Comprehensive Services Act program	\$ 1,439,443	\$ 1,439,443	\$ 1,387,138	\$ (52,305)
Child support public assistance funds	-	-	4,816	4,816
Total categorical aid	\$ 1,439,443	\$ 1,439,443	\$ 1,391,954	\$ (47,489)
Total revenue from the Commonwealth	\$ 1,439,443	\$ 1,439,443	\$ 1,391,954	\$ (47,489)
Total Comprehensive Services Act Fund	\$ 1,439,443	\$ 1,439,443	\$ 1,393,802	\$ (45,641)
<b>E-911 Fund:</b>				
Revenue from local sources:				
Other local taxes:				
Emergency telephone service taxes	\$ 415,000	\$ 451,002	\$ 178,749	\$ (272,253)
Categorical aid:				
Sheriff	\$ 76,997	\$ 76,997	\$ 74,754	\$ (2,243)
PSAP grant	103,882	174,322	136,943	(37,379)
Total categorical aid	\$ 180,879	\$ 251,319	\$ 211,697	\$ (39,622)
Total revenue from the Commonwealth	\$ 180,879	\$ 251,319	\$ 211,697	\$ (39,622)
Total E-911 Fund	\$ 595,879	\$ 702,321	\$ 390,446	\$ (311,875)

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Parks and Recreation Fund</b>				
Revenue from local sources:				
Parks and recreation fees	\$ 53,805	\$ 59,805	\$ 53,251	\$ (6,554)
<b>Capital Projects Fund:</b>				
<b>County Capital Improvements Fund:</b>				
Revenue from local sources:				
Revenue from use of money and property:				
Revenue from the use of money	\$ -	\$ -	\$ 1,483,001	\$ 1,483,001
Total Primary Government	\$ 27,631,245	\$ 27,783,171	\$ 30,328,299	\$ 2,545,128
<b>Discretely Presented Component Unit - School Board:</b>				
<b>Special Revenue Funds:</b>				
<b>School Operating Fund:</b>				
Charges for services:				
Charges for education	\$ 899,808	\$ 1,047,860	\$ 1,035,419	\$ (12,441)
Total revenue from local sources	\$ 899,808	\$ 1,047,860	\$ 1,035,419	\$ (12,441)
Intergovernmental revenues:				
Revenues from local governments:				
Contribution from County of Page, Virginia	\$ 7,942,393	\$ 7,942,393	\$ 7,638,686	\$ (303,707)
Total revenues from local governments	\$ 7,942,393	\$ 7,942,393	\$ 7,638,686	\$ (303,707)
Revenue from the Commonwealth:				
Categorical aid:				
Share of state sales tax	\$ 3,408,901	\$ 3,408,901	\$ 3,148,947	\$ (261,954)
Basic school aid	11,219,365	11,219,365	11,199,875	(19,490)
GED funding	15,717	15,717	44,008	28,291
Remedial summer education	56,277	56,277	49,561	(6,716)
Gifted and talented	101,987	101,987	100,569	(1,418)
Remedial education	254,967	254,967	251,423	(3,544)
Enrollment loss payments	-	-	71,187	71,187
Special education	1,086,158	1,394,740	1,071,064	(323,676)
Textbook payments	259,582	156,369	252,127	95,758
Vocational standards of quality payments	392,649	379,032	389,297	10,265
Social security	596,622	596,622	599,789	3,167
Retirement fringe benefits	762,351	762,351	752,306	(10,045)
Vocational occupational technical education	34,182	34,182	34,562	380
Early reading intervention	58,636	58,636	56,681	(1,955)
Group life instructional	38,245	38,245	35,199	(3,046)
Adult literacy	2,880	2,880	-	(2,880)
Homebound education	34,159	34,159	12,726	(21,433)
Lottery	593,639	593,639	582,824	(10,815)
Tobacco Settlement	26,137	26,137	25,921	(216)
Regional program tuition	336,382	201,273	348,767	147,494
Compensation supplement	226,920	226,920	276,566	49,646
At risk payments	250,312	180,849	245,598	64,749
School construction	152,307	152,307	152,368	61
Primary class size	302,167	276,405	296,201	19,796
Technology	258,000	258,000	516,000	258,000
Standards of Learning algebra readiness	37,995	37,995	38,091	96

Schedule of Revenues - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Major and Minor Revenue Source	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
Discretely Presented Component Unit - School Board: (Continued)				
Special Revenue Funds: (Continued)				
School Operating Fund: (Continued)				
Revenue from the Commonwealth: (Continued)				
Categorical aid: (Continued)				
At risk four-year olds	\$ 292,123	\$ 292,123	\$ 308,352	\$ 16,229
English as a second language	29,461	29,461	37,917	8,456
Other state funds	2,910	27,809	35,365	7,556
Total categorical aid	\$ 20,831,031	\$ 20,817,348	\$ 20,931,291	\$ 113,943
Revenue from the federal government:				
Categorical aid:				
Federal land use	\$ 16,000	\$ 16,000	\$ 16,115	\$ 115
Adult literacy	70,957	70,957	43,116	(27,841)
Title I	691,724	691,724	816,370	124,646
Title VI-B, special education flow-through	657,932	657,932	576,173	(81,759)
Vocational education	67,000	67,000	67,843	843
Title VI-B, special education pre-school	17,000	17,000	10,652	(6,348)
Drug free schools	19,507	19,507	18,778	(729)
Title II Part A	192,756	192,756	177,696	(15,060)
Title V	17,265	17,265	15,025	(2,240)
School improvement grant	-	-	30,027	30,027
State academic achievement	-	-	14,241	14,241
Sliver grant	15,000	15,000	2,622	(12,378)
School-to-work	-	-	15,000	15,000
Education technology	-	-	16,212	16,212
Emergency impact aid	-	-	4,950	4,950
Learn and serve grant	-	-	14,285	14,285
Literacy challenge	-	-	34,486	34,486
Other federal funds	45,000	45,000	404	(44,596)
Total categorical aid	\$ 1,810,141	\$ 1,810,141	\$ 1,873,995	\$ 63,854
Total revenue from the federal government	\$ 1,810,141	\$ 1,810,141	\$ 1,873,995	\$ 63,854
Total School Operating Fund	\$ 31,483,373	\$ 31,617,742	\$ 31,479,391	\$ (138,351)
School Cafeteria Fund:				
Revenue from local sources:				
Revenue from use of money and property:				
Revenue from the use of money	\$ -	\$ -	\$ 509	\$ 509
Charges for services:				
Cafeteria sales	\$ 808,558	\$ 808,558	\$ 750,419	\$ (58,139)
Total revenue from local sources	\$ 808,558	\$ 808,558	\$ 750,928	\$ (57,630)
Categorical aid:				
School food program grant	\$ 24,179	\$ 24,179	\$ 23,474	\$ (705)
Total revenue from the Commonwealth	\$ 24,179	\$ 24,179	\$ 23,474	\$ (705)
Revenue from the federal government:				
Categorical aid:				
School food program grant	\$ 642,000	\$ 642,000	\$ 644,163	\$ 2,163
Total School Cafeteria Fund	\$ 1,474,737	\$ 1,474,737	\$ 1,418,565	\$ (56,172)
Total Discretely Presented Component Unit - School Board	\$ 32,958,110	\$ 33,092,479	\$ 32,897,956	\$ (194,523)



Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>General Fund:</b>				
General government administration:				
Legislative:				
Board of supervisors	\$ 223,719	\$ 223,719	\$ 142,578	\$ 81,141
General and financial administration:				
County administrator	\$ 250,388	\$ 250,388	\$ 245,327	\$ 5,061
Accounting	172,603	172,603	171,671	932
Legal services	202,350	202,350	146,235	56,115
Commissioner of revenue	613,611	613,611	600,208	13,403
Reassessment	169,885	169,885	169,885	-
Geographic information systems	334,602	334,602	204,295	130,307
Treasurer	396,758	396,758	396,757	1
Data processing	177,090	177,090	170,098	6,992
Total general and financial administration	\$ 2,317,287	\$ 2,317,287	\$ 2,104,476	\$ 212,811
Board of elections:				
Electoral board and officials	\$ 45,913	\$ 45,913	\$ 22,118	\$ 23,795
Registrar	85,432	85,432	82,296	3,136
Total board of elections	\$ 131,345	\$ 131,345	\$ 104,414	\$ 26,931
Total general government administration	\$ 2,672,351	\$ 2,672,351	\$ 2,351,468	\$ 320,883
Judicial administration:				
Courts:				
Circuit court	\$ 10,529	\$ 10,529	\$ 7,359	\$ 3,170
General district court	11,770	11,770	8,377	3,393
Special magistrates	4,700	4,700	2,932	1,768
Juvenile and domestic relations court	12,880	12,880	11,216	1,664
Sheriff	200,189	200,189	199,416	773
Victim witness program	53,376	53,376	53,088	288
Clerk of the circuit court	368,584	399,262	397,818	1,444
Total courts	\$ 662,028	\$ 692,706	\$ 680,206	\$ 12,500
Commonwealth's attorney:				
Commonwealth's attorney	\$ 347,672	\$ 349,071	\$ 349,070	\$ 1
Total judicial administration	\$ 1,009,700	\$ 1,041,777	\$ 1,029,276	\$ 12,501
Public safety:				
Law enforcement and traffic control:				
Sheriff	\$ 2,450,920	\$ 2,784,834	\$ 2,548,524	\$ 236,310
Virginia Juvenile Community Crime Control Act	42,031	42,031	45,284	(3,253)
Total law enforcement and traffic control	\$ 2,492,951	\$ 2,826,865	\$ 2,593,808	\$ 233,057
Fire and rescue services:				
Volunteer fire department	\$ 313,000	\$ 313,000	\$ 312,999	\$ 1
Volunteer rescue squads	308,310	308,310	305,541	2,769
Fire extinction	1,898	1,898	1,898	-
Total fire and rescue services	\$ 623,208	\$ 623,208	\$ 620,438	\$ 2,770
Correction and detention:				
Jail	\$ 1,549,295	\$ 1,602,982	\$ 1,380,762	\$ 222,220
Juvenile detention	162,921	162,921	161,429	1,492
Total correction and detention	\$ 1,712,216	\$ 1,765,903	\$ 1,542,191	\$ 223,712

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Public safety: (Continued)				
Inspections:				
Building	\$ 373,976	\$ 373,976	\$ 327,277	\$ 46,699
Zoning	165,882	165,882	158,216	7,666
Total inspections	<u>\$ 539,858</u>	<u>\$ 539,858</u>	<u>\$ 485,493</u>	<u>\$ 54,365</u>
Other protection:				
Animal control	\$ 431,096	\$ 414,639	\$ 360,230	\$ 54,409
Medical examiner	750	750	240	510
Emergency medical services	155,828	292,627	210,613	82,014
Concern hotline	1,800	1,800	1,800	-
Emergency services	8,830	8,830	8,130	700
Total other protection	<u>\$ 598,304</u>	<u>\$ 718,646</u>	<u>\$ 581,013</u>	<u>\$ 137,633</u>
Total public safety	<u>\$ 5,966,537</u>	<u>\$ 6,474,480</u>	<u>\$ 5,822,943</u>	<u>\$ 651,537</u>
Public works:				
Maintenance of highways, streets, bridges and sidewalks:				
Highways, streets, bridges and sidewalks	\$ 5,000	\$ 5,000	\$ 3,883	\$ 1,117
Sanitation and waste removal:				
Compactor sites	\$ 145,574	\$ 145,574	\$ 139,410	\$ 6,164
Landfill	1,796,710	1,796,710	1,478,354	318,356
Total sanitation and waste removal	<u>\$ 1,942,284</u>	<u>\$ 1,942,284</u>	<u>\$ 1,617,764</u>	<u>\$ 324,520</u>
Maintenance of general buildings and grounds:				
General properties	\$ 441,454	\$ 441,454	\$ 353,104	\$ 88,350
Total public works	<u>\$ 2,388,738</u>	<u>\$ 2,388,738</u>	<u>\$ 1,974,751</u>	<u>\$ 413,987</u>
Health and welfare:				
Health:				
Supplement of local health department	\$ 243,172	\$ 243,172	\$ 243,172	\$ -
Health advisory council	1,420	1,420	-	1,420
Total health	<u>\$ 244,592</u>	<u>\$ 244,592</u>	<u>\$ 243,172</u>	<u>\$ 1,420</u>
Mental health and mental retardation:				
Community services board	\$ 60,000	\$ 60,000	\$ 60,000	\$ -
Choices	5,000	5,000	5,000	-
Total mental health and mental retardation	<u>\$ 65,000</u>	<u>\$ 65,000</u>	<u>\$ 65,000</u>	<u>\$ -</u>
Welfare:				
Welfare administration	\$ 19,867	\$ 19,867	\$ 19,117	\$ 750
Shenandoah Area Agency on Aging	23,000	23,000	23,000	-
Shen-Paco industries	2,250	2,250	2,250	-
Access independence	34,452	34,452	34,452	-
Tax relief for the elderly	-	-	186,964	(186,964)
Total welfare	<u>\$ 79,569</u>	<u>\$ 79,569</u>	<u>\$ 265,783</u>	<u>\$ (186,214)</u>
Total health and welfare	<u>\$ 389,161</u>	<u>\$ 389,161</u>	<u>\$ 573,955</u>	<u>\$ (184,794)</u>

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
General Fund: (Continued)				
Education:				
Other instructional costs:				
Contributions to L.F. Community College	\$ 9,027	\$ 9,027	\$ 9,027	\$ -
Contribution to County School Board	7,346,129	7,346,129	7,638,686	(292,557)
Total education	\$ 7,355,156	\$ 7,355,156	\$ 7,647,713	\$ (292,557)
Parks, recreation, and cultural:				
Parks and recreation:				
Administration	\$ 117,752	\$ 117,752	\$ 117,526	\$ 226
Town recreation programs	16,000	16,000	14,500	1,500
Total parks and recreation	\$ 133,752	\$ 133,752	\$ 132,026	\$ 1,726
Cultural enrichment:				
Bluemont series	\$ 5,000	\$ 5,000	\$ 5,000	\$ -
Library:				
Regional library	\$ 158,000	\$ 158,000	\$ 158,000	\$ -
Total parks, recreation, and cultural	\$ 296,752	\$ 296,752	\$ 295,026	\$ 1,726
Community development:				
Planning and community development:				
Planning	\$ 176,821	\$ 151,821	\$ 97,289	\$ 54,532
Northern Shenandoah Planning Commission	15,516	15,516	12,966	2,550
Zoning	4,259	4,259	386	3,873
Economic development	433,893	439,137	376,820	62,317
Airport Commission	11,300	11,300	11,300	-
Chamber of Commerce	190,000	190,000	167,639	22,361
Total planning and community development	\$ 831,789	\$ 812,033	\$ 666,400	\$ 145,633
Environmental management:				
Soil and water conservation district	\$ 5,500	\$ 5,500	\$ 5,500	\$ -
Other environmental management	111,494	111,494	91,649	19,845
Total environmental management	\$ 116,994	\$ 116,994	\$ 97,149	\$ 19,845
Cooperative extension program:				
Administration	\$ 77,760	\$ 77,760	\$ 69,605	\$ 8,155
4-H center	3,500	3,500	-	3,500
Total cooperative extension program	\$ 81,260	\$ 81,260	\$ 69,605	\$ 11,655
Total community development	\$ 1,030,043	\$ 1,010,287	\$ 833,154	\$ 177,133
Nondepartmental:				
Miscellaneous	\$ 200,615	\$ 200,615	\$ 159,074	\$ 41,541
Debt service:				
Principal retirement	\$ 649,837	\$ 649,837	\$ 649,837	\$ -
Interest and other fiscal charges	810,332	810,332	796,643	13,689
Total debt service	\$ 1,460,169	\$ 1,460,169	\$ 1,446,480	\$ 13,689
Total General Fund	\$ 22,769,222	\$ 23,289,486	\$ 22,133,840	\$ 1,155,646

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Special Revenue Funds:</b>				
<b>Virginia Public Assistance Fund:</b>				
Health and welfare:				
Welfare and social services:				
Welfare administration	\$ 2,246,413	\$ 2,246,413	\$ 2,035,614	\$ 210,799
Total Virginia Public Assistance Fund	\$ 2,246,413	\$ 2,246,413	\$ 2,035,614	\$ 210,799
<b>Comprehensive Services Act Fund:</b>				
Health and welfare:				
Welfare and social services:				
Comprehensive services	\$ 2,428,874	\$ 2,428,874	\$ 2,370,943	\$ 57,931
Total Comprehensive Services Act Fund	\$ 2,428,874	\$ 2,428,874	\$ 2,370,943	\$ 57,931
<b>E-911 Fund</b>				
Public safety				
Law enforcement and traffic control:				
Emergency services	\$ 692,913	\$ 829,415	\$ 624,172	\$ 205,243
Total E-911 Fund	\$ 692,913	\$ 829,415	\$ 624,172	\$ 205,243
<b>Parks and Recreation Fund:</b>				
Parks, recreation, and cultural:				
Parks and recreation:				
Supervision of parks and recreation	\$ 53,805	\$ 59,805	\$ 59,907	\$ (102)
Total Parks and Recreation fund	\$ 53,805	\$ 59,805	\$ 59,907	\$ (102)
<b>Capital Projects Fund:</b>				
<b>County Capital Improvements Fund:</b>				
Capital projects expenditures:				
Stanley wells	\$ -	\$ -	\$ 5,748	\$ (5,748)
Office building	-	-	168,509	(168,509)
Battlecreek landfill	-	-	175,243	(175,243)
Courthouse repair	75,000	75,000	-	75,000
School construction	12,000,000	12,000,000	1,242,927	10,757,073
Parking lot	106,000	106,000	-	106,000
Total capital projects	\$ 12,181,000	\$ 12,181,000	\$ 1,592,427	\$ 10,588,573
Total Capital Projects Fund	\$ 12,181,000	\$ 12,181,000	\$ 1,592,427	\$ 10,588,573
Total Primary Government	\$ 40,372,227	\$ 41,034,993	\$ 28,816,903	\$ 11,955,018

Schedule of Expenditures - Budget and Actual  
Governmental Funds  
For the Year Ended June 30, 2007

Fund, Function, Activity and Elements	Original Budget	Final Budget	Actual	Variance with Final Budget - Positive (Negative)
<b>Discretely Presented Component Unit - School Board:</b>				
<b>Special revenue funds:</b>				
<b>School Operating Fund:</b>				
<b>Education:</b>				
Instructional	\$ 23,803,264	\$ 23,937,633	\$ 24,062,140	\$ (124,507)
Administration, attendance and health services	1,403,446	1,403,446	1,394,586	8,860
Pupil transportation	1,732,811	1,732,811	1,730,733	2,078
Operation and maintenance	2,145,163	2,145,163	2,273,326	(128,163)
Facilities	1,442,996	1,442,996	922,999	519,997
Technology	955,693	955,693	1,096,982	(141,289)
Total education	<u>\$ 31,483,373</u>	<u>\$ 31,617,742</u>	<u>\$ 31,480,766</u>	<u>\$ 136,976</u>
Total School Fund	<u>\$ 31,483,373</u>	<u>\$ 31,617,742</u>	<u>\$ 31,480,766</u>	<u>\$ 136,976</u>
<b>Cafeteria Fund:</b>				
<b>Education:</b>				
<b>School food services:</b>				
Administration of school food program	\$ 1,474,737	\$ 1,474,737	\$ 1,447,618	\$ 27,119
Total Cafeteria Fund	<u>\$ 1,474,737</u>	<u>\$ 1,474,737</u>	<u>\$ 1,447,618</u>	<u>\$ 27,119</u>
Total Discretely Presented Component Unit - School Board	<u>\$ 32,958,110</u>	<u>\$ 33,092,479</u>	<u>\$ 32,928,384</u>	<u>\$ 164,095</u>

County of Page, Virginia

Government-Wide Expenses by Function  
Last Ten Fiscal Years (1)

Fiscal Year	General Government Administration	Judicial Administration	Public Safety	Public Works	Health and Welfare	Education
2003	\$ 1,802,088	\$ 511,950	\$ 3,773,049	\$ 872,084	\$ 3,578,116	\$ 24,331,059
2004	1,775,099	536,525	4,119,161	1,402,309	3,410,508	31,550,735
2005	2,242,701	567,197	5,130,121	3,645,202	5,023,348	33,832,956
2006	2,391,188	912,629	5,562,040	4,237,339	4,797,023	39,170,831
2007	2,721,418	1,031,210	6,326,121	2,284,169	5,010,637	41,076,429

Includes the primary government and component unit school board.

(1) Information has only been available for 5 years.

Table 1

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<u>Parks, Recreation, and Cultural</u>	<u>Community Development</u>	<u>Interest on Long- Term Debt</u>	<u>Total</u>
\$ 282,110	\$ 804,207	\$ 277,226	\$ 36,231,889
239,088	1,237,918	279,279	44,550,622
260,385	895,947	292,062	51,889,919
304,228	1,042,107	518,790	58,936,175
355,263	843,537	2,057,773	61,706,557

County of Page, Virginia

Government-Wide Revenues  
Last Ten Fiscal Years (1)

Fiscal Year	PROGRAM REVENUES					Other Local Taxes
	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	General Property Taxes		
2003	\$ 1,689,687	\$ 11,445,428	\$ 153,292	\$ 10,796,506		\$ 2,580,809
2004	2,019,634	12,344,452	953,309	11,874,051		2,740,223
2005	2,051,081	14,382,906	175,370	10,938,203		2,949,991
2006	3,234,225	27,467,464	440,382	13,906,915		3,326,249
2007	3,337,956	30,146,101	152,368	14,274,262		2,749,063

Includes the primary government and component unit school board.

(1) Information has only been available for 5 years.



Table 2

GENERAL REVENUES						
Permits, Privilege Fees, Regulatory Licenses	Unrestricted Investment Earnings	Miscellaneous	Grants and Contributions Not Restricted to Specific Programs	Extraordinary item	Total	
\$ 152,574	\$ 106,935	\$ 16,599	\$ 12,654,359	-	\$ 39,596,189	
-	82,081	126,951	18,060,211	-	48,200,912	
-	242,075	481,585	19,707,978	(7,967,220)	42,961,969	
-	245,063	266,186	10,494,961	-	59,381,445	
-	2,054,857	113,272	9,862,420	-	62,690,299	

County of Page, Virginia

General Governmental Expenditures by Function (1)  
Last Ten Fiscal Years

Fiscal Year	General Government Administration	Judicial Administration	Public Safety	Public Works	Health and Welfare	Education (2)	Parks, Recreation, and Cultural
2007 \$	2,351,468 \$	1,029,276 \$	6,447,115 \$	1,974,751 \$	4,980,512 \$	32,937,411 \$	354,933
2006	2,154,250	918,482	5,561,815	2,175,521	4,793,577	30,265,796	302,498
2005	2,045,242	552,205	5,101,149	2,618,203	4,301,745	27,068,031	261,496
2004	1,748,387	534,265	4,064,554	1,444,263	3,397,920	26,294,403	238,320
2003	1,661,630	506,893	3,984,258	1,041,738	3,528,163	23,855,414	281,615
2002	2,036,139	492,982	3,502,258	2,324,754	3,177,785	23,035,269	206,773
2001	1,461,650	414,758	3,478,031	3,898,838	3,223,180	22,605,880	183,920
2000	1,275,422	420,928	3,020,904	3,745,871	3,157,580	21,679,101	187,780
1999	1,539,178	308,430	2,715,023	2,432,352	3,700,613	21,221,521	157,228
1998	1,473,208	300,451	2,374,953	851,682	3,285,807	19,710,184	140,627

(1) Includes General and Special Revenue funds of the Primary Government and its Discretely Presented Component Unit School Board.

(2) Excludes contribution from Primary Government to Discretely Presented Component Unit.

Table 3

<u>Community Development</u>	<u>Non- departmental</u>	<u>Debt Service</u>	<u>Total</u>
\$ 833,154	\$ 159,074	\$ 1,446,480	\$ 52,514,174
1,031,354	193,941	11,115,864	58,513,098
657,747	177,861	876,320	43,659,999
1,042,445	-	904,860	39,669,417
685,457	69,938	936,668	36,551,774
400,689	93,068	1,652,243	36,921,960
927,888	91,641	1,301,482	37,587,268
460,068	95,321	1,246,511	35,289,486
292,486	-	966,704	33,333,535
266,074	-	1,007,798	29,410,784

County of Page, Virginia

General Governmental Revenues by Source (1)  
Last Ten Fiscal Years

Fiscal Year	General Property Taxes	Other Local Taxes	Permits, Privilege Fees, Regulatory Licenses	Fines and Forfeitures	Revenue from the Use of Money and Property	Charges for Services	Miscellaneous
2007 \$	14,484,551	\$ 3,349,730	\$ 409,010	\$ 54,251	\$ 571,946	\$ 2,837,064	\$ 113,272
2006	12,987,869	3,326,249	263,136	20,355	245,063	2,624,771	266,986
2005	11,281,113	2,949,991	246,273	17,087	214,488	1,682,675	493,262
2004	11,484,813	2,740,223	159,776	10,629	57,614	1,849,229	126,951
2003	10,968,864	2,580,809	152,574	20,352	89,060	1,669,335	16,599
2002	10,156,868	2,579,003	153,460	1,279	166,458	2,908,085	157,089
2001	10,368,204	2,489,381	114,583	3,203	283,617	3,070,896	232,287
2000	8,329,085	1,986,668	106,868	1,732	98,154	2,951,325	71,686
1999	7,823,584	1,449,817	382,242	681	228,777	2,056,797	137,041
1998	9,116,554	1,365,857	368,253	448	201,830	1,498,422	40,705

(1) Includes General and Special Revenue funds of the Primary Government and its Discretely Presented Component Units.

(2) Excludes contribution from Primary Government to Discretely Presented Component Unit.

Table 4

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Inter-		Total	
governmental (2)			
\$	32,194,834	\$	54,014,658
	29,871,104		49,605,533
	27,560,147		44,445,036
	25,111,708		41,540,943
	24,253,079		39,750,672
	23,141,731		39,263,973
	23,412,534		39,974,705
	21,243,575		34,789,093
	20,170,794		32,249,733
	18,585,888		31,177,957

Property Tax Levies and Collections  
Last Ten Fiscal Years

Fiscal Year	Total Tax Levy (1,3)	Current Tax Collections (1) (4)	(5) Percent of Levy Collected	Delinquent Tax Collections (1)	Total Tax Collections	Percent of Total Tax Collections to Tax Levy	Outstanding Delinquent Taxes (1,2,4)	Percent of Delinquent Taxes to Tax Levy
2007 \$	15,621,561	\$ 14,668,962	94%	\$ 1,180,871	\$ 15,849,833	101%	\$ 2,197,649	14%
2006	15,810,214	12,863,380	81%	1,454,934	14,318,314	91%	1,573,679	10%
2005	12,283,947	11,309,130	92%	1,194,917	12,504,047	102%	1,286,692	10%
2004	12,540,769	11,334,556	90%	1,488,329	12,822,885	102%	1,766,421	14%
2003	11,821,035	10,777,131	91%	1,435,572	12,212,703	103%	1,431,942	12%
2002	11,131,184	10,152,721	91%	1,251,836	11,404,557	102%	1,271,732	11%
2001	10,788,769	9,795,678	91%	1,364,752	11,160,430	103%	1,332,400	12%
2000	8,409,401	7,596,024	90%	928,625	8,524,649	101%	1,126,898	13%
1999	7,713,792	6,952,772	90%	498,122	7,450,894	97%	1,072,731	14%
1998	9,610,644	8,724,885	91%	294,332	9,019,217	94%	1,080,841	11%

(1) Exclusive of penalties and interest.

(2) Includes three most current delinquent tax years and first half of current tax year.

(3) 1999 was the first year for personal property tax relief by the Commonwealth of Virginia.

(4) During 2003-2004, a large County taxpayer filed for bankruptcy. The amount due in these years was \$259,174 and \$129,220 respectively which increased the amount of outstanding taxes at year end.

(5) The first half of 2006 PPTRA levy will not be able to be collected by the County until December, resulting in a lower collection %.

Assessed Value of Taxable Property (1)  
Last Ten Fiscal Years

Fiscal Year	Real Estate (3)	Personal Property & Mobile Homes	Machinery and Tools	Public Service		Total
				Real Estate	Personal Property	
2007	\$ 1,711,515,700	\$ 191,693,126	\$ 22,404,153	\$ 40,687,398	\$ 26,289	\$ 1,966,326,666
2006 (4)	1,180,515,800	276,822,073	35,212,565	50,947,774	40,143	1,543,538,355
2005	1,152,721,350	148,838,075	26,230,035	51,768,150	61,131	1,379,618,741
2004	1,129,510,700	151,925,285	40,227,075	55,715,193	48,915	1,377,427,168
2003	998,697,750	144,003,465	41,513,060	48,312,800	73,511	1,232,600,586
2002	870,283,100	137,775,946	39,588,085	57,184,003	41,019	1,104,872,153
2001	857,631,900	134,560,206	32,691,850	59,136,499	104,355	1,084,124,810
2000	843,206,716	123,839,996	31,166,050	58,748,690	95,379	1,057,056,831
1999	971,722,532	110,071,802	39,898,840	58,602,018	143,341	1,180,438,533
1998	932,641,300	105,681,490	34,167,185	59,433,952	180,359	1,132,104,286

(1) Assessment at 100% of value.

(2) County began semi-annual billing in 1998 for real estate. Accordingly, the levies and collections for the year 1998 include those for calendar year 1997 and the first half of 1998.

(3) Prior to 2000, assessments for real estate values include nontaxable property.

(4) 2006 was the first year the County implemented semi-annual billing for personal property.

Property Tax Rates (1)  
Last Ten Fiscal Years

Fiscal Years	Real Estate/ Mobile Homes (2)	Personal Property	Machinery and Tools/ Motor Carrier	Farm Machinery
2007	\$ 0.67/0.48	\$ 3.00/3.90	\$ 2.00	\$ 0.60/0.30
2006	0.67	3.00	2.00	0.60
2005	0.67	3.00	2.00	0.60
2004	0.67	3.00	2.00	0.60
2003	0.74/0.67	3.00	2.00	0.60
2002	0.74	3.00	2.00	0.60
2001	0.74	3.00	2.00	0.60
2000	0.54/0.74	2.25	1.25	0.30
1999	0.54	2.25	1.25	0.30
1998	0.54	2.25	1.25	0.30

(1) Per \$100 of assessed value.

(2) The rates shown are for the second half/first half of 1999/2000; 2002/2003; 2006/2007. All other years the rates remained consistent throughout the fiscal year.



Ratio of Net General Bonded Debt to  
Assessed Value and Net Bonded Debt Per Capita  
Last Ten Fiscal Years

Fiscal Year	Population (1)	Assessed Value (in thousands) (2)	Gross Bonded Debt (3)	Ratio of Net Bonded Debt to Assessed Value	Net Bonded Debt per Capita
2007	23,177	\$ 1,966,326,666	\$ 57,653,918	2.93%	\$ 2,487.55
2006	23,177	1,543,538,355	14,429,005	0.93%	622.56
2005	23,177	1,379,618,741	14,236,867	1.03%	614.27
2004	23,177	1,377,427,168	4,758,933	0.35%	205.33
2003	23,177	1,232,600,586	5,865,000	0.48%	253.05
2002	23,177	1,104,872,153	4,840,000	0.44%	208.83
2001	23,177	1,084,124,810	5,871,259	0.54%	253.32
2000	23,000	1,057,056,831	5,142,854	0.49%	223.60
1999	23,000	1,180,438,533	4,965,000	0.42%	215.87
1998	23,000	1,132,104,286	5,610,000	0.50%	243.91

(1) Bureau of the Census.

(2) From Table 6.

(3) Includes all long-term general obligation bonded debt and Literary Fund Loans.  
Excludes revenue bonds, capital leases, compensated absences.

Ratio of Annual Debt Service Expenditures for General Bonded  
Debt to Total General Governmental Expenditures (1)  
Last Ten Fiscal Years

Fiscal Year	Principal (4)	Interest	Total Debt Service	Total General Governmental Expenditures	Ratio of Debt Service to General Governmental Expenditures
2007	\$ 649,837	\$ 796,643	\$ 1,446,480	\$ 52,514,174	2.75%
2006	599,369	516,495	1,115,864	58,513,098	1.91%
2005	606,826	269,494	876,320	43,659,999	2.01%
2004	615,018	289,842	904,860	39,669,417	2.28%
2003	663,283	273,385	936,668	36,823,254	2.54%
2002	1,153,108	499,135	1,652,243	36,921,960	4.47%
2001	854,907	453,452	1,308,359	37,587,268	3.48%
2000	843,766	370,716	1,214,482	35,289,486	3.44%
1999	645,000	321,704	966,704	33,333,535	2.90%
1998	650,000	357,798	1,007,798	29,410,784	3.43%

(1) Includes General Obligation Bonds, State Literary Fund Loans, and Capital Leases.

(2) Excludes bond issuance and other costs.

(3) Includes General and Special Revenue Funds of the Primary Government and Discretely Presented Component Unit - School Board.

(4) Does not include \$10,000,000 loan paid off with 2006 bond issue.

## COMPLIANCE

# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

### TO THE HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS COUNTY OF PAGE, VIRGINIA

We have audited the financial statements of the governmental activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the County of Page, Virginia as of and for the year ended June 30, 2007, which collectively comprise the County's basic financial statements and have issued our report thereon dated February 6, 2008. We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and the Specifications for Audits of Counties, Cities, and Towns issued by the Auditor of Public Accounts of the Commonwealth of Virginia.

#### Internal Control Over Financial Reporting:

In planning and performing our audit, we considered the County of Page, Virginia's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the County of Page, Virginia's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the County of Page, Virginia's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the County of Page, Virginia's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the County of Page, Virginia's financial statement that is more than inconsequential will not be prevented or detected by the County of Page, Virginia's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the County of Page, Virginia's internal control.

Our consideration of the internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

#### Compliance and Other Matters:

As part of obtaining reasonable assurance about whether the County of Page, Virginia's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

However, we noted certain matters involving the internal control structure and its operation that we have reported to the management of the County of Page, Virginia in a separate letter dated February 6, 2008.

This report is intended solely for the information and use of the Board of Supervisors, management and federal awarding agencies and pass-through entities and it is not intended to be and should not be used by anyone other than these specified parties.

*Robinson, Farmer, Cox Associates*

Verona, Virginia  
February 6, 2008

# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## REPORT ON COMPLIANCE WITH REQUIREMENTS APPLICABLE TO EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133

### TO THE HONORABLE GOVERNING BODY COUNTY OF PAGE, VIRGINIA

#### Compliance

We have audited the compliance of the County of Page, Virginia with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement that are applicable to each of its major federal programs for the year ended June 30, 2007. The County of Page, Virginia's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the County of Page, Virginia's management. Our responsibility is to express an opinion on the County of Page, Virginia's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the County of Page, Virginia's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the County of Page, Virginia's compliance with those requirements.

In our opinion, the County of Page, Virginia complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2007.

#### Internal Control Over Compliance

The management of the County of Page, Virginia is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts and grants applicable to federal programs. In planning and performing our audit, we considered the County of Page, Virginia's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the County of Page, Virginia's internal control over compliance.

A control deficiency in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by entity's internal control.

Our consideration of the internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of the Board of Supervisors, management and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

*Robinson, Farmer, Cox Associates*

Verona, Virginia  
February 6, 2008

COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards  
 Primary Government and Discretely Presented Component Unit School Board  
 Year Ended June 30, 2007

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
<b><u>PRIMARY GOVERNMENT:</u></b>		
Department of Agriculture:		
Pass Through Payments:		
Virginia Department of Agriculture		
and Consumer Services:		
State Adm Matching Grants - Food Stamps	10.561 \$	191,360
Total Department of Agriculture		\$ 191,360
Department of Natural Resources and Conservation:		
Pass Through Payments:		
Department of Environmental Quality:		
DEQ rent royalties	66.000 \$	16
Total Department of Natural Resources and Conservation		\$ 16
Department of Health and Human Services:		
Pass Through Payments:		
Department of Social Sevcies:		
Temporary Assistance to Needy Families	93.558 \$	181,017
Refugee & Entrant Assistance - State Adm	93.566	176
Low-Income Home Energy Assistance	93.568	19,116
Foster Care - Title IV-E	93.658	153,782
Adoption Assistance	93.659	39,445
Child Welfare Services	93.645	8,819
Social Services Block Grant	93.667	151,395
Independent Living	93.674	1,107
Family Preservation and Support	93.556	23,904
Medical Assistance program (Title XIX)	93.778	153,850
Payments to States for Child Care Assistance	93.575	125,112
Admin FAMIS	93.767	338
Child Care and Development Fund	93.596	89,128
Total Department of Health and Human Services		\$ 947,189
Department of the Interior:		
Direct Payments:		
Bureau of Land Management:		
Payment in Lieu of Taxes	12.112 \$	84,901



COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards (Continued)  
 Primary Government and Discretely Presented Component Unit School Board  
 Year Ended June 30, 2007

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
U.S. Department of Justice:		
Pass Through Payments:		
Department of Criminal Justice Services:		
Bullet proof vest grant	16.607 \$	1,635
Local law enforcement block grant	16.592	47,364
Terrorism prevention	16.000	53,564
Criminal justice triad grant	16.592	2,413
Victim witness assistance grant	16.575	48,903
Asset seizure proceeds	16.000	4,873
Byrne grant	16.580	129,898
Community oriented police grant	16.000	35,980
Total Department of Criminal Justice Services		\$ 324,630
U.S. Department of Homeland Security		
Pass Through Payments:		
Department of Emergency Services		
Homeland security	97.067 \$	100,263
Citizens corp	97.000	2,508
Total Department of Emergency Services		\$ 102,771
Department of Transportation:		
Pass Through Payments:		
Department of Motor Vehicles:		
State and community highway safety program	20.600 \$	14,628
Total Primary Government		\$ 1,665,495
<b><u>COMPONENT UNIT SCHOOL BOARD:</u></b>		
Department of Agriculture:		
Pass Through Payments:		
Department of Education:		
School breakfast program	10.553 \$	123,883
National school lunch program	10.555	520,280
Department of Agriculture:		
Food distribution-school lunch	10.555	90,976
Forest Reserve Funds	10.665	16,115
Total Department of Agriculture		\$ 751,254

COUNTY OF PAGE, VIRGINIA

Schedule of Expenditures of Federal Awards (Continued)

Primary Government and Discretely Presented Component Unit School Board

Year Ended June 30, 2007

Federal Granting Agency/ Recipient State Agency/ Grant Program/Grant Number	Federal Catalog Number	Expenditures
Department of Education:		
Pass Through Payments:		
Department of Education:		
Adult Basic Education	84.002 \$	43,116
Title I	84.010	833,233
School improvement	84.000	30,027
AP grant	84.330	156
Education technology	84.318	9,968
Emergency impact aid	84.938	4,950
Title VI-B:		
Handicapped - state grants	84.027	582,665
Preschool Incentive grant	84.173	10,652
Vocational Education:		
Basic grants to states	84.048	67,843
Title II Part A	84.367	177,696
Title V	84.298	15,025
Drug free schools and communities	84.186	18,778
Literacy challenge grant	84.287	34,486
Total Department of Education		\$ 1,828,595
Corporation for National and Community Services:		
Pass Through Payments:		
Department of Education:		
Learn and serve-National Community Services Act	94.004 \$	14,285
Total Department of Labor		\$ 14,285
Department of Labor:		
Pass Through Payments:		
Department of Education:		
School-To-Work Transition Program	17.261 \$	15,000
Total Department of Labor		\$ 15,000
Total Component Unit School Board		\$ 2,609,134

NOTE A-BASIS OF PRESENTATION

The accompanying schedule of federal expenditures includes the federal grant activity of the County of Page, Virginia and is presented on the accrual basis of accounting. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

NOTE B-FOOD DISTRIBUTION

Nonmonetary assistance is reported in the schedule at the fair market value of the commodities received and disbursed. At June 30, 2007, the County had food commodities totaling \$42,683 in inventory.

COUNTY OF PAGE, VIRGINIA

Schedule of Findings and Questioned Costs  
For the Year Ended June 30, 2007

**Section I-Summary of Auditors' Results**

Financial Statements

Type of auditors' report issued unqualified

Internal control over financial reporting:

- Material weaknesses identified?     yes   x   no
- Significant deficiencies identified that are not considered to be material weaknesses?     yes   x   none reported

Non compliance material to financial statements noted?

Federal Awards

Internal control over major programs: unqualified

- Material weaknesses identified?     yes   x   no
- Significant deficiencies identified that are not considered to be material weaknesses?     yes   x   no

Type of auditors' report issued on compliance for major programs: unqualified

Any audit findings disclosed that are required to be reported in accordance with section 510(a) of Circular A-133?     yes   x   no

Identification of major programs:

<u>CFDA Numbers</u>	<u>Name of Federal Program or Cluster</u>
---------------------	---

84.010 .....	Title I
--------------	---------

Nutrition Cluster:

10.553 .....	School Breakfast Program
10.555 .....	National School Lunch Program
10.555 .....	Food Distribution

Dollar threshold used to distinguish between type A and type B programs:    \$300,000   

Auditee qualified as low-risk auditee?   x   yes     no

**Section II-Financial Statement Findings**

None

**Section III-Federal Award Findings and Questioned Costs**

None

**COUNTY OF PAGE, VIRGINIA**

**FINANCIAL REPORT**

**YEAR ENDED JUNE 30, 2007**

COUNTY OF PAGE, VIRGINIA  
FINANCIAL REPORT  
FISCAL YEAR ENDED JUNE 30, 2007

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Table of Contents

	<u>Page</u>
<b>INTRODUCTORY SECTION</b>	
Directory of Principal Officials .....	i
Organizational Chart .....	ii
Independent Auditors' Report .....	1-2
Management's Discussion and Analysis .....	3-8
<b>Basic Financial Statements:</b>	
Government—wide Financial Statements	
Exhibit 1    Statement of Net Assets .....	9
Exhibit 2    Statement of Activities .....	10-11
Fund Financial Statements	
Exhibit 3    Balance Sheet — Governmental Funds .....	12
Exhibit 4    Reconciliation of the Balance Sheet of Governmental Funds to the Statement of Net Assets .....	13
Exhibit 5    Statement of Revenues, Expenditures, and Changes in Fund Balances Governmental Funds .....	14
Exhibit 6    Reconciliation of Statement of Revenues, Expenditures, and Changes in Fund Balances Governmental Funds to the Statement of Activities .....	15
Exhibit 7    Statement of Fiduciary Net Assets — Fiduciary Funds .....	16
Notes to Financial Statements .....	17-41
<b>Required Supplementary Information:</b>	
Exhibit 8    General Fund — Schedule of Revenues, Expenditures, and Changes in Fund Balances — Budget and Actual .....	42
Exhibit 9    Schedule of Pension Funding Progress .....	43
<b>Other Supplementary Information:</b>	
Exhibit 10   Capital Projects Fund — Schedule of Revenues, Expenditures, and Changes In Fund Balances — Budget and Actual .....	44
Exhibit 11   Combining Balance Sheet — Nonmajor Special Revenue Funds .....	45
Exhibit 12   Combining Statement of Revenues, Expenditures, and Changes in Fund Balances — Nonmajor Special Revenue Funds .....	46
Exhibit 13   Combining Schedule of Revenues, Expenditures and Changes in Fund Balances — Budget and Actual — Nonmajor Special Revenue Funds .....	47-50
Exhibit 14   Combining Statement of Fiduciary Net Assets — Fiduciary Funds .....	51
Exhibit 15   Combining Statement of Changes in Assets and Liabilities — Agency Funds	52
Exhibit 16   Combining Balance Sheet — Discretely Presented Component Unit — School Board .....	53

## Table of Contents (continued)

	<u>Page</u>
<b>Other Supplementary Information: (Continued)</b>	
Exhibit 17 Combining Statement of Revenues, Expenditures, and Changes in Fund Balances — Governmental Funds — Discretely Presented Component Unit — School Board.....	54
Exhibit 18 Combining Schedule of Revenues, Expenditures, and Changes in Fund Balances — Budget and Actual — Discretely Presented Component Unit — School Board.....	55-56
Exhibit 19 Statement of Net Assets — Proprietary Funds-Discretely Presented Component Unit — School Board.....	57
Exhibit 20 Statement of Revenues, Expenditures, and Changes in Fund Net Assets — Proprietary Funds-Discretely Presented Component Unit — School Board ...	58
Exhibit 21 Statement of Cash Flows — Proprietary Funds-Discretely Presented Component Unit — School Board.....	59
 <b>Supporting Schedules and Tables</b>	
Schedule 1 Schedule of Revenues — Budget and Actual — Governmental Funds .....	60-64
Schedule 2 Schedule of Expenditures — Budget and Actual — Governmental Funds .....	65-69
Table 1 Government-Wide Expenses by Function.....	70-71
Table 2 Government-Wide Revenues by Function .....	72-73
Table 3 General Governmental Expenditures by Function — Last Ten Fiscal Years ...	74-75
Table 4 General Governmental Revenues by Source — Last Ten Fiscal Years .....	76-77
Table 5 Property Tax Levies and Collections — Last Ten Fiscal Years .....	78
Table 6 Assessed Value of Taxable Property — Last Ten Fiscal Years.....	79
Table 7 Property Tax Rates — Last Ten Fiscal Years .....	80
Table 8 Ratio of Net General Bonded Debt to Assessed Value and Net Bonded Debt Per Capita — Last Ten Fiscal Years .....	81
Table 9 Ratio of Annual Debt Service Expenditures for General Bonded Debt to Total General Governmental Expenditures — Last Ten Fiscal Years.....	82
 <b>Compliance</b>	
Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards .....	83-84
Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control over Compliance in Accordance with OMB Circular A-133 .....	85-86
Schedule of Expenditures of Federal Awards.....	87-89
Schedule of Findings and Questioned Costs.....	90

COUNTY OF PAGE, VIRGINIA

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BOARD OF SUPERVISORS

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Tommy R. LaFrance, Chairman  
Gerald M. Cubbage, Vice-Chairman

Charles C. Ballard  
John T. Rust

Charles M. Hoke  
Carol L. Fisher-Strickler

Mark Belton, County Administrator

OFFICIALS

---

Judge of the Circuit Court .....	James V. Lane
Judge of the General District Court .....	W. Dale Houff
Judge of the Juvenile & Domestic Relations District Court .....	William W. Sharp
Clerk of the Circuit Court .....	Ron Wilson
Commonwealth's Attorney .....	John T. Hennessy
Commissioner of the Revenue .....	Charles L. Campbell
Treasurer .....	C. R. Suddith, Jr.
Sheriff .....	Daniel W. Presgraves
Superintendent of Schools .....	Randall W. Thomas
Director of Department of Social Services .....	Peter J. Creaturo

SCHOOL BOARD

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Shanon K. Lucas, Chairman

Randy J. Bailey  
Bryan Cave, Vice Chairman

Larry W. Foltz  
C. L. Tomney

Barbara Stombock, Clerk

FINANCE BOARD

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Members, Page County Board of Supervisors  
C. R. Suddith, Jr.

BOARD OF SOCIAL SERVICES

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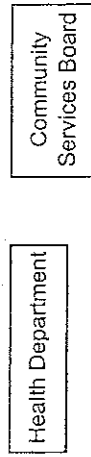
Audrey Sedwick, Chairman

Gerald M. Cubbage  
Penny Good

Louise Kyger  
Jeanette Painter

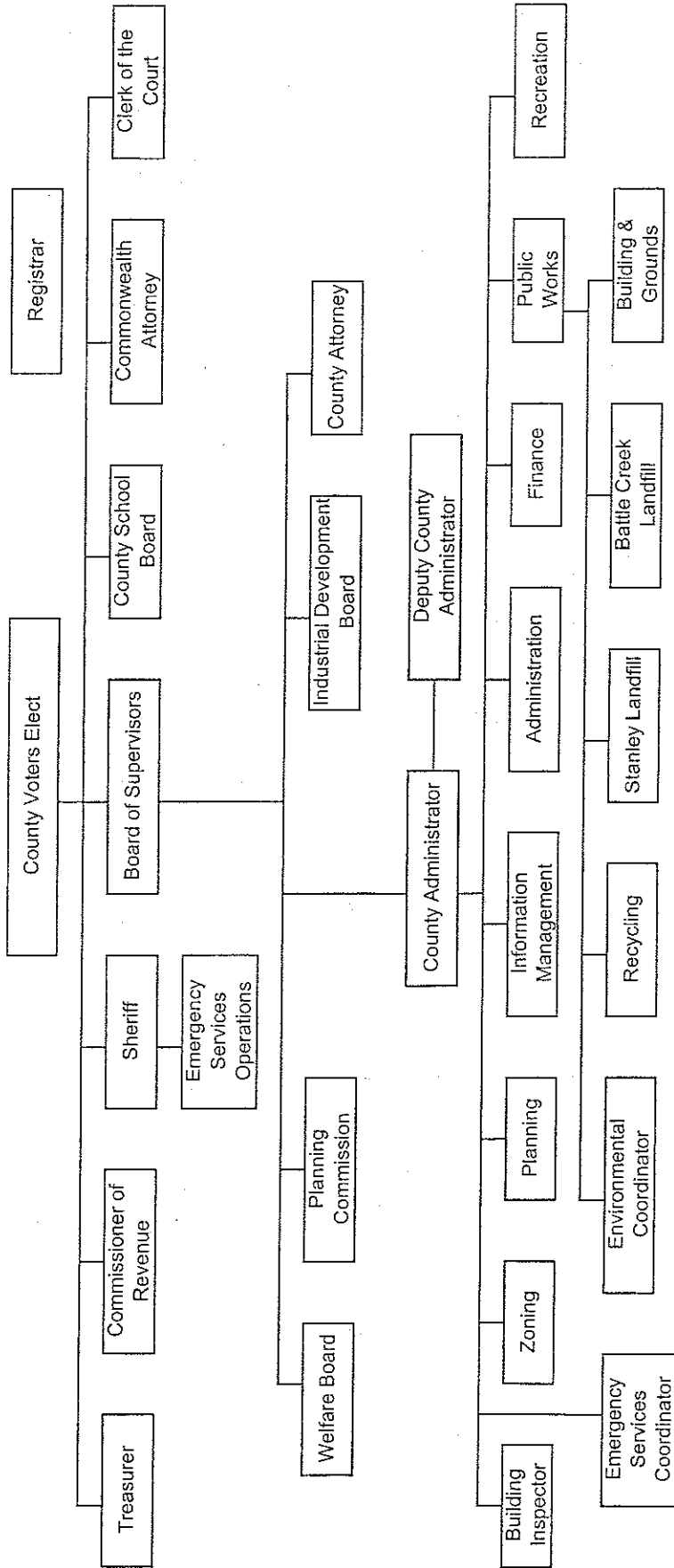
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State Regional Agencies



**County of Page  
Organization Chart**

Fiscal Year 2007





# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

## INDEPENDENT AUDITORS' REPORT

### TO THE HONORABLE MEMBERS OF THE BOARD OF SUPERVISORS COUNTY OF PAGE, VIRGINIA

We have audited the accompanying financial statements of the governmental activities, the aggregate discretely presented component units, each major fund and the aggregate remaining fund information of the County of Page, Virginia, as of and for the year ended June 30, 2007, which collectively comprise the County's basic financial statements as listed in the table of contents. These financial statements are the responsibility of the County of Page, Virginia's management. Our responsibility is to express opinions on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and the Specifications for Audits of Counties, Cities, and Towns, issued by the Auditor of Public Accounts of the Commonwealth of Virginia. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and the significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinions.

In our opinion the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the County of Page, Virginia, as of June 30, 2007, and the respective changes in financial position and cash flows, where applicable, thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with Government Auditing Standards, we have also issued our report dated February 6, 2008 on our consideration of the County of Page, Virginia's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and is important in assessing the results of our audit.

The Management's Discussion and Analysis and other required supplementary information as listed in the table of contents, are not a required part of the basic financial statements, but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the County of Page, Virginia's basic financial statements. The introductory section, combining and individual nonmajor fund financial statements and supporting schedules and tables are presented for purposes of additional analysis and are not a required part of the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and is also not a required part of the basic financial statements of the County of Page, Virginia. The combining and individual nonmajor fund financial statements, and the schedule of expenditures of federal awards have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, are fairly stated, in all material respects, in relation to the basic financial statements taken as a whole. The introductory section, supporting schedules and tables have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

*Robinson, Farmer, Cox Associates*

Verona, Virginia  
February 6, 2008

## Management's Discussion and Analysis

The following is a narrative overview and analysis of the financial activities of the County of Page, Virginia for the fiscal year ended June 30, 2007.

### Financial Highlights

The assets of the County of Page, Virginia exceeded its liabilities at the close of the most recent fiscal year by \$2,605,470. Of this amount, (\$1,392,473) is unrestricted. The School Board's net assets were \$10,698,361 of which \$1,300,187 is unrestricted.

At the end of the fiscal year, unreserved fund balance for the general fund was \$8,522,996.

As of the close of the current fiscal year, the County's governmental funds reported combined ending fund balances of \$55,269,540 an increase of \$45,978,958 in comparison with the prior year. \$8,678,179 is available for spending at the government's discretion (unreserved fund balance).

### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the County's basic financial statements. These statements are comprised of three components: 1) government wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Local governmental accounting and financial reporting originally focused on funds that were designed to enhance and demonstrate fiscal accountability, now to be accompanied by government-wide financial statements, the objective of operational accountability will also be met. These objectives will provide financial statement users with both justifications from the government that public monies have been used to comply with public decisions and as to whether operating objectives have been met efficiently and effectively and can continue to be met in the future.

### Government-wide Financial Statements

Government-wide financial statements provide financial statement users with a general overview of County finances. The statements include all assets and liabilities using the accrual basis of accounting. All current year revenue and expenses are taken into account regardless of when cash is received or paid. Both the financial overview and accrual accounting factors are used in the reporting of a private-sector business. Two financial statements are used to present this information: 1) the statement of net assets and 2) the statement of activities.

The statement of net assets presents all of the County's permanent accounts, or assets, liabilities and net assets. The difference between assets and liabilities is reported as net assets. Increases or decreases in net assets may serve as a useful indicator of whether the financial position of the County is improving or deteriorating. Other non-financial factors will also need to be considered to determine the overall financial position of the County.

The statement of activities presents information showing how the government's net assets changed during the fiscal year. The statement is focused on the gross and net cost of various governmental functions that are supported by general tax and other revenue. The statement of activities presents expenses before revenues, emphasizing that in government revenues are generated for the express purpose of providing services and not as an end unto itself.

Both government-wide financial statements separate governmental activities and business-type activities of the County. Taxes and intergovernmental revenues principally support governmental activities. They include general government administration; judicial administration; public safety; public works; health and welfare; parks, recreation and cultural; and community development. Business-type activities recover all or a significant portion of their costs through user fees and charges. The County currently shows no business-type activities.

The government-wide financial statements include, in addition to the primary government or County, two component units; the Page County School Board and the Page County IDA. Although the component units are legally separate entities, the County is financially accountable for them. A primary government is accountable for an organization if the primary government appoints a majority of the organization's governing body. A primary government is financially accountable if, in addition, either the government is able to impose its will on the organization or the organization is capable of imposing specific financial burdens on the primary government. For example, the primary government may approve debt issuance, rate structure and/or provide significant funding for operations of the component unit.

## **Fund Financial Statements**

The fund financial statements will be more familiar to past financial statement users. A fund is a group of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. Fund accounting is used to ensure and demonstrate compliance with finance related legal requirements. The County's funds can be divided into three categories: governmental funds, proprietary funds, and fiduciary funds.

### **Governmental Funds**

Governmental funds are used to account for essentially the same functions, or services, reported as governmental activities in the government-wide financial statements. Whereas the government-wide financial statements are prepared on the accrual basis of accounting, the governmental fund financial statements are prepared on the modified accrual basis of accounting. The focus of modified accrual reporting is on near-term inflows and outflows of financial resources and the balance of financial resources available at the end of the fiscal year. Since the governmental funds focus is narrower than that of the government-wide financial statements, a reconciliation of the two methods is provided in Exhibits 4 & 6 in this report.

### **Proprietary Funds**

There are two types of proprietary funds: enterprise funds which are established to account for the delivery of goods and services to the general public and internal service funds which account for the delivery of goods and services to other departments or agencies of the government. Proprietary funds use the accrual basis of accounting, similar to private sector business.

The County of Page has one internal service fund: Health Insurance Fund. The Health Insurance Fund accounts for insurance premiums paid by the Discretely Presented School Board for all departments. Individual fund data for the internal funds is provided in Exhibits 19-21 in this report.

### **Fiduciary Funds**

Fiduciary funds account for assets held by the government as a trustee or agent for another organization or individual. The County is responsible for ensuring that the assets reported in these funds are used for their intended purposes. Fiduciary funds are not reflected in the government-wide financial statement because the funds are not available to support the County's own activities.

## Notes to the Financial Statements

The notes provide additional information that is needed to fully understand the data provided in the government-wide and fund financial statements.

### Government-wide Financial Analysis

As previously noted, net assets may serve as a useful indicator of a government's financial position. The Page County's assets exceeded its liabilities by \$2,605,470 at fiscal year end.

The County's net assets are divided into three categories: (1) invested in capital assets, net of related debt; (2) restricted; and (3) unrestricted.

#### **COUNTY OF PAGE'S NET ASSETS**

	Governmental Activities	
	2007	2006
Current and other assets	\$ 60,326,882	\$ 14,655,653
Capital assets	8,589,271	7,802,095
Total assets	<u>\$ 68,916,153</u>	<u>\$ 22,457,748</u>
Long-term liabilities	\$ 61,258,012	\$ 17,438,385
Other liabilities	5,052,671	3,889,251
Total liabilities	<u>\$ 66,310,683</u>	<u>\$ 21,327,636</u>
Net assets:		
Invested in capital assets, net of related debt	\$ 3,923,675	\$ 3,437,095
Restricted	74,268	2,158,957
Unrestricted	(1,392,473)	(4,465,670)
Total net assets	<u>\$ 2,605,470</u>	<u>\$ 1,130,382</u>

The County uses these capital assets to provide services to citizens; therefore, these assets are not available for future spending. Although the County's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

Restricted net assets represent resources that are subject to external restrictions on how they may be used. All \$74,268 of these net assets are reserved for debt service and bond covenants.

At the end of the fiscal year, the County is able to report positive balances in all of the three categories of net assets, except for unrestricted.

## **Governmental Activities**

Governmental activities have increased the County's net assets by \$1,475,088 due in large part to the increase in personal property tax rates and real estate reassessments. Key elements of this increase are as follows:

### **COUNTY OF PAGE'S CHANGES IN NET ASSETS For the Year Ended June 30, 2007**

	Governmental Activities	
	2007	2006
<b><u>Revenues:</u></b>		
Program revenues:		
Charges for services	\$ 1,552,118	\$ 1,123,580
Operating grants & contributions	6,825,546	6,796,724
Capital grants & contributions	-	289,340
General revenues:		
General property taxes	14,274,262	13,306,915
Other local taxes	3,439,730	3,326,249
Use of money & property	2,054,348	244,611
Miscellaneous	113,272	553,400
Grants and cont. not restricted	1,858,734	2,716,086
Total revenues	\$ 30,118,010	\$ 28,356,905
<b><u>Expenses:</u></b>		
General government	\$ 2,721,418	\$ 2,391,188
Judicial administration	1,031,210	912,629
Public safety	6,326,121	5,562,040
Health and welfare	5,010,637	4,797,023
Education	8,012,794	8,030,679
Parks, recreation and cultural	355,263	304,228
Community development	843,537	1,042,107
Public works	2,284,169	4,237,339
Interest on long-term debt	2,057,773	518,790
Total expenses	\$ 28,642,922	\$ 27,796,023
Changes in net assets	\$ 1,475,088	\$ 560,882
Net assets, July 1, 2006, as adjusted	1,130,382	569,500
Net assets, June 30, 2007	\$ 2,605,470	\$ 1,130,382

## **Financial Analysis of the Government's Funds**

As earlier mentioned, the County uses fund accounting to ensure and demonstrate compliance with finance-related requirements.

## Governmental Funds

The focus of the County's governmental funds is to provide information on near-term inflows, outflows, and balances of financial resources. Such information is useful in assessing the County's financing requirements. Unreserved fund balances may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

At the year end, the County's governmental funds reported combined ending fund balances of \$55,269,540, an increase of \$45,978,958 over the prior year. \$74,268 is reserved to indicate that it is not available for new spending because it has already been committed to bond covenants for the USDA loan for improvements to Battlecreek Landfill. The increase in governmental funds can be attributed to debt proceeds received for school construction not spent in fiscal year 2007.

The general fund is the chief operating fund of the County. As of June 30, 2007, the unreserved and total fund balance was \$8,617,681.

## General Fund Budgetary Highlights

Differences between the original expenditure budgeted appropriations and the final amended budgeted appropriations totaled \$520,264. The receipt of additional state and federal grants for various operating areas accounted for over much of the budget increase.

## Capital Asset and Debt Administration

### Capital Assets

Investments in capital assets may be made in five different categories, which include land, buildings, and major subsystems, machinery and equipment, infrastructure or construction in process.

### COUNTY OF PAGE, VIRGINIA CAPITAL ASSETS FOR GOVERNMENTAL ACTIVITIES (Net of Depreciation)

	Governmental Activities	
	2007	2006
Land	\$ 1,549,464	\$ 1,549,464
Buildings and system	4,277,390	4,696,701
Machinery and equip	1,519,571	1,555,930
Construction in progress	1,242,846	-
Totals	\$ 8,589,271	\$ 7,802,095

Additional information on the County's assets can be found in the notes to the financial statements.

Long-term debt: At fiscal year end the County had the following outstanding debt:

**COUNTY OF PAGE'S OUTSTANDING DEBT**  
**For Year Ended June 30, 2007**

	Governmental Activities	
	2007	2006
General Obligation Bonds	\$ 57,017,307	\$ 13,684,205
Revenue notes	682,733	744,800
Landfill closure/post closure	2,416,429	2,463,302
Bond anticipation note	636,611	-
Compensated absences	316,915	268,140
Note payable	188,017	277,938
Totals	<u>\$ 61,258,012</u>	<u>\$ 17,438,385</u>

Additional information on the County's long-term debt can be found in the notes to the financial statements.

**Economic Factors and Next Year's Budgets**

The December unemployment rate for the County is 5.1 percent, which is much greater than the rate a year ago. This is high in comparison with the state's average of 3.3 percent and the national average of 4.5 percent. These factors will be considered when preparing the County's budget for the 2008 fiscal year.

**Requests for Information**

This financial report is designed to provide readers with a general overview of the County of Page's finances. Questions concerning any of the information provided in this report or requests for additional financial information may be addressed to: Finance Department, 117 South Court Street, Luray, Virginia, 22835.



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## BASIC FINANCIAL STATEMENTS

# GOVERNMENT-WIDE FINANCIAL STATEMENTS

Statement of Net Assets  
June 30, 2007

	Primary Government	Component Unit	Component Unit
	Governmental Activities	School Board	Economic Development Authority
<b>ASSETS</b>			
Cash and cash equivalents	\$ 56,920,712	\$ 1,474,868	\$ 113,679
Receivables (net of allowance for uncollectibles):			
Taxes receivable	1,913,459	-	-
Accounts receivable	241,761	29,469	-
Due from primary government	-	2,321,688	-
Due from other governmental units	1,176,682	776,291	-
Inventories	-	42,683	-
Prepaid expenses	-	21,406	-
Restricted assets:			
Temporarily restricted:			
Cash and cash equivalents	74,268	-	-
Capital assets (net of accumulated depreciation):			
Land	1,549,464	885,591	-
Buildings and system	4,277,390	6,362,163	-
Machinery and equipment	1,519,571	551,200	-
Construction in progress	1,242,846	1,599,220	-
Total assets	\$ 68,916,153	\$ 14,064,579	\$ 113,679
<b>LIABILITIES</b>			
Accounts payable	\$ 814,806	\$ 184,648	\$ -
Accrued liabilities	161,453	3,056,439	-
Accrued interest payable	1,367,384	-	-
Due to component unit	2,321,688	-	-
Unearned revenue	387,340	-	-
Long-term liabilities:			
Due within one year	1,137,634	-	-
Due in more than one year	60,120,378	125,131	-
Total liabilities	\$ 66,310,683	\$ 3,366,218	\$ -
<b>NET ASSETS</b>			
Invested in capital assets, net of related debt	\$ 3,923,675	\$ 9,398,174	\$ -
Restricted for:			
Debt service and bond covenants	74,268	-	-
Unrestricted (deficit)	(1,392,473)	1,300,187	113,679
Total net assets	\$ 2,605,470	\$ 10,698,361	\$ 113,679

The notes to the financial statements are an integral part of this statement.

County of Page, Virginia

Statement of Activities

For the Year Ended June 30, 2007

Functions/Programs	Expenses	Program Revenues			
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	
<b>PRIMARY GOVERNMENT:</b>					
Governmental activities:					
General government administration	\$ 2,721,418	\$ 24,093	\$ 331,522	\$ -	\$ -
Judicial administration	1,031,210	55,701	494,280	-	-
Public safety	6,326,121	207,704	2,917,788	-	-
Public works	2,284,169	802,572	16	-	-
Health and welfare	5,010,637	5,919	3,081,940	-	-
Education	8,012,794	-	-	-	-
Parks, recreation, and cultural	355,263	53,251	-	-	-
Community development	843,537	402,878	-	-	-
Interest on long-term debt	2,057,773	-	-	-	-
Total governmental activities	<u>\$ 28,642,922</u>	<u>\$ 1,552,118</u>	<u>\$ 6,825,546</u>	<u>\$ -</u>	<u>\$ -</u>
Total primary government	<u>\$ 28,642,922</u>	<u>\$ 1,552,118</u>	<u>\$ 6,825,546</u>	<u>\$ -</u>	<u>\$ -</u>
<b>COMPONENT UNITS:</b>					
School Board	\$ 33,063,635	\$ 1,785,838	\$ 23,320,555	\$ 152,368	\$ -
Industrial Development Authority	156,753	-	254,707	-	-
Total component units	<u>\$ 33,220,388</u>	<u>\$ 1,785,838</u>	<u>\$ 23,575,262</u>	<u>\$ 152,368</u>	<u>\$ -</u>
General revenues:					
General property taxes					
Local sales tax					
Motor vehicle licenses					
Transient occupancy taxes					
Meals tax					
Tax on recordation and wills					
E-911 tax					
Other local taxes					
Unrestricted revenues from use of money and property					
Miscellaneous					
Grants and contributions not restricted to specific programs					
Total general revenues					
Change in net assets					
Net assets - beginning, as adjusted					
Net assets - ending					

The notes to the financial statements are an integral part of this statement.

id ons	Net (Expense) Revenue and Changes in Net Assets			
	Primary Government		Component Unit	Component Unit
	Governmental Activities	Total	School Board	EDA
\$	(2,365,803)	\$ (2,365,803)	\$ -	\$ -
-	(481,229)	(481,229)	-	-
-	(3,200,629)	(3,200,629)	-	-
-	(1,481,581)	(1,481,581)	-	-
-	(1,922,778)	(1,922,778)	-	-
-	(8,012,794)	(8,012,794)	-	-
-	(302,012)	(302,012)	-	-
-	(440,659)	(440,659)	-	-
-	(2,057,773)	(2,057,773)	-	-
\$	(20,265,258)	\$ (20,265,258)	\$ -	\$ -
\$	(20,265,258)	\$ (20,265,258)	\$ -	\$ -
,368	-	\$ -	(7,804,874)	\$ -
-	-	-	-	97,954
,368	-	\$ -	(7,804,874)	\$ 97,954
\$	14,274,262	\$ 14,274,262	\$ -	\$ -
	1,351,034	1,351,034	-	-
	267,265	267,265	-	-
	402,471	402,471	-	-
	275,584	275,584	-	-
	273,960	273,960	-	-
	178,749	178,749	-	-
	690,667	690,667	-	-
	2,054,348	2,054,348	509	-
	113,272	113,272	-	-
	1,858,734	1,858,734	8,003,686	-
	21,740,346	\$ 21,740,346	\$ 8,004,195	\$ -
	1,475,088	\$ 1,475,088	\$ 199,321	\$ 97,954
	1,130,382	1,130,382	10,499,040	15,725
	2,605,470	\$ 2,605,470	\$ 10,698,361	\$ 113,679

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## FUND FINANCIAL STATEMENTS

Balance Sheet  
Governmental Funds  
June 30, 2007

	General	Capital Projects Fund	Other Governmental Funds	Total
<b>ASSETS</b>				
Cash and cash equivalents	\$ 10,053,285	\$ 46,816,726	\$ 50,701	\$ 56,920,712
Receivables (net of allowance for uncollectibles):				
Taxes receivable	1,913,459	-	-	1,913,459
Accounts receivable	218,060	-	23,701	241,761
Due from other funds	215,311	-	-	215,311
Due from other governmental units	750,294	-	426,388	1,176,682
Restricted assets:				
Temporarily restricted:				
Cash and cash equivalents	-	74,268	-	74,268
Total assets	<u>\$ 13,150,409</u>	<u>\$ 46,890,994</u>	<u>\$ 500,790</u>	<u>\$ 60,542,193</u>
<b>LIABILITIES AND FUND BALANCES</b>				
Liabilities:				
Accounts payable	\$ 300,258	\$ 299,633	\$ 214,915	\$ 814,806
Accrued liabilities	151,387	-	10,066	161,453
Due to other funds	-	-	215,311	215,311
Due to component unit	2,321,688	-	-	2,321,688
Unearned revenue	1,759,395	-	-	1,759,395
Total liabilities	<u>\$ 4,532,728</u>	<u>\$ 299,633</u>	<u>\$ 440,292</u>	<u>\$ 5,272,653</u>
Fund balances:				
Reserved for:				
Debt service	\$ -	\$ 74,268	\$ -	\$ 74,268
Unreserved, reported in:				
General fund	8,522,996	-	-	8,522,996
Special revenue funds	-	-	-	-
Designated	94,685	-	60,498	155,183
Capital projects funds	-	46,517,093	-	46,517,093
Total fund balances	<u>\$ 8,617,681</u>	<u>\$ 46,591,361</u>	<u>\$ 60,498</u>	<u>\$ 55,269,540</u>
Total liabilities and fund balances	<u>\$ 13,150,409</u>	<u>\$ 46,890,994</u>	<u>\$ 500,790</u>	<u>\$ 60,542,193</u>

The notes to the financial statements are an integral part of this statement.



Reconciliation of the Balance Sheet of Governmental Funds  
To the Statement of Net Assets  
June 30, 2007

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Amounts reported for governmental activities in the statement of net assets are different because:

Total fund balances per Exhibit 3 - Balance Sheet - Governmental Funds	\$ 55,269,540
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.	8,589,271
Other long-term assets are not available to pay for current-period expenditures and, therefore, are deferred in the funds.	1,372,055
Long-term liabilities, including bonds payable, are not due and payable in the current period and, therefore, are not reported in the funds.	<u>(62,625,396)</u>
Net assets of governmental activities	<u>\$ 2,605,470</u>

The notes to the financial statements are an integral part of this statement.

Statement of Revenues, Expenditures, and Changes in Fund Balances  
 Governmental Funds  
 For the Year Ended June 30, 2007

	General	Capital Projects Fund	Other Governmental Funds	Total	Am
<b>REVENUES</b>					
General property taxes	\$ 14,484,551	\$ -	\$ -	\$ 14,484,551	Net
Other local taxes	3,260,981	-	178,749	3,439,730	
Permits, privilege fees, and regulatory licenses	409,010	-	-	409,010	Gov
Fines and forfeitures	54,251	-	-	54,251	cos
Revenue from the use of money and property	571,347	1,483,001	-	2,054,348	This
Charges for services	992,056	-	59,170	1,051,226	Rev
Miscellaneous	113,272	-	-	113,272	as r
Intergovernmental revenues:					The
Commonwealth	4,901,328	-	2,155,088	7,056,416	gov
Federal	526,946	-	1,138,549	1,665,495	fin
Total revenues	\$ 25,313,742	\$ 1,483,001	\$ 3,531,556	\$ 30,328,299	Also
					wh
					acti
					rela
<b>EXPENDITURES</b>					
Current:					
General government administration	\$ 2,351,468	\$ -	\$ -	\$ 2,351,468	Sur
Judicial administration	1,029,276	-	-	1,029,276	res
Public safety	5,822,943	-	624,172	6,447,115	
Public works	1,974,751	-	-	1,974,751	Cha
Health and welfare	573,955	-	4,406,557	4,980,512	
Education	7,647,713	-	-	7,647,713	The
Parks, recreation, and cultural	295,026	-	59,907	354,933	
Community development	833,154	-	-	833,154	
Nondepartmental	159,074	-	-	159,074	
Capital projects	-	1,592,427	-	1,592,427	
Debt service:					
Principal retirement	649,837	-	-	649,837	
Interest and other fiscal charges	796,643	-	-	796,643	
Total expenditures	\$ 22,133,840	\$ 1,592,427	\$ 5,090,636	\$ 28,816,903	
Excess (deficiency) of revenues over (under) expenditures	\$ 3,179,902	\$ (109,426)	\$ (1,559,080)	\$ 1,511,396	
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers in	\$ -	\$ 74,268	\$ 1,548,666	\$ 1,622,934	
Transfers out	(1,622,934)	-	-	(1,622,934)	
Issuance of general obligation bonds	-	43,830,951	-	43,830,951	
Bond premiums	-	636,611	-	636,611	
Total other financing sources (uses)	\$ (1,622,934)	\$ 44,541,830	\$ 1,548,666	\$ 44,467,562	
Net change in fund balances	\$ 1,556,968	\$ 44,432,404	\$ (10,414)	\$ 45,978,958	
Fund balances - beginning	7,060,713	2,158,957	70,912	9,290,582	
Fund balances - ending	\$ 8,617,681	\$ 46,591,361	\$ 60,498	\$ 55,269,540	

The notes to the financial statements are an integral part of this statement.

Reconciliation of Statement of Revenues,  
Expenditures, and Changes in Fund Balances of Governmental Funds  
To the Statement of Activities  
For the Year Ended June 30, 2007

Total

Amounts reported for governmental activities in the statement of activities are different because:

84,551	Net change in fund balances - total governmental funds	\$ 45,978,958
39,730		
09,010	Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which the capital outlays exceeded depreciation in the current period.	787,176
54,251		
54,348	Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.	(210,289)
51,226		
13,272		
56,416	The issuance of long-term debt (e.g. bonds, leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net assets. Also, governmental funds report the effect of issuance costs, premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities. This amount is the net effect of these differences in the treatment of long-term debt and related items.	(43,770,852)
65,495		
28,299		
51,468	Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore are not reported as expenditures in governmental funds.	(1,309,905)
29,276		
147,115		
74,751	Change in net assets of governmental activities	\$ 1,475,088
80,512		
47,713	The notes to the financial statements are an integral part of this statement.	
354,933		
333,154		
159,074		
592,427		
349,837		
796,643		
316,903		
511,396		
622,934		
622,934		
830,951		
636,611		
467,562		
978,958		
290,582		
269,540		

Statement of Fiduciary Net Assets  
Fiduciary Funds  
June 30, 2007

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	<u>Agency Funds</u>
<b>ASSETS</b>	
Cash and cash equivalents	\$ <u>108,362</u>
Total assets	\$ <u><u>108,362</u></u>
<b>LIABILITIES</b>	
Amounts held for social services clients	\$ 4,301
Amounts held for others	79,054
Amounts held for inmates	<u>25,007</u>
Total liabilities	\$ <u><u>108,362</u></u>

The notes to the financial statements are an integral part of this statement.

## COUNTY OF PAGE, VIRGINIA

### Notes to the Financial Statements June 30, 2007

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#### NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

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##### A. Reporting Entity

The County of Page, Virginia (government) is a municipal corporation governed by an elected five-member Board of Supervisors. The accompanying financial statements present the government and its component units, entities for which the government is considered to be financially accountable. Blended component units, although legally separate entities, are, in substance, part of the government's operations. Each discretely presented component unit is reported in a separate column in the government-wide financial statements (see note below for description) to emphasize that it is legally separate from the government.

**Blended component units.** The County has no blended component units.

**Discretely presented component units.** The Page County School Board (Board) is responsible for elementary and secondary education within the government's jurisdiction. The members of the Board's governing board are elected by the voters. However, the government is financially accountable for the Board because the government's council approves the Boards' budget, levies taxes (if necessary), and must approve any debt issuances. The Board is presented as a governmental fund type.

The Page County Economic Development Authority is included as a component unit because the Authority's primary use of funds is to provide for economic development of the County, thereby benefiting the County even though it does not provide services directly to the County. The Page County Industrial Development Authority does prepare separate financial statements. Complete financial statements for the Authority may be obtained at the Authority's administrative office at 1 Cave Street, Luray, Virginia 22835.

##### B. Government-wide and fund financial statements

The government-wide financial statements (i.e., the statement of net assets and the statement of activities) report information on all of the nonfiduciary activities of the primary government and its component units. For the most part, the effect of interfund activity has been removed from these statements. *Governmental activities*, which normally are supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*, which rely to a significant extent on fees and charges for support. Likewise, the *primary government* is reported separately from certain legally separate *component units* for which the primary government is financially accountable.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. *Direct expenses* are those that are clearly identifiable with a specific function or segment. *Program revenues* include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Taxes and other items not properly included among program revenues are reported instead as *general revenues*.

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds are reported as separate columns in the fund financial statements.

**NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)****C. Related Organizations**

The County's officials are also responsible for appointing the members of the boards of other organizations, but the County's accountability for these organizations' does not extend beyond making the appointment. The Board of Supervisors appoints the board members of the Page County Industrial Development Authority.

**D. Jointly Governed Organizations**

A jointly governed organization is a multi-governmental arrangement that is governed by representatives from each of the governments that create the organization, but that is not a joint venture because the participants do not retain an ongoing financial interest or responsibility.

Rockingham Library Association — The County of Page, the County of Rockingham, and the City of Harrisonburg participate in the Rockingham County Library Association which provides library services to its participants. The Rockingham Library Association is governed by a Board of Trustees consisting of 19 members, who are elected at the annual meeting each year of the Rockingham Library Association. Each locality's contribution is set by contractual agreement with the Rockingham Library Association. The County of Page contributed \$158,000 to the Association for operating purposes for the year ended June 30, 2007.

Luray-Page County Airport Commission - The Luray-Page County Airport Commission is a jointly governed organization of the Town of Luray and the County of Page, Virginia formed by mutual agreement to build and maintain an airport to serve local needs. The Commission reports separately to the Town Council and the Board of Supervisors of Page County on an annual basis. There are eight members on the Board of the Commission who meet on an as-needed basis. The County of Page, Virginia contributed \$11,300 to the Commission for operations and capital expenditures for the year ended June 30, 2007.

The County, in conjunction with other localities, has created the Northwestern Community Services Board. The School Board participates in the Shenandoah Valley Regional Program for Special Education. The governing bodies of these organizations are appointed by the respective governing bodies of the participating jurisdictions. During the year, the County contributed \$60,000 to the Northwestern Community Services Board.

**E. Measurement focus, basis of accounting, and financial statement presentation**

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*, as are the proprietary fund and fiduciary fund financial statements. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

E. Measurement focus, basis of accounting, and financial statement presentation (continued)

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be *available* when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the government considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due.

Property taxes, other local taxes, licenses, and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the government.

The government reports the following major governmental funds:

The *general fund* is the government's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund. The General Fund includes the activities of Department of Justice VJCCCA, Gypsy Moth, Community Development, Virginia State Library Archives, Crime Victim Witness Program, Local DARE, and Water Quality Funds.

The *capital projects fund* accounts for the resources to be used for the acquisition and construction of major capital facilities, other than those financed by proprietary funds. The County Capital Projects Fund is a major fund of the County.

The government reports the following major proprietary funds:

*Internal service funds* account for the financing of health insurance services provided to other departments or agencies of the government, or to other governments, on a cost reimbursement basis. Internal service funds consist of the health insurance fund.

Additionally, the government reports the following fund types:

*Special revenue funds* account for the proceeds of the specific revenue sources (other than major capital projects) that are legally restricted to expenditures. Virginia Public Assistance, Comprehensive Services Act, E-911, Parks and Recreation are non-major special revenue funds of the County.

**NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

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**E. Measurement focus, basis of accounting, and financial statement presentation (continued)**

Agency funds account for assets held by the County as an agent or custodian for individuals, private organizations, other governmental units or other funds. The special welfare, cash bonds fund, neutering/spaying and sheriff funds are the County's agency funds.

Private-sector standards of accounting and financial reporting issued prior to December 1, 1989, generally are followed in both the government-wide and proprietary fund financial statements to the extent that those standards do not conflict with or contradict guidance of the Governmental Accounting Standards Board. Governments also have the *option* of following subsequent private-sector guidance for their business-type activities and enterprise funds, subject to this same limitation. The government has elected not to follow subsequent private-sector guidance.

As a general rule the effect of inter-fund activity has been eliminated from the government-wide financial statements.

Amounts reported as *program revenues* include 1) charges to customers or applicants for goods, services, or privileges provided, 2) operating grants and contributions, and 3) capital grants and contributions, including special assessments. Internally dedicated resources are reported as *general revenues* rather than as program revenues. Likewise, general revenues include all taxes.

Proprietary funds distinguish *operating* revenues and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the government's internal service funds are charges to funds for services. Operating expenses for internal service funds include the cost of services and administrative expenses. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

When both restricted and unrestricted resources are available for use, it is the government's policy to use restricted resources first, then unrestricted resources as they are needed.

**F. Assets, liabilities, and net assets or equity**

**1. Deposits and investments**

The government's cash and cash equivalents are considered to be cash on hand, demand deposits, and short-term investments with original maturities of three months or less from the date of acquisition.

State statutes authorize the government and the School Board to invest in obligations of the U.S. Treasury, commercial paper, corporate bonds, repurchase agreements, and the State Treasurer's Investment Pool.



COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

F. Assets, liabilities, and net assets or equity (continued)

1. Deposits and investments (continued)

Investments for the government, as well as for its component units, are reported at fair value. The State Treasurer's Investment Pool operates in accordance with appropriate state laws and regulations. The reported value of the pool is the same as the fair value of the pool shares.

2. Receivables and payables

Activity between funds that are representative of lending/borrowing arrangements outstanding at the end of the fiscal year are referred to as either "due to/from other funds" (i.e., the current portion of interfund loans) or "advances to/from other funds" (i.e., the non-current portion of interfund loans). All other outstanding balances between funds are reported as "due to/from other funds." Any residual balances outstanding between the governmental activities and business-type activities are reported in the government-wide financial statements as "internal balances."

All trade and property tax receivables are shown net of an allowance for uncollectibles. The property tax receivable allowance was \$284,190 or equal to 13 percent of outstanding property taxes at June 30, 2007.

Property is assessed at its value on January 1. Property taxes attached as an enforceable lien on property as of January 1. Taxes are due and collectible semi-annually on June 5<sup>th</sup> and December 5<sup>th</sup>. The County bills and collects its own property taxes.

3. Inventories and prepaid items

All inventories are valued at cost using the first-in/first-out (FIFO) method. Inventories of governmental funds are recorded as expenditures when consumed rather than when purchased. Quantities on hand at year-end are considered immaterial and have not been recorded, except in the School Cafeteria Fund where it can be easily measured.

4. Capital assets

Capital assets, which include property, plant, and equipment, are reported in the applicable governmental columns in the government-wide financial statements. Capital assets are defined by the government as assets with an initial, individual cost of more than \$5,000 (amount not rounded) and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated fair market value at the date of donation.

**NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)****F. Assets, liabilities, and net assets or equity (continued)****4. Capital assets (continued)**

The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed.

Property, plant, and equipment of the primary government, as well as the component units, are depreciated using the straight line method over the following estimated useful lives:

<u>Assets</u>	<u>Years</u>
Buildings	50
Building improvements	20
Vehicles	5
Office equipment	5
Computer equipment	5

**5. Compensated absences**

It is the government's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. There is no liability for unpaid accumulated sick leave since the government does not have a policy to pay any amounts when employees separate from service with the government. All vacation pay is accrued when incurred in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

**6. Long-term obligations**

In the government-wide financial statements, and proprietary fund types in the fund financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable governmental activities, or proprietary fund type statement of net assets. Bond premiums and discounts, as well as issuance costs, are deferred and amortized over the life of the bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are reported as deferred charges and amortized over the term of the related debt.

In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as debt service expenditures.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

F. Assets, liabilities, and net assets or equity (continued)

7. Fund equity

In the fund financial statements, governmental funds report reservations of fund balance for amounts that are not available for appropriation or are legally restricted by outside parties for use for a specific purpose. Designations of fund balance represent tentative management plans that are subject to change.

8. Reclassifications

Certain amounts presented in the prior year data have been reclassified in order to be consistent with the current year's presentation.

G. Investments

Investments are stated at fair value. Certificates of deposit, short-term repurchase agreements, and equity investments are reported in the accompanying financial statements as cash and cash equivalents.

H. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS

A. Explanation of certain differences between the governmental fund balance sheet and the government-wide statement of net assets

The governmental fund balance sheet includes a reconciliation between *fund balance—total governmental funds* and *net assets—governmental activities* as reported in the government-wide statements of net assets. One element of that reconciliation explains that "long-term liabilities, including bonds payable, are not due and payable in the current period and therefore are not reported in the funds." The details of these differences are as follows:

	Primary Government	Component Unit School Board
Bonds payable, including unamortized premiums	\$ (58,336,651)	\$ -
Accrued interest payable	(1,367,384)	-
Notes payable	(188,017)	-
Landfill closure and post-closure costs	(2,416,429)	-
Compensated absences	(316,915)	(125,131)
Net adjustment to reduce <i>fund balance—total governmental funds</i> to arrive at <i>net assets—governmental activities</i>	\$ (62,625,396)	\$ (125,131)

**NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS  
(CONTINUED)****B. Explanation of certain differences between the governmental fund statement of revenues, expenditures, and changes in fund balances and the government-wide statement of activities**

The governmental fund statement of revenues, expenditures, and changes in fund balances includes a reconciliation between *net changes in fund balances—total governmental funds* and *changes in net assets of governmental activities* as reported in the government-wide statement of activities. One element of that reconciliation explains that “Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense.” The details of these differences are as follows:

	Primary Government	Component Unit School Board
Capital outlay	\$ 1,618,897	\$ 80,669
Depreciation expense	(530,471)	(360,084)
Primary government capital asset allocation	(301,250)	301,250
Net adjustment to increase (decrease) <i>net changes in fund balances—total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ 787,176	\$ 21,835

Another element of that reconciliation states that “the issuance of long-term debt (e.g., bonds, leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net assets. Also, governmental funds report the effect of issuance costs, premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities.” The details of these differences are as follows:

	Primary Government	Component Unit School Board
Debt issued or incurred:		
Issuance of bonds, including premiums	\$ (44,467,562)	\$ -
Principal repayments:		
General obligation debt	497,849	-
Notes payable	89,921	-
Lease revenue bond	62,067	-
Decrease in landfill closure and post-closure costs	46,873	-
Net adjustment to (decrease) increase <i>net changes in balances—total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ (43,770,852)	\$ -

# COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

## NOTE 2—RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS (CONTINUED)

### B. Explanation of certain differences between the governmental fund statement of revenues, expenditures, and changes in fund balances and the government-wide statement of activities (continued)

Another element of that reconciliation states that "Some expenses reported in the statement of activities do not require the use of current financial resources and therefore are not reported as expenditures in governmental funds." The details of these differences are as follows:

	Primary Government	Component Unit School Board
Compensated absences	\$ (48,775)	\$ 15,844
Accrued interest	(1,261,130)	-
Net adjustment to (decrease) increase <i>net changes in fund balances-total governmental funds</i> to arrive at <i>changes in net assets of governmental activities</i>	\$ (1,309,905)	\$ 15,844

## NOTE 3—STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

### Budgets and Budgetary Accounting

The following procedures are used by the County in establishing the budgetary data reflected in the financial statements.

1. Prior to March 30, the County Administrator submits to the Board of Supervisors a proposed operating and capital budget for the fiscal year commencing the following July 1. The operating and capital budget includes proposed expenditures and the means of financing them.
2. Public hearings are conducted to obtain citizen comments.
3. Prior to June 30, the budget is legally enacted through passage of an Appropriations Resolution.
4. The Appropriations Resolution places legal restrictions on expenditures at the activity level within each department. The appropriation for each department or activity can be revised only by the Board of Supervisors. The County Administrator is authorized to transfer budgeted amounts within general government activities and the School Board is authorized to transfer budgeted amounts within the school system's categories.
5. Formal budgetary integration is employed as a management control device during the year for the General Fund. The School Fund and School Cafeteria Fund are integrated only at the level of legal adoption.
6. All budgets are adopted on a basis consistent with generally accepted accounting principles (GAAP).
7. Appropriations lapse on June 30 for all County units.
8. All budget data presented in the accompanying financial statements is the revised budget as of June 30.

**NOTE 4—DEPOSITS AND INVESTMENTS**

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**Deposits**

All cash of the primary government and its discretely presented component units is maintained in accounts collateralized in accordance with the Virginia Security for Public Deposits Act (a multiple financial institution collateral pool), Section 2.2-4400 et. seq. of the Code of Virginia or covered by federal depository insurance. Under the Act, banks holding public deposits in excess of the amounts insured by FDIC must pledge collateral in the amount of 50% of excess deposits to a collateral pool in the name of the State Treasury Board. Savings and Loan institutions are required to collateralize 100% of deposits in excess of FDIC limits. Deposits covered by the Act are considered insured since the Treasury Board is authorized to make additional assessments.

**Investments**

Statutes authorize the County to invest in obligations of the United States or agencies thereof, obligations of the Commonwealth of Virginia or political subdivisions thereof, obligations of the International Bank for Reconstruction and Development (World Bank), the Asian Development Bank, the African Development Bank, "prime quality" commercial paper and certain corporate notes, banker's acceptances, repurchase agreements and the State Treasurer's Local Government Investment Pool (LGIP).

**Custodial Credit Risk (Investments)**

The County of Page sets forth the following authorized investments to mitigate custodial credit risk. Whereas, authorized investments for public funds are limited to those set forth in Chapter 18, Section 2.2-4501 of the Code of Virginia. Investment vehicles for the County of Page shall be further restricted in consideration of the size of the portfolio and the absence of professional investment personnel.

**Credit Risk of Debt Securities**

The County of Page may invest any and all funds belonging to it or in its control in the following:

1. U.S. Treasury Bills, Notes, Bonds and other direct obligations of the United States Government.
2. Obligations of Agencies of the Federal Government, including but not limited to the Federal Farm Credit Bank, Federal Home Loan Bank, Federal National Mortgage Association, Government National Mortgage Association, Federal Home Loan Mortgage Corporation and Student Loan Marketing Association.
3. Obligations of the Commonwealth of Virginia and of its local governments and public bodies, provided such obligations have a debt rating of at least "AA" or equivalent by Moody's and/or Standard & Poor's.
4. Repurchase Agreements executed through Federal Reserve Member Banks or Primary Dealers in U.S. Government securities, and collateralized by Treasury or Agency obligations the market value of which is at least 102% of the purchase price of the repo.
5. Certificates of deposit or other deposits of national banks located within the Commonwealth and state-chartered banks under Commonwealth supervision provided such deposits are insured or collateralized as provided by the Virginia Security for Public Deposits Act.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2007 (Continued)

### NOTE 4—DEPOSITS AND INVESTMENTS (CONTINUED)

#### Credit Risk of Debt Securities: (Continued)

6. U.S. dollar denominated Bankers' Acceptances issued by a domestic bank or a foreign bank with an agency domiciled in the U.S., and rated by Thomson Bankwatch at least B/C (issuing bank) and I (country of origin). Not more than 40% of the total funds available for investment may be invested in banker's acceptances.
7. U.S. dollar denominated Commercial Paper issued by an entity incorporated in the U.S. and rated at least A-1 by Standard & Poor's Corp. and P-1 by Moody's Investors Service. Not more than 35% of the total funds available for investment may be invested in commercial paper, and not more than 5% in the obligations of any one issuer.

The County's rated debt investments as of June 30, 2007 were rated by Moody and/or an equivalent national rating organization and the ratings are presented below using the Moody rating scale.

#### Locality's Rated Debt Investments' Values

Rated Debt Investments	Fair Quality Ratings				
	AAA	AA	A	A1	Unrated
Local Government Investment Pool	\$ 1,693,739	\$ -	\$ -	\$ -	\$ -
SNAP External Investment Pool	44,169,005	-	-	-	-
Total	<u>\$ 45,862,744</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

#### External Investment Pools

The State Non-Arbitrage Pool (SNAP) is an open-end management investment company registered with the Securities and Exchange Commission (SEC). The fair value of the positions in the Local Government Investment Pool (LGIP) is the same as the value of the pool shares. As this pool is not SEC registered, regulatory oversight of the pool rests with the Virginia State Treasury. LGIP maintains a policy to operate in a manner consistent with SEC Rule 2a-7.

#### DISCRETELY PRESENTED COMPONENT UNIT-SCHOOL BOARD:

Note: All deposits of the health insurance fund were allocated to the component unit school board on the government-wide financial statements — Exhibit 1.

## NOTE 5—INTERFUND OBLIGATIONS

Fund	Interfund Receivable Primary Government/ Component Unit	Interfund Payable Primary Government/ Component Unit	Interfund Receivable Primary Government/ Component Unit	Interfund Payable Primary Government/ Component Unit
Primary Government:				
General Fund	\$ -	\$ 2,321,688	\$ 215,311	\$ -
Virginia Public Assistance Fund	-	-	-	153,985
Comprehensive Services Act	-	-	-	61,326
Sub-total	\$ -	\$ 2,321,688	\$ 215,311	\$ 215,311
Discretely Presented Component Units:				
School Fund	\$ 2,321,688	\$ -	\$ -	\$ -
Total reporting entity	\$ 2,321,688	\$ 2,321,688	\$ 215,311	\$ 215,311

## NOTE 6—INTERFUND TRANSFERS

Interfund transfers for the year ended June 30, 2007 consisted of the following:

Fund	Transfers In	Transfers Out
Primary Government:		
General Fund	\$ -	\$ 1,622,934
Virginia Public Assistance Fund	341,557	-
Comprehensive Services Act	977,141	-
E-911 Fund	229,968	-
County Capital Projects Fund	74,268	-
Total reporting entity	\$ 1,622,934	\$ 1,622,934

Transfers are used to (1) move revenues from the fund that statute or budget requires to collect them to the fund that statute or budget requires to expend them and (2) use unrestricted revenues collected in the General Fund to finance various programs accounted for in other funds in accordance with budgeting authorization.



COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 7—DUE FROM OTHER GOVERNMENTAL UNITS

	Primary Government	Component Units
Commonwealth of Virginia:		
State sales taxes	\$ -	\$ 505,653
Local sales taxes	272,682	-
Comprehensive Services Act funds	272,403	-
Public assistance and welfare	61,476	-
Other funds	457,230	82,631
Federal Government:		
Public assistance and welfare	92,509	-
School funds	-	188,007
Other funds	20,382	-
Total	\$ 1,176,682	\$ 776,291

NOTE 8—CAPITAL ASSETS

Capital asset activity for the year ended June 30, 2007 was as follows:

Primary Government

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Governmental activities:</b>				
Capital assets not being depreciated:				
Land	\$ 1,549,464	\$ -	\$ -	\$ 1,549,464
Construction in progress	-	1,242,846	-	1,242,846
Total capital assets not being depreciated	\$ 1,549,464	\$ 1,242,846	\$ -	\$ 2,792,310
Capital assets being depreciated:				
Buildings	\$ 5,918,091	\$ -	\$ (430,000)	\$ 5,488,091
Machinery and equipment	2,797,631	376,051	(50,200)	3,123,482
Total capital assets being depreciated	\$ 8,715,722	\$ 376,051	\$ (480,200)	\$ 8,611,573
Less accumulated depreciation for:				
Buildings	\$ (1,221,390)	\$ (118,061)	\$ 128,750	\$ (1,210,701)
Machinery and equipment	(1,241,701)	(412,410)	50,200	(1,603,911)
Total accumulated depreciation	\$ (2,463,091)	\$ (530,471)	\$ 178,950	\$ (2,814,612)
Total capital assets being depreciated, net	\$ 6,252,631	\$ (154,420)	\$ (301,250)	\$ 5,796,961
Governmental activities capital assets, net	\$ 7,802,095	\$ 1,088,426	\$ (301,250)	\$ 8,589,271

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

**NOTE 8—CAPITAL ASSETS: (CONTINUED):**

Depreciation expense was charged to functions/programs of the primary government as follows:

Governmental activities:	
General government	\$ 20,003
Judicial administration	2,259
Public safety	156,236
Public works	280,261
Health and welfare	2,724
Education	63,750
Community Development	5,238
Total depreciation expense-governmental activities	<u>\$ 530,471</u>

**Discretely presented component unit-School Board:**

Activity for the School Board for the year ended June 30, 2007 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets not being depreciated:				
Land	\$ 885,591	\$ -	\$ -	\$ 885,591
Construction in progress	1,599,220	-	-	1,599,220
Total capital assets not being depreciated	<u>\$ 2,484,811</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,484,811</u>
Capital assets being depreciated:				
Buildings	\$ 10,003,266	\$ 430,000	\$ -	\$ 10,433,266
Machinery and equipment	3,808,810	80,669	-	3,889,479
Total capital assets being depreciated	<u>\$ 13,812,076</u>	<u>\$ 510,669</u>	<u>\$ -</u>	<u>\$ 14,322,745</u>
Less accumulated depreciation for:				
Buildings	\$ (3,763,762)	\$ (307,341)	\$ -	\$ (4,071,103)
Machinery and equipment	(3,156,786)	(181,493)	-	(3,338,279)
Total accumulated depreciation	<u>\$ (6,920,548)</u>	<u>\$ (488,834)</u>	<u>\$ -</u>	<u>\$ (7,409,382)</u>
Total capital assets being depreciated, net	<u>\$ 6,891,528</u>	<u>\$ 21,835</u>	<u>\$ -</u>	<u>\$ 6,913,363</u>
School Board capital assets, net	<u>\$ 9,376,339</u>	<u>\$ 21,835</u>	<u>\$ -</u>	<u>\$ 9,398,174</u>

Depreciation expense for the year ended June 30, 2007 totaled \$488,834.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2007 (Continued)

### NOTE 9—DEFINED PENSION BENEFIT OBLIGATION

#### A. Plan Description

Name of Plan: Virginia Retirement System (VRS)  
Identification of Plan: Agent and Cost-Sharing Multiple-Employer Defined Benefit Pension Plan  
Administering Entity: Virginia Retirement System (System)

The County contributes to the Virginia Retirement System (VRS), an agent and cost-sharing multiple-employer defined benefit pension plan administered by the Virginia Retirement System. All full-time, salaried permanent employees of participating employers must participate in the VRS. Benefits vest after five years service. Employees are eligible for an unreduced retirement benefit at age 65 with 5 years of service (age 60 for participating law enforcement officers and firefighters) and at age 50 with 30 years of service for participating employees (age 50 with 25 years for participating law enforcement officers and firefighters) payable monthly for life in an amount equal to 1.7 percent of their average final compensation (AFC) for each year of credited service. Benefits are actuarially reduced for retirees who retire prior to becoming eligible for full retirement benefits. In addition, retirees qualify for annual cost-of-living adjustment (COLA) beginning in their second year of retirement. The COLA is limited to 5% per year. AFC is defined as the highest consecutive 36 months of reported compensation. Participating law enforcement officers and firefighters may receive a monthly benefit supplement if they retire prior to age 65. The VRS also provides death and disability benefits. Title 51.1 of the Code of Virginia (1950), as amended, assigns the authority to establish and amend benefit provisions to the General Assembly of Virginia.

The System issues a publicly available comprehensive annual financial report that includes financial statements and required supplementary information for VRS. A copy of that report may be downloaded from their web site at [http://www.varetire.org/PDF/2005 AnnuRept.pdf](http://www.varetire.org/PDF/2005%20AnnuRept.pdf) obtained by writing to the System at P. O. Box 2500, Richmond, Virginia 23218-2500.

#### B. Funding Policy

##### Primary Government:

Plan members are required by Title 51.1 of the Code of Virginia (1950), as amended, to contribute 5% of their annual salary to the VRS. The employer has assumed this 5% member contribution. In addition, the County is required to contribute the remaining amounts necessary to fund its participation in the VRS using the actuarial basis specified by the statute and approved by the VRS Board of Trustees. The County's contribution rate for the fiscal year ended June 30, 2007 was 7.88% of the annual covered payroll.

##### Discretely Presented Component Unit - School Board:

Plan members are required by Title 51.1 of the Code of Virginia (1950), as amended, to contribute 5% of their annual salary to the VRS. The employer has assumed this 5% member contribution. In addition, the School Board is required to contribute the remaining amounts necessary to fund its participation in the VRS using the actuarial basis specified by the statute and approved by the VRS Board of Trustees. The School Board's contribution rate for the fiscal year ended June 30, 2007 was 8.97% of the annual covered payroll.

**NOTE 9—DEFINED PENSION BENEFIT OBLIGATION: (CONTINUED)****C. Annual Pension Cost**

	Primary Government County Retirement Plan	Discretely Presented Component Unit School Board Non-Professional Retirement Plan
Contribution rates for the year ended June 30, 2007:		
Employer	7.88%	6.50%
Plan members <sup>1</sup>	5.00%	8.97%
Annual pension cost	\$ 463,546	\$ 154,111
Contributions made	\$ 463,546	\$ 154,111
Actuarial valuation date	06/30/05	06/30/05
Actuarial cost method	Entry age normal	Entry age normal
Amortization method	Level percentage, open	Level percentage, open
Payroll growth rate	2.50%	2.50%
Remaining amortization period	20 years	20 years
Asset valuation method	Modified market	Modified market
Actuarial assumptions:		
Investment rate of return <sup>2</sup>	7.50%	7.50%
Projected salary increases <sup>2</sup>		
Non LEO Employees	3.75% to 5.60%	3.75% to 5.60%
LEO Employees	3.50% to 4.75%	3.50% to 4.75%
Cost-of-Living adjustments	2.50%	2.50%

<sup>1</sup>This member contribution has been assumed by the employer.<sup>2</sup>Includes inflation at 2.50%.**Three-Year Trend Information**

	Fiscal Year Ending	Annual Pension Cost (APC) <sup>1</sup>	Percentage of APC Contributed	Net Pension Obligation
Primary Government:				
County	6/30/05	\$ 43,513	100%	\$ -
	6/30/06	52,134	100%	-
	6/30/07	463,546	100%	-
Discretely Presented Component Unit:				
School Board				
Non-Professional	6/30/05	\$ 89,756	100%	\$ -
	6/30/06	97,370	100%	-
	6/30/07	154,111	100%	-

<sup>1</sup>Employer portion only

**NOTE 9—DEFINED PENSION BENEFIT OBLIGATION: (CONTINUED)**

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**D. Discretely Component Unit School Board**

**PROFESSIONAL EMPLOYEES:**

Plan Description

The Page County School Board contributes to the Virginia Retirement System (VRS), a cost-sharing multiple-employer defined benefit pension plan administered by the Virginia Retirement System. VRS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Title 51.1 of the Code of Virginia (1950), as amended, assigns the authority to establish and amend benefit provisions to the State legislature. The System issues a publicly available comprehensive annual financial report that includes financial statements and required supplementary information for VRS. That report may be obtained by writing to the System at P. O. Box 2500, Richmond, Virginia 23218-2500.

Funding Policy

Plan members are required to contribute 5.0% of their annual covered salary and Page County School Board is required to contribute at an actuarially determined rate. The current rate is 6.62% of annual covered payroll. The contribution requirements of plan members and Page County School Board are established and may be amended by the VRS Board of Trustees. The School Board's contributions to VRS for the years ending June 30, 2007, 2006, and 2005 were \$1,573,360, \$1,057,708, and \$866,303 respectively, equal to the required contributions for each year.

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COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

**NOTE 10—LONG-TERM INDEBTEDNESS**

**Primary Government Indebtedness**

Annual requirements to amortize long-term indebtedness and related interest are as follows:

Year Ending June 30,	Governmental Activities			
	Lease Revenue Bond		General Obligation/Revenue Bonds	
	Principal	Interest	Principal	Interest
2008	\$ 62,067	\$ 27,015	\$ 954,173	\$ 3,021,757
2009	62,067	24,442	1,769,146	2,584,954
2010	62,067	21,870	1,798,281	2,490,129
2011	62,067	19,297	1,843,338	2,393,539
2012	62,067	16,724	1,689,365	2,302,091
2013	62,067	14,151	1,666,407	2,217,999
2014	62,067	11,578	1,734,513	2,133,360
2015	62,067	9,005	1,793,737	2,045,561
2016	62,067	6,432	1,864,132	1,954,549
2017	62,067	3,859	1,940,756	1,859,885
2018	62,063	1,286	2,010,939	1,768,776
2019	-	-	2,079,949	1,680,516
2020	-	-	2,150,400	1,588,244
2021	-	-	2,219,194	1,492,789
2022	-	-	2,102,334	1,396,361
2023	-	-	2,181,777	1,300,581
2024	-	-	2,266,897	1,202,319
2025	-	-	2,353,401	1,099,509
2026	-	-	2,446,553	991,336
2027	-	-	2,546,082	877,447
2028	-	-	1,887,716	778,459
2029	-	-	1,969,968	694,867
2030	-	-	2,057,751	607,590
2031	-	-	2,151,088	515,244
2032	-	-	2,250,004	417,534
2033	-	-	2,354,522	314,053
2034	-	-	364,669	252,791
2035	-	-	380,473	236,987
2036	-	-	396,962	220,498
2037	-	-	414,166	203,294
2038	-	-	432,115	185,345
2039	-	-	450,841	166,619
2040	-	-	470,380	147,080
2041	-	-	490,765	126,695
2042	-	-	512,034	105,426
2043	-	-	534,224	83,236
2044	-	-	557,376	60,084
2045	-	-	581,532	35,928
2046	-	-	528,696	10,726
Totals	\$ 682,733	\$ 155,659	\$ 58,196,657	\$ 41,564,159

Note: As of June 30, 2007 only \$11,752,801 of Series 2006 bonds have been drawn down. The bond amortization schedule presented will be the schedule when all funds are drawn down. As a result the amortization schedule differs by \$1,179,350 at June 30, 2007.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)

Primary Government Indebtedness (continued)

Year Ending June 30,	Governmental Activities Note Payable	
	Principal	Interest
2008	\$ 92,619	\$ 5,641
2009	95,398	2,862
Totals	\$ 188,017	\$ 8,503

Changes in Long-Term Liabilities

The following is a summary of long-term debt transactions of the Primary Government for the year ended June 30, 2007:

	Balance June 30, 2006	Issuances	Retirements	Balance June 30, 2007
Claims, judgments and compensated absences payable \$	268,140	\$ 48,775	\$ -	\$ 316,915
Landfill closure and post-closure care costs	2,463,302	-	46,873	2,416,429
Lease revenue bond	744,800	-	62,067	682,733
Note payable	277,938	-	89,921	188,017
General obligation bonds	13,684,205	43,830,951	497,849	57,017,307
Premiums on bond issue	-	636,611	-	636,611
Total	\$ 17,438,385	\$ 44,516,337	\$ 696,710	\$ 61,258,012

(1) Note: Section 15.2-1800.1, Code of Virginia, 1950, as amended, was enacted during the year ended June 30, 2002, which affected the reporting of local school capital assets and related debt for financial statement purposes. All debt historically reported by the Discretely Presented Component Unit - School Board, has been assumed by the Primary Government as a result of this legislation.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

**NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)**

Details of Long-Term Liabilities

Governmental Activities:

	<u>Total Amount Outstanding</u>	<u>Amount Due With One Year</u>
<u>General Obligation Bonds:</u>		
<u>Virginia Public School Authority (V.P.S.A.) Bonds:</u>		
\$2,735,000 Virginia Public School Authority Bond issued August 30, 1990, due in annual installments of \$80,000 to \$180,000 through July, 2011. Interest payable annually at varying rates of 6.4% to 7.1%	\$ 685,000	\$ 160,00
\$1,000,000 Virginia Public School Authority Bond Series 1993 due in annual installments of \$5,000 to \$95,000 through 2014. Interest payable annually at varying interest rates of 4.475% to 5.0%	140,000	40,00
\$4,175,000 Virginia Public School Authority Bond issued May 19, 1992, due in annual installments of \$80,000 to \$315,000 through December, 2011. Interest payable semi-annually at 6.1% to 6.4%	565,000	140,00
\$1,500,000 Virginia Public School Authority Bond issued November 16, 2000, due in annual installments of \$80,000 to \$85,000 through July 15, 2020. Interest payable semi-annually at varying interest rates of 4.975% to 5.85%	<u>1,160,000</u>	<u>85,00</u>
\$30,695,000 Virginia Public School Authority Bond issued November 19, 2006, at a premium of \$305,572 due in annual installments of \$655,000 to \$2,005,000 through November 19, 2032. Interest payable semi-annually at 6.1% to 6.4%	30,695,000	
\$12,019,506 Virginia Public School Authority Bond issued November 19, 2006, at a premium of \$331,039 due in annual installments of \$458,384 to \$740,470 through November 19, 2032. Interest payable semi-annually at 6.1% to 6.4%	<u>12,019,506</u>	<u>458,38</u>
Total general obligation bonds	\$ <u>45,264,506</u>	\$ <u>883,38</u>
<u>Lease Revenue Bonds:</u>		
\$931,000 lease revenue bonds issued January 15, 2003 due in annual installments of \$62,067 through January 15, 2018. Interest payable annually at 4.11%.	\$ <u>682,733</u>	\$ <u>62,06</u>
<u>Series 2006 Revenue Bonds</u>		
\$13,000,000 bonds issued June 16, 2006, payments vary throughout the life of the loan. Interest on the bonds is 2.76% through June 2046. These bonds were issued in connection with the Battle Creek landfill.	\$ <u>11,752,801</u>	\$ <u>70,78</u>
<u>Note Payable</u>		
\$450,000 note payable for the purchase of the Stanley Shopping Plaza dated November 12, 2003 payable in annual installments of \$98,260 including interest at 3% through November 2008.	\$ <u>188,017</u>	\$ <u>92,61</u>



COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 10—LONG-TERM INDEBTEDNESS (CONTINUED)

Details of Long-Term Liabilities: (Continued)

Governmental Activities: (Continued)

Amount Due Within One Year		Total Amount Outstanding	Amount Due Within One Year
	Compensated absences	\$ 316,915	\$ -
160,00	Estimated cost of landfill closure and post closure monitoring care, payable over the next 17 years	\$ 2,416,429	\$ -
	Unamortized premium on bond issues	\$ 636,611	\$ 28,775
40,00	Total Long-term liabilities	\$ 61,258,012	\$ 1,137,634

Change in Component Unit-School Board Long-Term Liabilities:

The following is a summary of long-term debt transactions of the Component Unit School Board for the year ended June 30, 2007:

	Balance June 30, 2006	Issuances	Retirements	Balance June 30, 2007
85,00				
Compensated absences	\$ 140,975	\$ -	\$ 15,844	\$ 125,131

NOTE 11—RISK MANAGEMENT

The County is a member of the Virginia Municipal Group Self Insurance Association for workers' compensation. The County is also a member of the Virginia Association of Counties Risk Pool for general property liability insurance. These programs are administered by servicing contractors that furnish claims review and processing.

Each Association member jointly and severally agrees to assume, pay and discharge any liability. The County pays Virginia Municipal Group and Virginia Association of Counties Risk Pool contributions and assessments based upon classification and rates into a designated cash reserve fund out of which expenses of the Association and Risk Pool and claims and awards are to be paid. In the event of a loss deficit and depletion of all available excess insurance, the Association and Risk Pool may assess all members in the proportion which the premium of each bears to the total premiums of all members in the year in which such deficit occurs.

The Component Unit School Board administers the health insurance program for the Health Insurance Fund (an Internal Service Fund) by charging the various fund types a portion of the premium.

**NOTE 12—CONTINGENT LIABILITIES**

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Federal programs in which the County and its component units participate were audited in accordance with the provisions of U.S. Office of Management and Budget Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Pursuant to the provisions of this circular all major programs and certain other programs were tested for compliance with applicable grant requirements. While no matters of noncompliance were disclosed by audit, the Federal Government may subject grant programs to additional compliance tests which may result in disallowed expenditures. In the opinion of management, any future disallowances of current grant program expenditures, if any, would be immaterial.

At the time of our audit, it was learned that a constitutional officer of the County was under federal investigation. At this time, it is unsure as to the nature of the investigation or the results of the investigation.

**NOTE 13—UNEARNED REVENUE**

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Unearned revenue represents amounts for which asset recognition criteria have been met, but for which revenue recognition criteria have not been met. Unearned revenue totaling \$387,340 is comprised of the following:

- A. Prepaid Property Taxes – Property taxes due subsequent to June 30, 2007, but paid in advance by the taxpayers totaled \$387,340 at June 30, 2007.

**NOTE 14—HEALTH INSURANCE FUND**

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The County maintains an internal service fund entitled Health Insurance Fund that has been included in the fund financial statements. The purpose of this fund is to disclose the County's self-insured health insurance transactions for the fiscal year as required by GASB 10. The County was self-insured for health insurance purposes in prior years, but is not longer self-insured and has retained Anthem to administer the program. The School Board uses Anthem as the administrator of their self-insured plan. The Health Insurance fund pays Anthem an administrative fee for these services. This fund serves the School Board component unit and accounts for the health insurance activities of the aforementioned funds but does not constitute a transfer of risk from the County.

Significant losses, over \$50,000 with a maximum of \$60,000, are covered by commercial insurance. There have been no changes in coverage for the last three years, nor have settlement amounts exceeded coverage during this time period.

The County records an estimated liability for indemnity health care claims. Claims liabilities are based on estimates of the ultimate cost of reported claims and an estimate for claims incurred but not reported (IBNR) based on historical experience.

COUNTY OF PAGE, VIRGINIA

Notes to the Financial Statements  
June 30, 2007 (Continued)

NOTE 14—HEALTH INSURANCE FUND: (CONTINUED)

The fund established a liability for both reported and unreported events, which includes estimates of both future payments of losses and related claim adjustment expenses. At June 30, 2007 there was no fund liability. The following represents the change in approximate aggregate liabilities for the fund:

	Beginning of Fiscal Year (Surplus) Liability	Claims and Changes in Estimates	Claim Payments	Balance at Fiscal Year End (Surplus) Liability
2006-2007	\$ (208,970)	\$ 3,161,037	\$ 3,247,799	\$ (122,208)
2005-2006	(175,273)	2,239,025	2,205,328	(208,970)
2004-2005	(77,144)	2,552,146	2,454,017	(175,273)
2003-2004	(200,114)	2,189,998	2,312,968	(77,144)
2002-2003	1,232	1,809,661	2,011,007	(200,114)

NOTE 15—SURETY BONDS

Fidelity and Deposit Company of Maryland - Surety:	
Ron Wilson, Clerk of the Circuit Court	\$ 25,000
C. R. Suddith, Jr., Treasurer	400,000
Charles L. Campbell, Commissioner of the Revenue	3,000
Daniel Presgraves, Sheriff	30,000
All Constitutional Officer's Employees - Blanket Bond	50,000
The Travelers Indemnity Company - Surety:	
Randall Thomas, Superintendent of Schools	100,000
Barbara Stombock, Clerk of the School Board	100,000
All School Board Employees - Blanket Bond	100,000
Fidelity and Deposit Company of Maryland - Surety:	
All County Employees - Blanket Bond	10,000
Fidelity and Deposit Company of Maryland - Surety:	
Tommy R. LaFrances, Chairman	1,000
Charles C. Ballard, Supervisor	1,000
Gerald M. Cubbage, Vice-Chairman	1,000
Carol L. Fisher-Strickler, Supervisor	1,000
Charles M. Hoke, Supervisor	1,000
John T. Rust, Supervisor	1,000
Department of Social Services	1,000

**NOTE 16—CLOSURE AND POST-CLOSURE CARE COSTS**

State and federal laws and regulations require that the County place a final cover on its landfill when closed and to perform certain maintenance and monitoring functions at the landfill site for thirty years after closure. In addition to operating expenses related to current activities of the landfill, an expense provision and related liability are being recognized based on the future closure and post-closure care costs that will be incurred near or after the date the landfill no longer accepts wastes. The recognition of these landfill closure and post-closure care costs are based on the amount of the landfill used during the year. The estimated liability for landfill closure and post-closure care cost is attributable to the Stanley landfill, which was closed in February 1999 and Battle Creek landfill which was acquired in June 2005.

The post-closure and thirty year monitoring costs for the Stanley landfill are estimated at \$2,195,074. The estimated total current cost of the landfill closure and post-closure care of \$2,766,848 is based on the amount that would be paid if all equipment, facilities, and services required to close, monitor, and maintain the landfill were performed as of June 30, 2007. Included in the County's post-closure and thirty year monitoring costs of \$2,195,074 is \$1,280,000 for corrective action costs for exceeding groundwater protection standards. However, the actual cost of closure and post-closure may be different due to inflation, changes in technology, or change in landfill laws and regulations.

During June of 2005, the County acquired Battle Creek landfill. The post-closure and thirty year monitoring costs are estimated at \$4,427,070. The estimated total current cost of the landfill closure and post-closure care of \$221,355 is based on the amount that would be paid if all equipment, facilities, and services required to close, monitor, and maintain the landfill were performed as of June 30, 2007. The estimated useful life of the Battle Creek landfill is 39 years. However, the actual cost of closure and post-closure may be different due to inflation, changes in technology, or change in landfill laws and regulations.

The County will finance the closure and post-closure care from future revenues earned by the General Fund and charges derived from the use of the landfill. No assets have been restricted at this time to pay these costs. The anticipated future inflation costs and additional costs that might arise from changes in post-closure requirements (due to changes in technology or laws and regulations, for example) may need to be covered from future tax revenue.

The County demonstrated financial assurance requirements for closure, post-closure care, and corrective action costs through the submission of a Local Government Financial Assurance Test to the Virginia Department of Environmental Quality in accordance with Section 9VA C20-70 of the Virginia Administrative Code.

# COUNTY OF PAGE, VIRGINIA

## Notes to the Financial Statements June 30, 2007 (Continued)

### NOTE 17—ADJUSTMENT TO BEGINNING FUND BALANCE/NET ASSETS

During the year ended June 30, 2007 the beginning fund balance and net asset balances of the Primary Government were adjusted by \$287,214 to correct transfers made to the VPA fund incorrectly from the general fund.

	General Fund	Primary Government
Balance at July 1, 2006, as originally reported	\$ 6,773,499	\$ 843,168
Adjustment for transfer correction	287,214	287,214
Balance at July 1, 2006, as adjusted	<u>\$ 7,060,713</u>	<u>\$ 1,130,382</u>

### NOTE 18—GENERAL FUND UNRESERVED DESIGNATED FUND BALANCE

General Fund unreserved designated fund balance consists of the following at June 30, 2007:

Page County Water Quality	\$ 7,168
Local Dare	3,002
Crime Victim Witness	2,127
Dept. of Justice VJCAA	400
DHCD	1,215
Virginia State Library Archives	<u>80,773</u>
Total unreserved designated fund balance	<u>\$ 94,685</u>

### NOTE 19—CONSTRUCTION CONTRACTS OUSTANDING

The Primary Government had the following material construction contracts outstanding at June 30, 2007:

Project	Original Contract Amount	Amount Spent to Date	Amount of Contract Remaining at Year End
High Schools	<u>\$ 62,000,000</u>	<u>\$ 1,000,118</u>	<u>\$ 60,999,882</u>

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## **REQUIRED SUPPLEMENTARY INFORMATION**

## General Fund

Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
For the Year Ended June 30, 2007

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget - Positive (Negative)
<b>REVENUES</b>				
General property taxes	\$ 12,296,908	\$ 12,296,908	\$ 14,484,551	\$ 2,187,643
Other local taxes	3,002,449	3,002,449	3,260,981	258,532
Permits, privilege fees, and regulatory licenses	549,586	549,586	409,010	(140,576)
Fines and forfeitures	41,038	39,274	54,251	14,977
Revenue from the use of money and property	195,000	195,000	571,347	376,347
Charges for services	1,736,736	1,736,736	992,056	(744,680)
Miscellaneous	350,762	354,660	113,272	(241,388)
Intergovernmental revenues:				
Commonwealth	5,138,584	5,175,934	4,901,328	(274,606)
Federal	338,264	338,264	526,946	188,682
Total revenues	\$ 23,649,327	\$ 23,688,811	\$ 25,313,742	\$ 1,624,931
<b>EXPENDITURES</b>				
Current:				
General government administration	\$ 2,672,351	\$ 2,672,351	\$ 2,351,468	\$ 320,883
Judicial administration	1,009,700	1,041,777	1,029,276	12,501
Public safety	5,966,537	6,474,480	5,822,943	651,537
Public works	2,388,738	2,388,738	1,974,751	413,987
Health and welfare	389,161	389,161	573,955	(184,794)
Education	7,355,156	7,355,156	7,647,713	(292,557)
Parks, recreation, and cultural	296,752	296,752	295,026	1,726
Community development	1,030,043	1,010,287	833,154	177,133
Nondepartmental	200,615	200,615	159,074	41,541
Debt service:				
Principal retirement	649,837	649,837	649,837	-
Interest and other fiscal charges	810,332	810,332	796,643	13,689
Total expenditures	\$ 22,769,222	\$ 23,289,486	\$ 22,133,840	\$ 1,155,646
Excess (deficiency) of revenues over (under) expenditures	\$ 880,105	\$ 399,325	\$ 3,179,902	\$ 2,780,577
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers out	\$ (880,105)	\$ (1,327,051)	\$ (1,622,934)	\$ (295,883)
Total other financing sources and uses	\$ (880,105)	\$ (1,327,051)	\$ (1,622,934)	\$ (295,883)
Net change in fund balances	\$ -	\$ (927,726)	\$ 1,556,968	\$ 2,484,694
Fund balances - beginning, as adjusted	-	927,726	7,060,713	6,132,987
Fund balances - ending	\$ -	\$ -	\$ 8,617,681	\$ 8,617,681



COUNTY OF PAGE, VIRGINIA  
Schedule of Pension Funding Progress  
As of June 30, 2007

Exhibit 9

PRIMARY GOVERNMENT:

County Retirement Plan

Actuarial Valuation Date	Actuarial Value of Assets (AVA) ( a )	Actuarial Accrued Liability (AAL) ( b )	Unfunded (Excess Funded) Actuarial Accrued Liability (UAAL) ( b-a )	Funded Ratio ( a/b )	Annual Covered Payroll ( c )	UAAL as % of Covered Payroll ( (b-a)/c )
06/30/06	\$ 13,688,634	\$ 14,816,000	\$ 1,127,366	92.39%	\$ 5,460,474	20.65%
06/30/05	12,985,262	14,916,154	1,930,892	87.06%	4,550,723	42.43%
06/30/04	12,721,115	12,951,165	230,050	98.22%	4,091,439	5.62%
06/30/03	12,449,004	9,765,394	(2,683,610)	127.48%	4,094,929	-65.53%
06/30/02	12,237,547	9,663,750	(2,573,797)	126.63%	3,817,778	-67.42%

DISCRETELY PRESENTED COMPONENT UNIT:

School Board Non-Professional Retirement Plan

Actuarial Valuation Date	Actuarial Value of Assets (AVA) ( a )	Actuarial Accrued Liability (AAL) ( b )	Unfunded (Excess Funded) Actuarial Accrued Liability (UAAL) ( b-a )	Funded Ratio ( a/b )	Annual Covered Payroll ( c )	UAAL as % of Covered Payroll ( (b-a)/c )
06/30/06	\$ 4,160,983	\$ 4,952,267	\$ 791,284	84.02%	\$ 1,539,032	51.41%
06/30/05	3,922,698	4,890,283	967,585	80.21%	1,379,572	70.14%
06/30/04	3,818,996	4,442,221	623,225	85.97%	1,234,037	50.50%
06/30/03	3,827,111	3,936,042	108,931	97.23%	1,129,776	9.64%
06/30/02	3,825,475	3,528,049	(297,426)	108.43%	1,183,315	-25.13%

**OTHER SUPPLEMENTARY INFORMATION**

## Capital Projects Fund

Schedule of Revenues, Expenditures, and Changes in Fund Balances - Budget and Actual  
For the Year Ended June 30, 2007

	Budgeted Amounts			Variance with Final Budget - Positive (Negative)
	Original	Final	Actual Amounts	
<b>REVENUES</b>				
Revenue from the use of money and property	\$ -	\$ -	\$ 1,483,001	\$ 1,483,001
Total revenues	\$ -	\$ -	\$ 1,483,001	\$ 1,483,001
<b>EXPENDITURES</b>				
Capital projects	\$ 12,181,000	\$ 12,181,000	\$ 1,592,427	\$ 10,588,573
Total expenditures	\$ 12,181,000	\$ 12,181,000	\$ 1,592,427	\$ 10,588,573
Excess (deficiency) of revenues over (under) expenditures	\$ (12,181,000)	\$ (12,181,000)	\$ (109,426)	\$ 12,071,574
<b>OTHER FINANCING SOURCES (USES)</b>				
Transfers in	\$ -	\$ -	\$ 74,268	\$ 74,268
Issuance of general obligation bonds	12,181,000	12,181,000	43,830,951	31,649,951
Bond premiums	-	-	636,611	636,611
Total other financing sources and uses	\$ 12,181,000	\$ 12,181,000	\$ 44,541,830	\$ 32,360,830
Net change in fund balances	\$ -	\$ -	\$ 44,432,404	\$ 44,432,404
Fund balances - beginning	-	-	2,158,957	2,158,957
Fund balances - ending	\$ -	\$ -	\$ 46,591,361	\$ 46,591,361

Combining Balance Sheet  
Nonmajor Special Revenue Funds  
June 30, 2007

Comt  
Nonr  
For th

	Virginia Public Assistance Fund	Comprehensive Services Act Fund	E-911 Fund	Parks and Recreation Fund	Total	REVE Other Charg Interg Con Fed
<b>ASSETS</b>						Tc
Cash and cash equivalents	\$ -	\$ 1,238	\$ 5,750	\$ 43,713	\$ 50,701	
Receivables (net of allowance for uncollectibles):						
Accounts receivable	-	-	23,701	-	23,701	
Due from other governmental units	153,985	272,403	-	-	426,388	EXPE
Total assets	\$ 153,985	\$ 273,641	\$ 29,451	\$ 43,713	\$ 500,790	Currel Pub Hea Parl
<b>LIABILITIES AND FUND BALANCES</b>						
Liabilities:						Tc
Accounts payable	\$ -	\$ 211,360	\$ 1,491	\$ 2,064	\$ 214,915	
Accrued liabilities	-	955	9,111	-	10,066	Exces expt
Due to other funds	153,985	61,326	-	-	215,311	
Total liabilities	\$ 153,985	\$ 273,641	\$ 10,602	\$ 2,064	\$ 440,292	OTHE Trans:
Fund balances:						Tc
Unreserved:						
Designated for subsequent expenditure	\$ -	\$ -	\$ 18,849	\$ 41,649	\$ 60,498	Net of Fund I
Total fund balances	\$ -	\$ -	\$ 18,849	\$ 41,649	\$ 60,498	Fund I
Total liabilities and fund balances	\$ 153,985	\$ 273,641	\$ 29,451	\$ 43,713	\$ 500,790	

### Revenue Assumptions and Calculation:

Year one assumes no revenue from sales and year two includes only small amounts near year end. Revenues were assumed from four different types of customers. Revenue is anticipated from a fifth type (backhaul for wireless customers); this was not included because although wireless providers have confirmed their intent to utilize the proposed middle mile network for backhaul they have refused to enter into contractual agreements and negotiate rate plans until funding is secured citing competitive and confidentiality concerns.

The four types of customers are comprised of:

- Anchor customers requiring relatively large quantities of reliable bandwidth.
- Municipal customers including fire and police whose facilities are passed by the middle mile network
- Customers wishing to lease dark fiber from the new network; and
- Business customers that would be served off the network by a private provider partner

For years three to five, the revenues were calculated as shown in year three in the table below for both network access customers and broadband customers.

Type of Customer	Number of Customers	Revenue/Month/Customer	Annual Revenue
Anchor (Network Access)	3	1260.74 (Note 1-increases from base year at 2.5 % per year)	\$45,387.
Business	62	\$30.	\$22,320.
Subtotal (Network Access)			<b>\$67,707</b>
Municipal	29	\$105.06 (Note 1)	\$36,562.
Subtotal (Broadband)			<b>\$35,562</b>

Other revenue includes leases for dark fiber and interest on monies borrowed for operating expenses but not used during years 1 and 2. Those revenues are shown for year 3 below:

Source of Revenue	Amount and Rate	Total Revenue
Dark Fiber Rental	19.1 miles at \$693./mi/yr	\$13,238
Interest Income	\$12,981 @3.5 percent	\$ 454.

The above totals correspond to the income statement for year 3 of the Pro-formas. Years four and five were calculated in the same fashion.

Project revenues from the requested grant are shown for years one and two and consist of the 80% Federal portion and the 20% matching funds from Page County. All of those monies are for capital equipment.

#### **Expense Assumptions and Calculations:**

The Pro-forma Statement Financial Guide specifically asked for information on fiber cost per mile for middle mile projects as well as for detail on other expenses. This project is primarily aerial in nature using poles owned by the incumbent power company. There are areas, however, where there are no aerial electric utilities or where the cost for make-ready would be prohibitive. For that reason no single cost can be attributed to fiber. Using overall totals for miles of fiber (38.7 miles) and cost (materials plus installation plus make-ready--\$1,337,383), and average cost of \$34,558/mile results.

It is Page County's intention to utilize an outside provider to operate the network. Network maintenance and monitoring will consist of that cost, annual licensing fees for electronics and software, and equipment repairs. For year three, these quantities are broken out in the table below.

Item	Notes	Annual Cost
Network Operation		\$29,959
Electronics Licensing and Support	7.5% annually of installed electronics	\$12,086
Equipment Repairs	5% of installed electronics @\$200 each +\$2000 annually	\$ 3,089
Totals		\$45,134

Leasing fees and utilities are for access to space in existing County facilities. Billing expenses would be limited to bandwidth charges to the private provider partners and anchor customers. Billing to business and wireless customers would be handled by the private providers serving them.

Item (Year 3)	Notes	Annual Cost
Leased Space	144 sq ft @\$13/sq ft, increases at 2.5% annually	\$1,967
Utilities		\$ 465
Billing		\$ 744
Totals		\$3,176

Other operating expenses are pole attachment fees and wholesale Internet access for the municipal customers only (Internet is provided for other customers by private provider partners).

Other Operating Expense	Notes	Annual Cost
Pole Attachment Fees	889 poles @ \$26/pole/yr	\$23,111
Wholesale Internet	7.25 Mbps Av @\$50/Mbps	\$ 4,350
Miscellaneous Expense		\$ 750
Totals		\$28,211

For year three, the totals and categories from the three tables total to \$76,520, the operating expenses. They can be calculated similarly for other years.

#### Balance Sheet Items:

Page County intends to fund annually the 20% match for the 80% Federal grant amount. The total for each year was based on the anticipated expenditure for allowable expenses which would be incurred in that year. Since those monies are received and expended in the same year they flow into the balance sheet as retained earnings.

Depreciation is figured annually based on the total capital cost of materials in service. The majority of equipment was depreciated on either a 10 year or 20 year schedule calculated as five percent years one and eleven and ten percent years two through nine (10 year schedule) and similarly for the 20 year depreciation schedule. Electronics were depreciated on a ten year schedule and fiber optic cable on a 20 year schedule. The depreciation schedule for each category runs from the first year of installation forward. The table below shows the results for year two.

Electronics Purchased Year 1	\$119,891	Depreciation Year 2 (10 percent)	\$11,989
Electronics Purchased Year 2	\$366,697	Depreciation Year 2 (5 percent)	\$18,335
Fiber and Related Purchased Year 1	\$395,404	Depreciation Year 2 (5 percent)	\$19,770
Fiber and Related Purchased Year 2	\$1,186,211	Depreciation Year 2 (2.5 percent)	\$29,655
Total Depreciation Year 2 equals Income sheet value			\$79,749

Household Subscribers	YEAR 0	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
1-5 Mbps wireless (backhaul only)		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									25	25	25	25	25	25	25	25	25	25	25	25	25
Cumulative subscribers									25	50	75	100	125	150	175	200	225	250	275	300	325

Business Customers	Year 0	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
<i>45 Mbps or more as needed (high reliability anchor customers)</i>		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									3	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative subscribers									3	3	3	3	3	3	3	3	3	3	3	3	3
<i>Up to 25 Mb Service (private provider access to Page County network)</i>																					
Net add-ons								20	34	8	0	0	0	8	0	0	0	0	0	0	0
Cumulative subscribers								20	54	62	62	62	62	62	62	62	62	62	62	62	62

[illegible]





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

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 Local Loop	45 Mb	\$1200/Mo	
Municipal Customers	Point-to-point	10 Mb	\$100/Mo	
Small Businesses	Point-to-Point	Up to 50 Mb	\$30/Mo (network access for private provider utilizing Page County network)	
Wireless Customers	Point-to-Point Backhaul	As needed	\$3/customer/mo	
Dark Fiber Lease	2 fibers		\$693/fiber pair/year	

**BUDGET INFORMATION - Construction Programs**

*NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.*

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ .00	\$ .00	\$ .00
2. Land, structures, rights-of-way, appraisals, etc.	\$ .00	\$ .00	\$ .00
3. Relocation expenses and payments	\$ .00	\$ .00	\$ .00
4. Architectural and engineering fees	\$ .00	\$ .00	\$ .00
5. Other architectural and engineering fees	\$ .00	\$ .00	\$ .00
6. Project inspection fees	\$ .00	\$ .00	\$ .00
7. Site work	\$ .00	\$ .00	\$ .00
8. Demolition and removal	\$ .00	\$ .00	\$ .00
9. Construction	\$ .00	\$ .00	\$ .00
10. Equipment	\$ .00	\$ .00	\$ .00
11. Miscellaneous	\$ .00	\$ .00	\$ .00
12. SUBTOTAL (sum of lines 1-11)	\$ .00	\$ .00	\$ .00
13. Contingencies	\$ .00	\$ .00	\$ .00
14. SUBTOTAL	\$ .00	\$ .00	\$ .00
15. Project (program) income	\$ .00	\$ .00	\$ .00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ .00	\$ .00	\$ .00
<b>FEDERAL FUNDING</b>			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.	Enter eligible costs from line 16c Multiply X _____%		\$ .00

## INSTRUCTIONS FOR THE SF-424C

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0041), 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.**

This sheet is to be used for the following types of applications: (1) "New" (means a new [previously unfunded] assistance award); (2) "Continuation" (means funding in a succeeding budget period which stemmed from a prior agreement to fund); and (3) "Revised" (means any changes in the Federal Government's financial obligations or contingent liability from an existing obligation). If there is no change in the award amount, there is no need to complete this form. Certain Federal agencies may require only an explanatory letter to effect minor (no cost) changes. If you have questions, please contact the Federal agency.

*Column a.* - If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATION."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

*Column b.* - If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or -] to the previously approved costs (from column a.) reflected in this application.

*Column.* - This is the net of lines 1 through 16 in columns "a." and "b."

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Line 1 - Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchases of land which is allowable for Federal participation and certain services in support of construction of the project.

Line 2 - Enter estimated site and right(s)-of-way acquisition costs (this includes purchase, lease, and/or easements).

Line 3 - Enter estimated costs related to relocation advisory assistance, replacement housing, relocation payments to displaced persons and businesses, etc.

Line 4 - Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

Line 5 - Enter estimated engineering costs, such as surveys, tests, soil borings, etc.

Line 6 - Enter estimated engineering inspection costs.

Line 7 - Enter estimated costs of site preparation and restoration which are not included in the basic construction contract.

Line 9 - Enter estimated cost of the construction contract.

Line 10 - Enter estimated cost of office, shop, laboratory, safety equipment, etc. to be used at the facility, if such costs are not included in the construction contract.

Line 11 - Enter estimated miscellaneous costs.

Line 12 - Total of items 1 through 11.

Line 13 - Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14 - Enter the total of lines 12 and 13.

Line 15 - Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

Line 16 - Subtract line 15 from line 14.

Line 17 - This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.



# Environmental Questionnaire-Response Document

*Page County Broadband Authority  
Easy Grants ID 1410*

Submitted December 18, 2009

# Environmental Questionnaire- Response Document

*Page County Broadband Authority*

*Easy Grant ID 1410*

## Table of Contents

Page County .....	2
i.    Project Description .....	2
Page County Grid Map – New Construction .....	3
Overall Sites and Buffers Map.....	5
Fiber Construction.....	6
Tower Construction.....	6
Buildings .....	6
ii.   Project Maps .....	6
iii.  Property Changes.....	11
Tower Construction.....	11
Building Construction .....	14
Fiber Construction.....	14
iv.   Buildings and Other Structures.....	14
v.    Wetlands .....	15
vi.   Critical Habitats.....	15
vii.  Floodplains .....	15
viii. Protected Lands .....	16
ix.   Coastal Areas.....	16
x.    Brownfields .....	16
Signature Pages.....	17

This document provides response to the Environmental Questionnaire (EQ) as required for Broadband Infrastructure projects that involve construction of facilities.

## Page County

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### i. Project Description

Every effort has been made to answer all of the questions relating to the EQ for Page County, Virginia within the requested seven day turn around period. Without funding in place a detailed deployment design cannot be undertaken and therefore only the conceptual design may be used for assessment at this point. Even should some structures be required to move a mile or so one way or the other when walk out and detailed design is completed, it remains unlikely the environmental impact will be different from what is listed here. Because make ready engineering<sup>1</sup> and detailed deployment design are not begun nor completed, Page County has the opportunity to relocate or design around any significant environmental roadblocks that may be encountered. Deployment design will be structured to assure the project meets deployment timelines for permitting, construction and project completion. The SHPO position on planning and mitigating the impacts of linear projects guidance document point number six (6) will be employed during the design phase of this project.

The Page County infrastructure is a middle mile deployment where at least 75% of the proposed service area to be funded falls within rural areas that are unserved or underserved. The project consists of installation of a fiber optic backbone from Rileyville to Shenandoah within Page County and will enable the provision of affordable broadband communications serving the middle mile tenants; provides for the provision of last mile services; encourages competition and economic development; grows existing business; attracts new business; enables home based businesses, telework and telemedicine. Fifty-four (54) Community Facilities will have a direct fiber connection to the middle mile network. This project will construct one (1) tower on previously disturbed ground at an elementary school and utilize three (3) existing towers within Luray, Stanley and Shenandoah. The four (4) towers will be connected to the middle mile network to provide high speed data backhaul for last mile wireless.

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<sup>1</sup> Make Ready Engineering is the process of examining and recording the fiber route by walking the planned deployment and to assure the most efficient fiber or structure design with the least environmental impact. Existing pole lines are also measured and each attachment recorded to gauge the expense and estimated time to respond for any pole changes to accommodate new attachments.

The projected end users for this project consist of governmental agencies within Page County serving the general public at their home and work, educational facilities, public safety, one hospital and the health delivery community, and a planned data center.

Page County has been sectioned into a grid system for producing 1:24,000 scaled mapping in this environmental questionnaire. Individual maps have been created for the new tower site and areas of construction. Where no ground disturbance is anticipated a Buffer Zone environmental database report that covers portions of the county has been provided. All information contained in the individual construction site maps is included in the buffer zone supporting documentation.

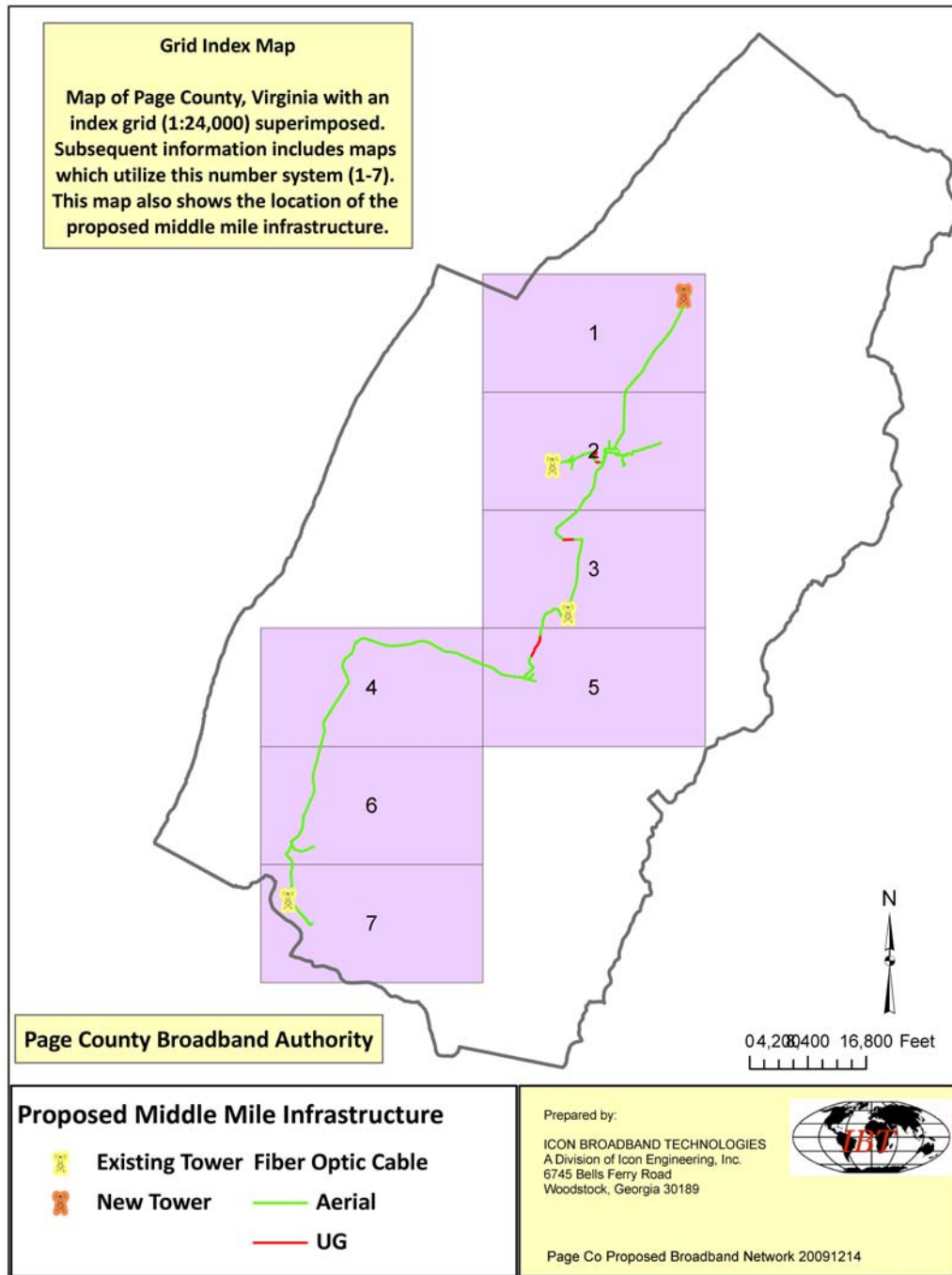
The grid map that follows on the next page shows Page County in white with a numbered grid designation overlay. Each map included in this document will relate to one area of this grid map, e.g. map page number 1 will be the same as the grid location square 1 on the grid map and is cross referenced in the document to this square number.

There are a total of four (4) tower sites included in the overall Page County network. Only one (1) of the towers will be constructed under this stimulus application; the other three (3) towers are existing towers that will be connected to the middle mile fiber network to supply high speed data backhaul. The towers are numbered sites 0 through 3 with zero beginning at the north end of the county at the elementary school in Rileyville. The buffer map addresses the fiber construction primarily. Each major heading of the questionnaire will discuss each area of new construction individually under the heading. The maps begin with the project overview map, and the grid map is followed by the buffer map. Individual site maps are grouped together beginning on page 7 and are included within this text as smaller resolution pictures for reference only. The high resolution map files are separate individual PDF documents.

#### Page County Grid Map – New Construction

The grid map is a reference map for the individual sites of new construction throughout Page County. Each site map will relate to a purple square on this map and are referenced back to this page. This map shows the projected path of the fiber optic cable as a black or red line and all four (4) tower sites included in the project.

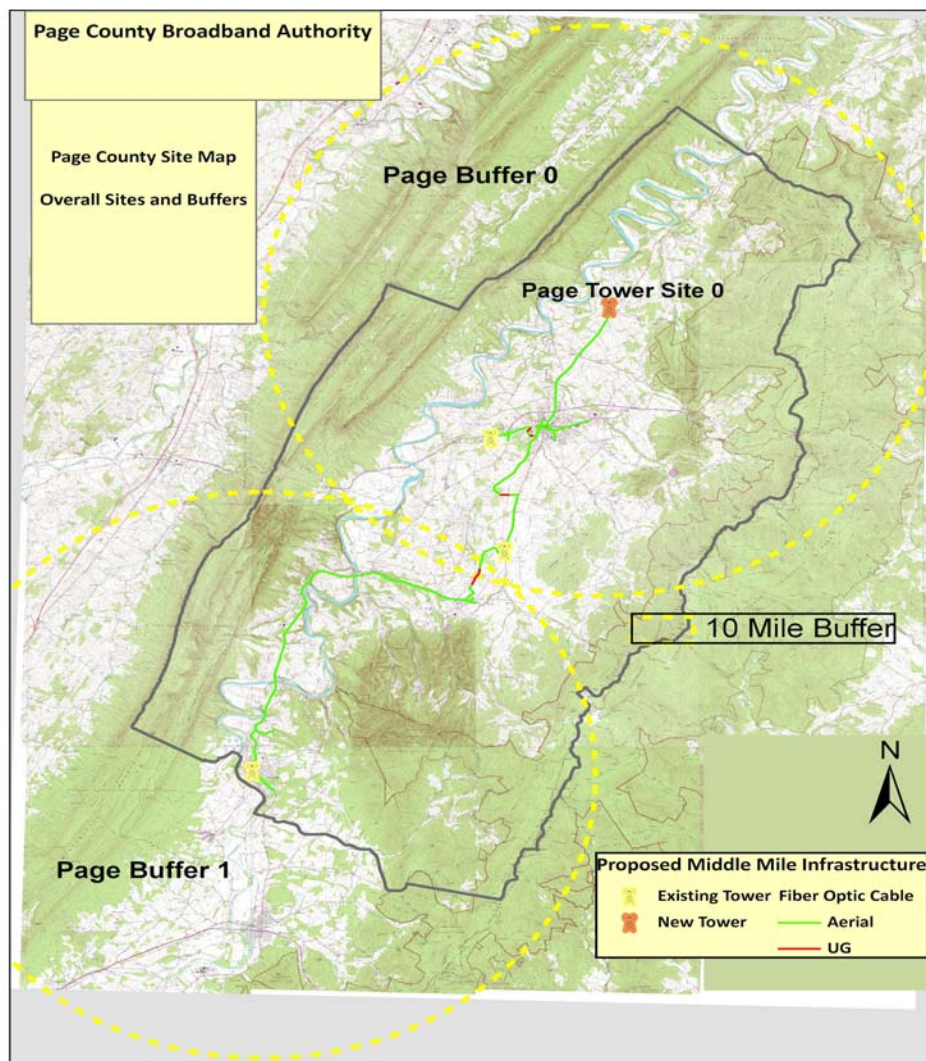




The file name for this map is PageCo 1410 Grid Index Map.pdf

### Overall Sites and Buffers Map

Because fiber cable construction is planned on existing pole lines or in a few small areas within existing Virginia Department of Transportation (VDOT) Right of Way (ROW), this overall map was produced to evaluate the entire route by dividing the County into two buffer zones of ten miles including the fiber route. The majority of the fiber will be deployed on utility poles that already exist. Where underground construction is required the existing road ROW will be utilized in previously disturbed ground. The route was planned to minimize ground disturbance.



This map file name is PageCo 1410 Overall Site Map Buffers.pdf

### Fiber Construction

Where underground deployment is required, fiber optic cable will be installed within the VDOT and local government ROW. All aerial fiber will be placed on existing utility pole lines unless otherwise noted and in Page County virtually all fiber is to be deployed aerially on existing poles. There are small areas of underground fiber construction in Luray by the hospital and to the County Government Center, and at two railroad crossings near Stanley. Trench, directional bore or missile bore shall be thirty (30) inches in depth with a total disturbed area an anticipated maximum of three (3) feet in width. The planned deployment aerially and underground will be on previously disturbed ROW.

### Tower Construction

Tower construction in Page County will consist of one (1) self supporting tower (no guys) at an approximate height of 199 feet. The tower will rest on a 20 foot square piered concrete slab surrounded by a 60 foot square fenced area.

Such towers should be unlighted unless Federal Aviation Administration regulations permit lights<sup>2</sup>. Only white light will be utilized if lit and security lighting will be down-shielded. Migratory bird regulations will be followed as described in the US Department of the Interior, Fish and Wildlife Services, Ecological Services paper dated August 20, 2008 RE Communication Tower Projects in Virginia.

### Buildings

At the tower sites it is possible a small co-location of equipment might be required in the form of a pedestal or not larger than a 10' by 10' co-location cabinet that would be positioned on the 20 foot square concrete slab already constructed to hold the self supporting tower.

## ii. Project Maps

The following maps detail the footprints of proposed construction and the surrounding areas that would be disturbed. Critical habitats, wetlands, protected lands and wildlife refuges if occurring in the proposed construction site are clearly identified on the maps.

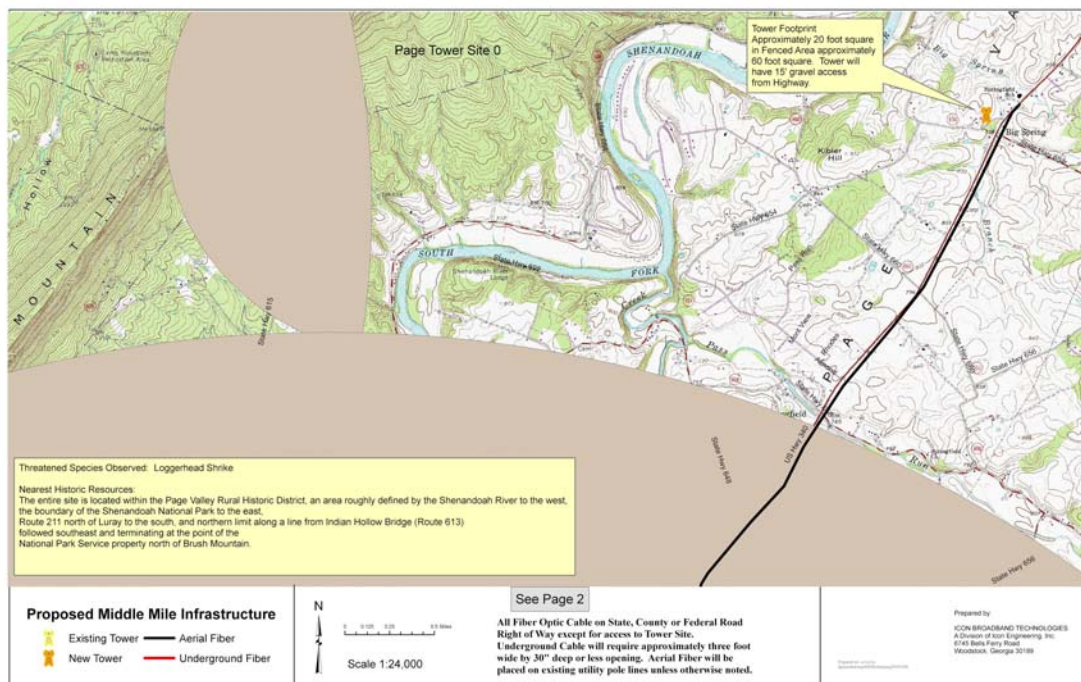
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<sup>2</sup> US Department of Interior Fish and Wildlife Service-Guidance On The Siting, Construction Operation And Decommissioning Of Communications Towers and Migratory Bird Recommendations 8.20.08.

The following map represents the one (1) tower to be constructed in Page County. Above each map is the file name associated with the separate PDF document, followed by the map, followed by the associated Site Database Records Report name which details the environmental impact.

This is the northern most tower located at Springfield Elementary School in Rileyville.

**The following map is file name PageCo 1410 Tower Site 0 Map Page 1.pdf.**



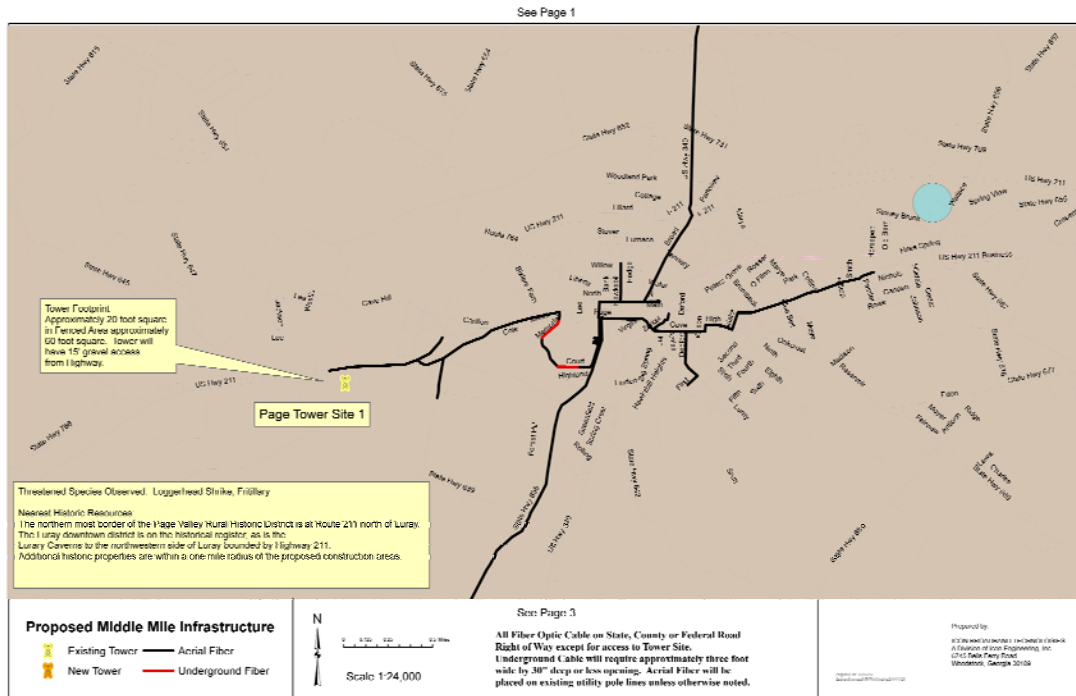
The above map #1 corresponds with index square 1 of the grid map located on page 4 of this document.

Additional information on the environmental impact for the Rileyville tower site 0 is contained in the file **PageCo 1410 Tower Site 0 Database Report.pdf**. This report includes all historic and archeological sites within a two mile radius of the tower with associated maps.

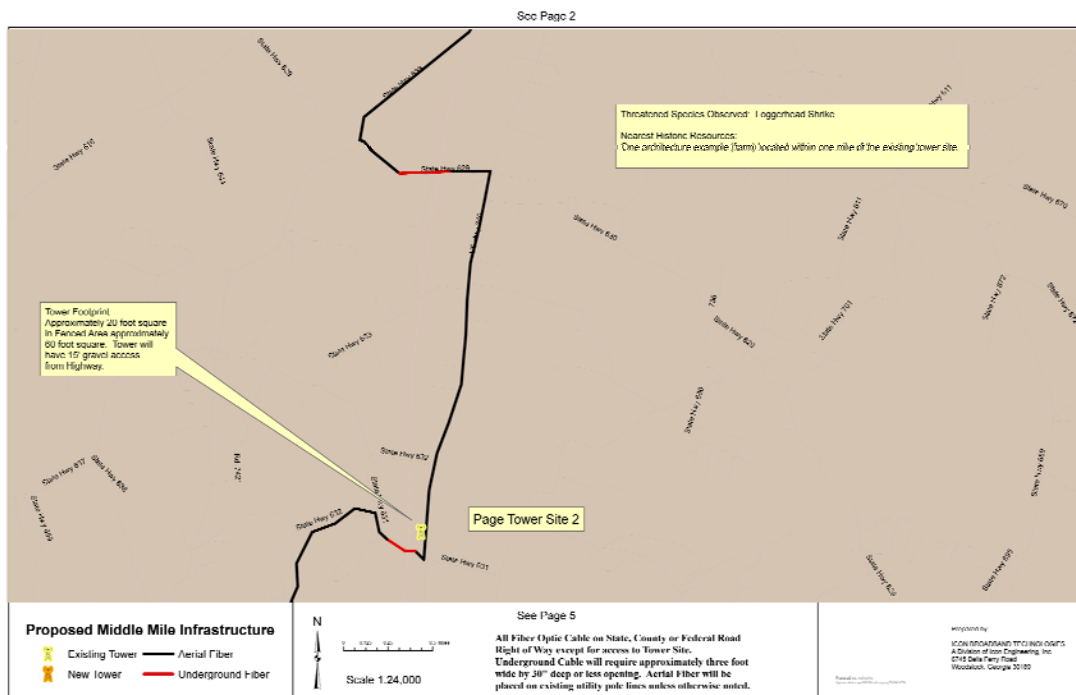
The majority of the project consists of mostly aerial fiber optic cable placement on existing utility pole lines, a small amount of underground fiber placement where pole line does not exist, and fiber connections to three existing towers. Additional information on the environmental impact for the remainder of the proposed project construction is contained in the Buffer Site 0 and 1 Database Reports. The following project maps detail the footprint of the construction route.



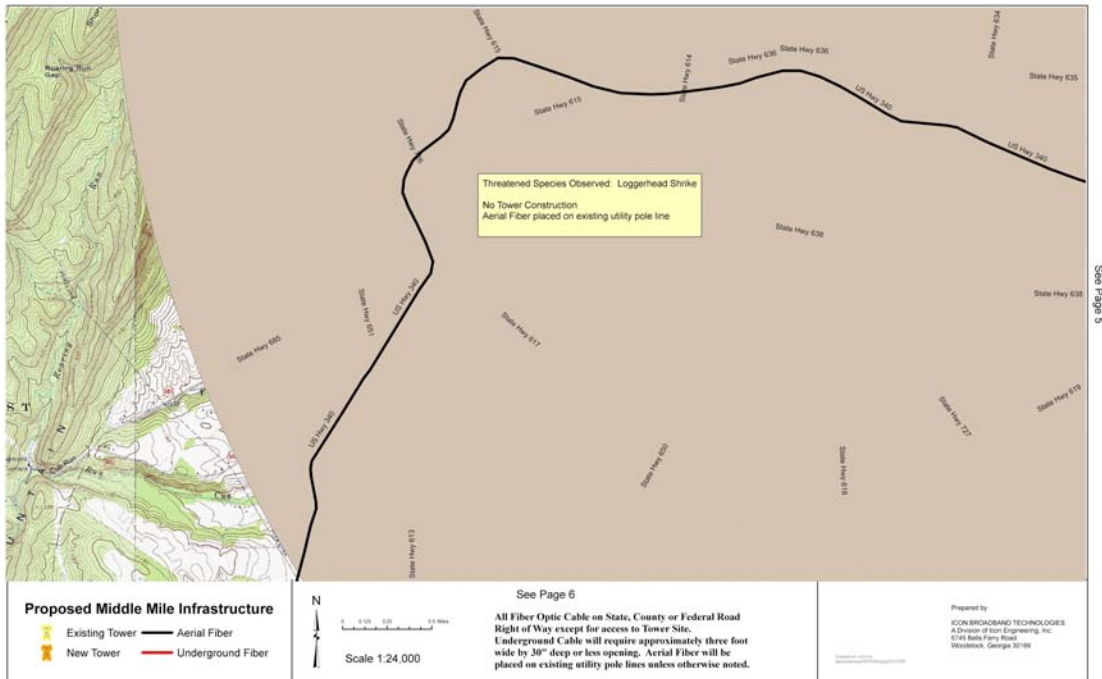
The following map is file name PageCo 1410 Tower Site 1 Map Page 2.pdf.



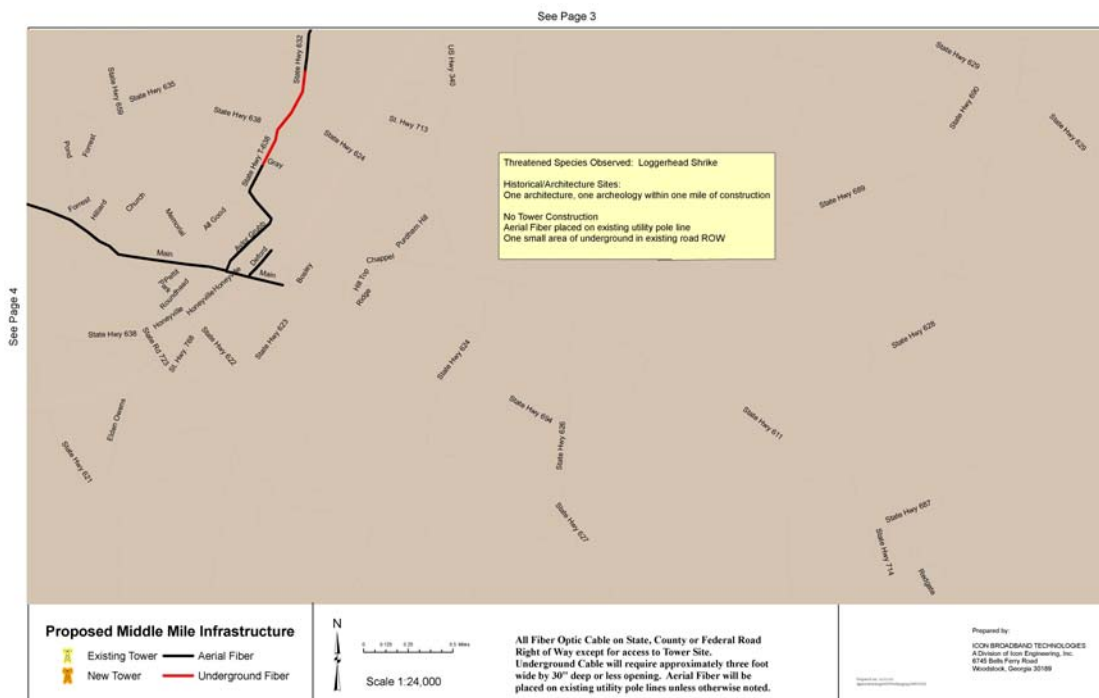
The following map is file name PageCo 1410 Tower Site 2 Map Page 3.pdf.



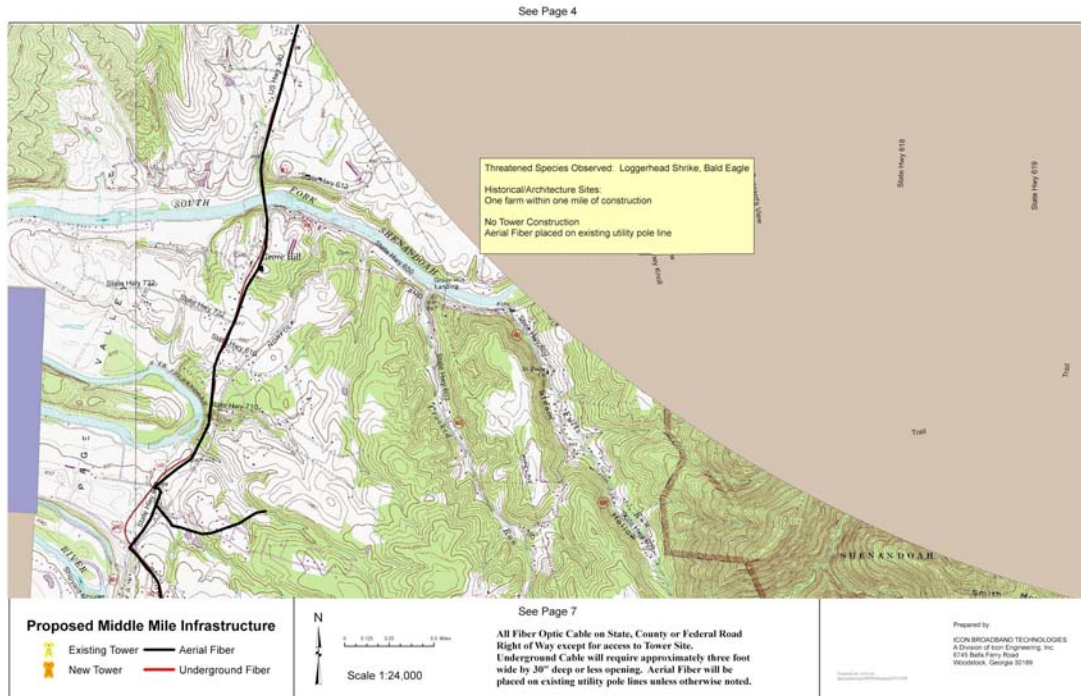
The following map is file name PageCo 1410 All Aerial Map Page 4.pdf.



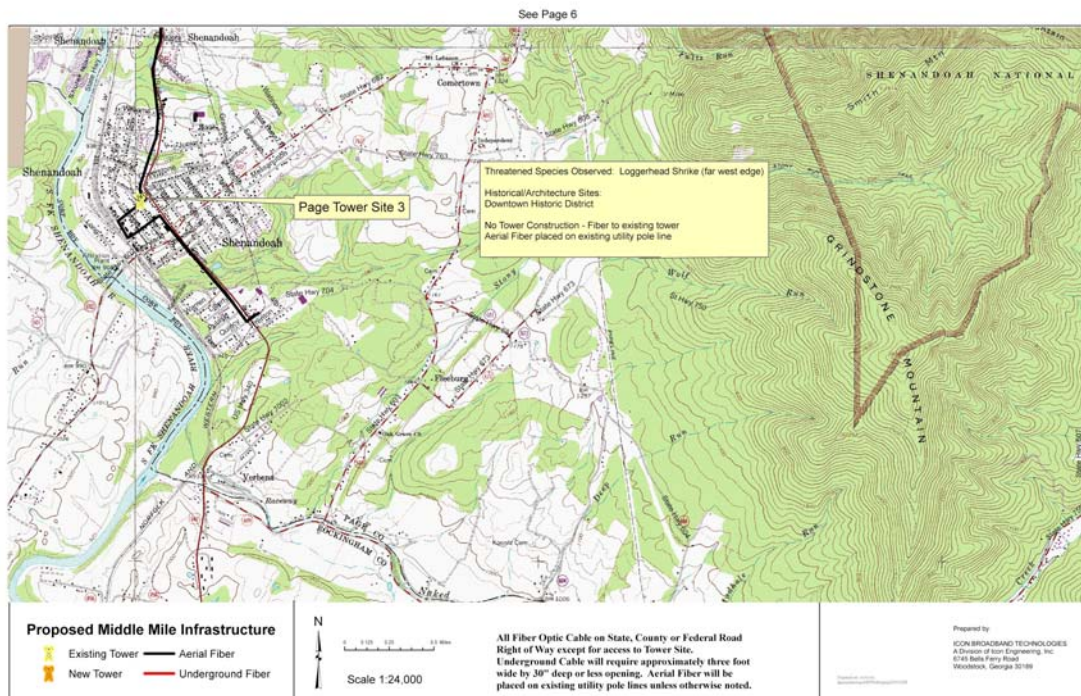
The following map is file name PageCo 1410 Aerial\_UG Map Page 5.pdf.



The following map is file name PageCo 1410 All Aerial Map Page 6.pdf.



The following map is file name PageCo 1410 Tower Site 3 Map Page 7.pdf.





### iii. Property Changes

#### Tower Construction

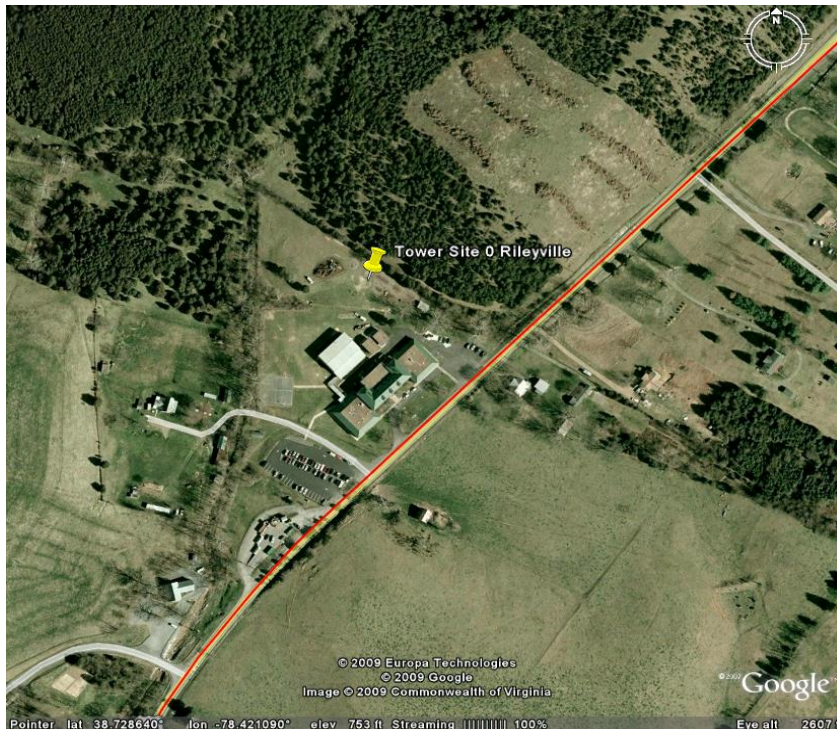
The tower site preliminarily chosen in Rileyville is zoned Agricultural. The site is on previously disturbed and cleared land. For all towers a smaller dimension drop fiber will be trenched to the tower base along an access drive currently exists. This site is not proposed on federally owned or managed land.

The tower should be unlighted unless Federal Aviation Administration regulations permit lighting. Only white light will be utilized if lit and security lighting will be down-shielded. Migratory bird regulations will be followed as described in the US Department of the Interior, Fish and Wildlife Services, Ecological Services paper dated August 20, 2008 RE Communication Tower Projects in Virginia.

The total footprint of the proposed new tower site will be 60 feet square and includes the following facilities:

- 199' self supporting tower (no guy wires)
- 20 x 20 concrete pad for tower
- Chain link fencing around the perimeter of an area approximately 60 feet square

#### **Aerial Snapshot – Rileyville, Proposed New Tower Site 0**



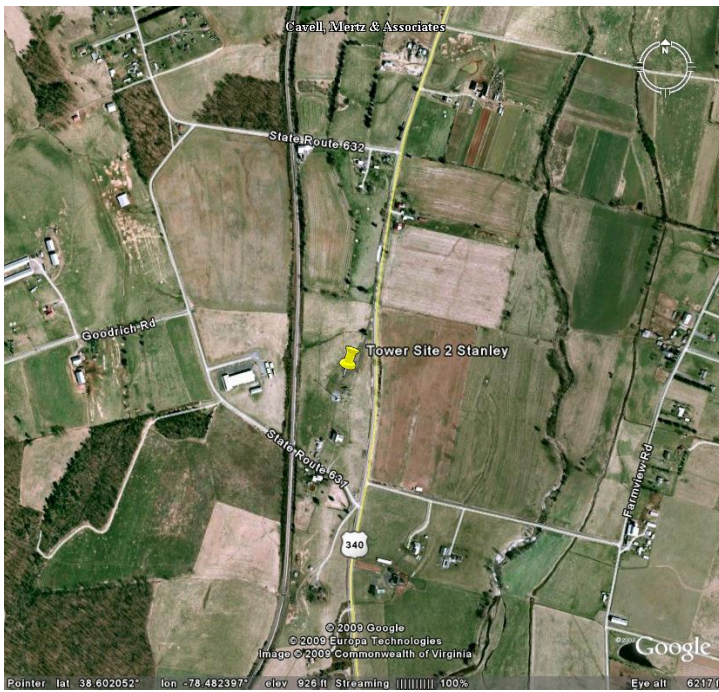


The remainder of towers to be utilized in the middle mile infrastructure project are existing. At the tower sites it is possible a small collocation of equipment might be required in the form of a pedestal or not larger than a 10' by 10' collocation cabinet that would be positioned on the concrete slab already constructed to hold the self supporting tower. Aerial photos of these three (3) existing towers are as follows:

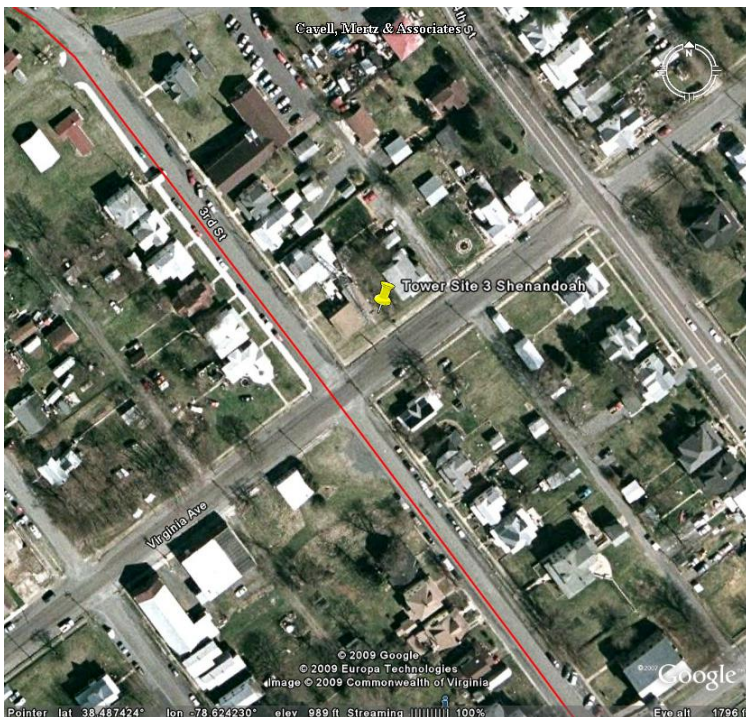
**Aerial Snapshot – Existing Tower Site 1, West Luray**



**Aerial Snapshot – Existing Tower Site 2, Stanley**



**Aerial Snapshot – Existing Tower Site 3, Shenandoah**



### Building Construction

The network operating center (NOC) will be located within existing county facilities on Court Street in Luray. The proposed NOC will provide space for collocating service provider equipment and aggregation. This property is zoned B-1 (Business District), but will not require new construction or result in any environmental impact. The building to be utilized is not 50 years old or older. A back up (future) operating center is proposed at the County Tech Park near Stanley to coincide with the planned data center network; this proposed future expansion is not included in the current grant application.

At the tower sites it is possible a small co-location of equipment might be required in the form of a pedestal or not larger than a 10' by 10' co-location cabinet that would be positioned on the concrete slab already constructed to hold the self supporting tower. Tower construction in Page County will consist of one (1) self supporting tower (no guys) at an approximate height of 199 feet. The tower will rest on a 20 foot square piered concrete slab surrounded by a 60 foot square fenced area.

### Fiber Construction

Where underground deployment is required, fiber optic cable will be installed within the VDOT and local government ROW. All aerial fiber will be placed on existing utility pole lines unless otherwise noted and in Page County virtually all fiber is to be deployed aerially on existing poles. There are small areas of underground fiber construction in Luray by the hospital and to the County Government Center, and at two railroad crossings near Stanley. Trench, directional bore or missile bore shall be thirty (30) inches in depth with a total disturbed area an anticipated maximum of three (3) feet in width. The planned deployment aerially and underground will be on previously disturbed ROW.

## iv. Buildings and Other Structures

At the tower sites it is possible a small collocation of equipment might be required in the form of a pedestal or not larger than a 10' by 10' collocation cabinet that would be positioned on the concrete slab already constructed to hold the self supporting tower.



#### v. Wetlands

These results are derived from the Page Buffer 0 Database Records Report; Page Buffer 1 Database Report, and Page Site 0 (Rileyville tower) Database Report.

- Rileyville Site 0 tower is not located on or near threatened or endangered waters or wetlands and there is no cold water stream (trout stream).

Fiber construction—all fiber construction is anticipated on existing poles or right of way. Until make ready engineering and walk out can be completed any encounter of unanticipated wetlands cannot be assured. However, because detailed design will not be completed until after make ready engineering is complete the final design will attempt to avoid disturbance to any wetland.

#### vi. Critical Habitats

Within this county there are few threatened species<sup>3</sup> within a two mile radius of the expected construction as shown on the Page County maps and within the Site and Buffer Database Reports. The whole county has numerous historical buildings, farms and archeological locations. The tower site has been put in areas unlikely to have any impact on these habitats even though there are sites within a thousand feet of the proposed tower. Explanations are given where applicable.

- New tower site located in Rileyville at the Springfield Elementary School—derived from Page Site 0 Database Report
  - Threatened species – None within a two mile radius. Those likely to be found within a four mile radius include the Loggerhead Shrike. As the tower is located in a cleared area on the school property, it is unlikely these species will be affected.

Fiber deployment aerial or underground should have no impact on the habitat as they are deployed on existing ROW or pole line. Please refer to Page Buffer Database Reports.

#### vii. Floodplains

The Rileyville tower site does not lie within a 100 or 500 year flood plain.

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<sup>3</sup> As used in this document threatened species refers to State or Federally endangered or threatened species.

This information was confirmed from the FEMA floodplain map on the FEMA.gov website and FIRMettes for Page County, Virginia.

#### viii. Protected Lands

The data on protected lands within a one mile radius of the proposed new Page County tower is as follows:

- Tower Site 0 Rileyville—
  - Nearest historical and archeological sites—the proposed new tower is to be located on cleared previously disturbed land on the school property. The entire community is included in an architectural polygon. Disruption to the surrounding area will be limited to an approximate 60 foot square area.
  - Nearest conservation sites—None within one mile

Fiber construction will not impact historic or archeological areas as it is all planned on existing ROW or pole lines.

The project is located within a Page County Rural Historic District that constitutes that area roughly defined by the Shenandoah River to the west, the boundary of the Shenandoah National Park to the east, Route 211 north of Luray to the south, and northern limit along a line from Indian Hollow Bridge (Route 613) followed southeast and terminating at the point of the National Park Service property north of Brush Mountain. The land and resources, both architectural and archaeological, included within the above boundaries represent over 200 years of Euro-American occupation in the Page Valley.

The project will not use or alter any building constructed more than 50 years ago.

The project is not located on any tribal lands.

#### ix. Coastal Areas

Page County is not located in an area designated as a coastal zone or one administered by the Virginia Coastal Resources Management Program.

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#### x. Brownfields

There are no brownfields within Page County.

## Signature Page

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The required Environmental Questionnaire signature page follows this page.

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

**Environmental Questionnaire**

Any project-related activity that may adversely affect the environment must not be undertaken prior to the completion of Rural Utilities Service/National Telecommunication and Information Administration environmental review process. Doing so may jeopardize consideration of your application. All of the following questions must be completed or the application will be considered incomplete. Note: The applicant may submit a copy of any environmental review document that has been prepared in connection with obtaining permits, approvals, or other financing for the proposed project from State, local or other federal bodies. Such material, to the extent relevant, may be used to meet the requirements herein.

- i. **Project Description:** Describe all project-related construction activities, including, but not limited to building construction related to installing pre-fabricated buildings; internal modifications, or equipment additions to buildings or other structures (e.g., relocating interior walls or adding computer facilities); the construction and installation of buried cable; or installation of telecommunications transmission facilities including construction of new monopole towers, satellite dishes. Complete descriptions must be provided for each site affected by project-related construction activities.
- ii. **Map:** Include a map for each site affected by construction (recommend U.S. Geological Survey 7.5-minute quadrangle maps at a map scale of 1:24,000; larger scale maps may be provided for site-specific proposals). USGS maps may be obtained and purchased at the following website: <http://www.usgs.gov/pubprod/maps.html>. If appropriate, photographs or aerial photographs of site-specific proposals may be provided.
- iii. **Property Changes:** Describe and indicate the amount of property to be cleared, excavated, fenced, or otherwise disturbed by the project and describe the current land use and zoning for each project site affected by construction including whether the project is proposed to be located on public land owned or managed by the federal government.
- iv. **Buildings:** Describe buildings or other structures (i.e., transmission facilities), including dimensions, to be constructed or modified. For linear projects, state whether the project is to be located on or within previously disturbed public rights-of-way.
- v. **Wetlands:** Describe and indicate whether wetlands are present on or near the project site(s) affected by construction (maps of wetlands may be obtained from the U.S. Fish and Wildlife Service's National Wetland Inventory website: <http://www.fws.gov/wetlands/> or from soil maps obtained from the USDA, Natural Resource Conservation Service's website: <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>).
- vi. **Critical Habitats:** Describe and indicate whether any project site(s) include or are near critical habitats or will affect any threatened, endangered or candidate species. Applicants must provide species lists and appropriate species accounts

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

obtained from the U.S. Fish and Wildlife Service's website:  
[http://ecos.fws.gov/tess\\_public/](http://ecos.fws.gov/tess_public/) for each county affected by construction of the project.

- vii. **Floodplains:** Describe whether or not any facility(ies) or site(s) are located within a 100 or 500-year floodplain. Information related to floodplains and National Flood Insurance Maps may be obtained from the Federal Emergency Management Agency's (FEMA) website  
<http://www.msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12001&langId=-1&usertype=G&type=1>. If any project-related construction activities are within floodplains, a copy of the FEMA, "FIRMette" with construction activities depicted on the map must be included. For obtaining FIRMettes review the tutorial provided by FEMA.
- viii. **Protected Lands:** Describe any cultural resources, including *historic properties*, i.e., properties listed in or eligible for listing in the National Register of Historic Places, which are located in or within a one-mile radius of the project area and how they may be impacted by the project. Information related to historic properties can be obtained from the State Historic Preservation Office (SHPO) in your respective State - see the website of the National Conference of SHPO: <http://www.ncshpo.org/find/index.htm> or from the Tribal Historic Preservation Officer (THPO) when tribal lands are involved. Applicants must gather information about the nature and location of these properties from the SHPO. SHPOs should be asked the following questions:
1. Is the proposed project located on, within or adjacent to any properties listed in or eligible for listing in the National Register of Historic Places? Is the proposed project located on, within or adjacent to a National Historic Landmark? If the answer is yes, describe and indicate the geographic relationship between the project and property with maps.
  2. Will the proposed project impact, use or alter a building or structure that was constructed more than 50 years ago? If so, describe the building/structure with a statement of its condition, including photographs, and document its age.
  3. Is any portion of the project located on tribal lands, meaning lands within the exterior boundaries of any Indian reservation and all dependent Indian communities?
  4. Applicants must provide SHOP/THPO responses/information to these questions including any correspondence with the SHPO/THPO, as applicable.
- ix. **Coastal Areas:** Determine whether or not the project is within the boundaries of a coastal zone management area (CZMA). For boundary related and contact information related to CZMA, see National Oceanic and Atmospheric Administration, Office of Ocean and Coastal Resource Management's website:  
<http://coastalmanagement.noaa.gov/consistency/welcome.html>



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

- x. **Brownfields:** Determine whether the project is located within a brownfield site. Per 42 U.S.C. 9601, the term "brownfield site" means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Maps and locations of sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under EPA's Superfund, RCRA and/or brownfields cleanup programs can be found at the following website: <http://iaspub.epa.gov/Cleanups/>.

Note: The applicant may submit a copy of any environmental review document that has been prepared in connection with obtaining permits, approvals, or other financing for the proposed project from State, local or other federal bodies. Such material, to the extent relevant, may be used to meet the requirements herein.

Printed Legal Name of Applicant:

*Page County Broadband Authority*

Signature:

*Bernard P. Mallory*

Date:

*December 14, 2009*

The applicant's representative certifies to the best of his/her knowledge and belief that the information contained herein is accurate. Any false information may result in disqualification for consideration of financial assistance or the rescission of financial assistance.

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

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

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

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Printed Legal Name of Applicant:

Page County Broadband Authority

Signature:

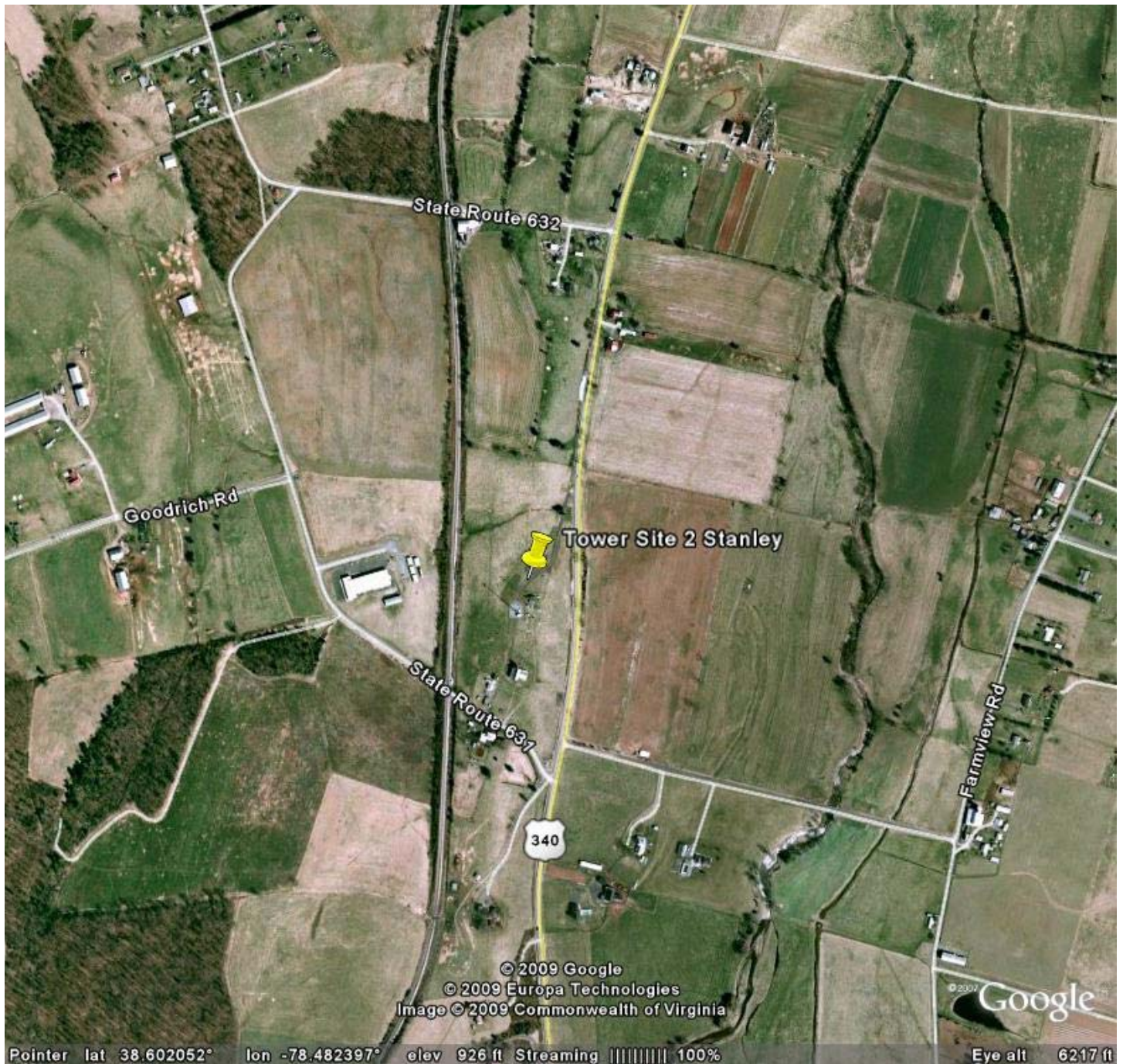


Date:

December 14, 2009

The applicant's representative certifies to the best of his/her knowledge and belief that the information contained herein is accurate. Any false information may result in disqualification for consideration of financial assistance or the rescission of financial assistance.





Page County, Virginia

Tower Site 2 - Stanley (Existing)  
4402 US Highway 340





Page County, Virginia

Tower Site 1 - West Luray (Existing)

Easy Radio ASR #101250637

1057 US Highway 211 West





Page County, Virginia

Tower Site 0 - Rileyville (New Construction)  
Springfield Elementary School  
Big Spring Lane and Highway 340



Page County Site Map

Overall Sites and Buffers

Page Buffer 0






Page Tower Site 0

10 Mile Buffer

Page Buffer 1



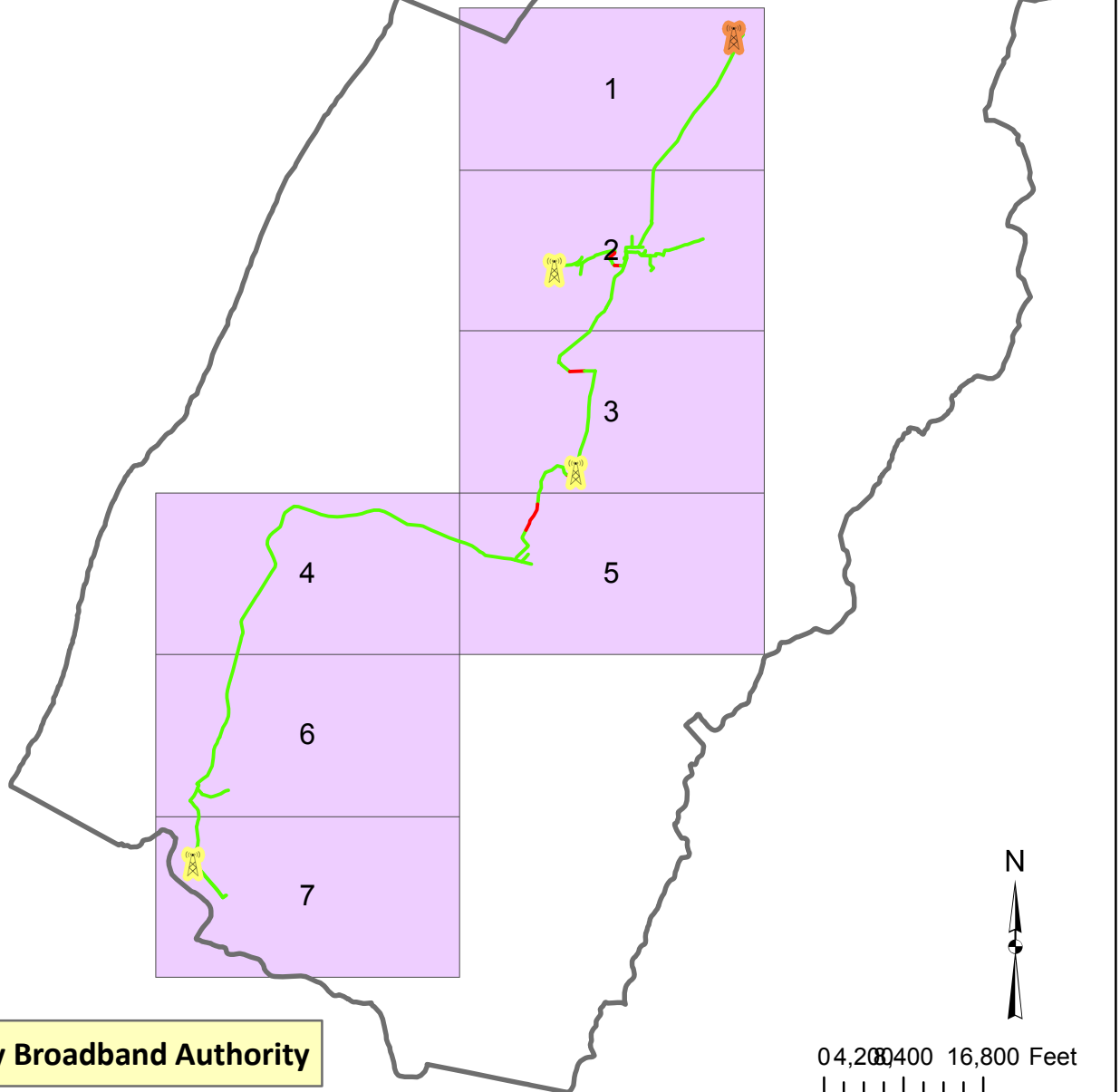
Proposed Middle Mile Infrastructure

- |   |                |   |                   |
|---|----------------|---|-------------------|
|  | Existing Tower |  | Fiber Optic Cable |
|  | New Tower      |  | Aerial            |
|   |                |  | UG                |






### Grid Index Map

Map of Page County, Virginia with an index grid (1:24,000) superimposed. Subsequent information includes maps which utilize this number system (1-7). This map also shows the location of the proposed middle mile infrastructure.



Page County Broadband Authority

### Proposed Middle Mile Infrastructure

-  Existing Tower
-  New Tower
-  Aerial
-  UG

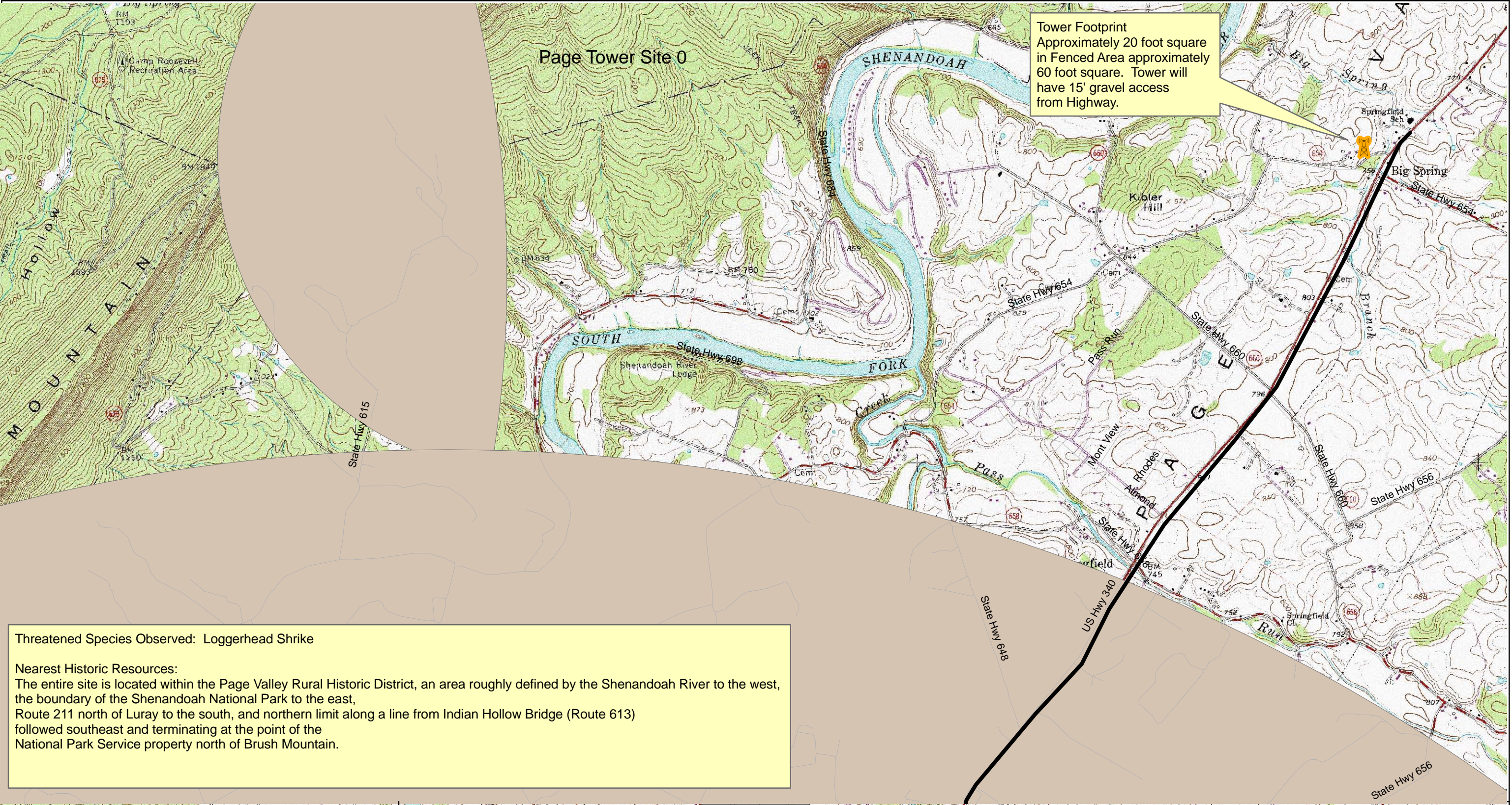
Prepared by:

ICON BROADBAND TECHNOLOGIES  
A Division of Icon Engineering, Inc.  
6745 Bells Ferry Road  
Woodstock, Georgia 30189



Page Co Proposed Broadband Network 20091214





Threatened Species Observed: Loggerhead Shrike

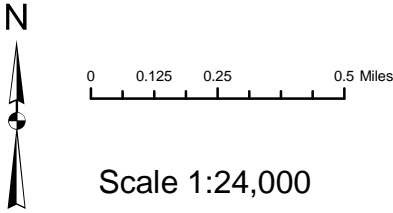
Nearest Historic Resources:  
The entire site is located within the Page Valley Rural Historic District, an area roughly defined by the Shenandoah River to the west, the boundary of the Shenandoah National Park to the east, Route 211 north of Luray to the south, and northern limit along a line from Indian Hollow Bridge (Route 613) followed southeast and terminating at the point of the National Park Service property north of Brush Mountain.

See Page 2

All Fiber Optic Cable on State, County or Federal Road Right of Way except for access to Tower Site. Underground Cable will require approximately three foot wide by 30" deep or less opening. Aerial Fiber will be placed on existing utility pole lines unless otherwise noted.

Proposed Middle Mile Infrastructure

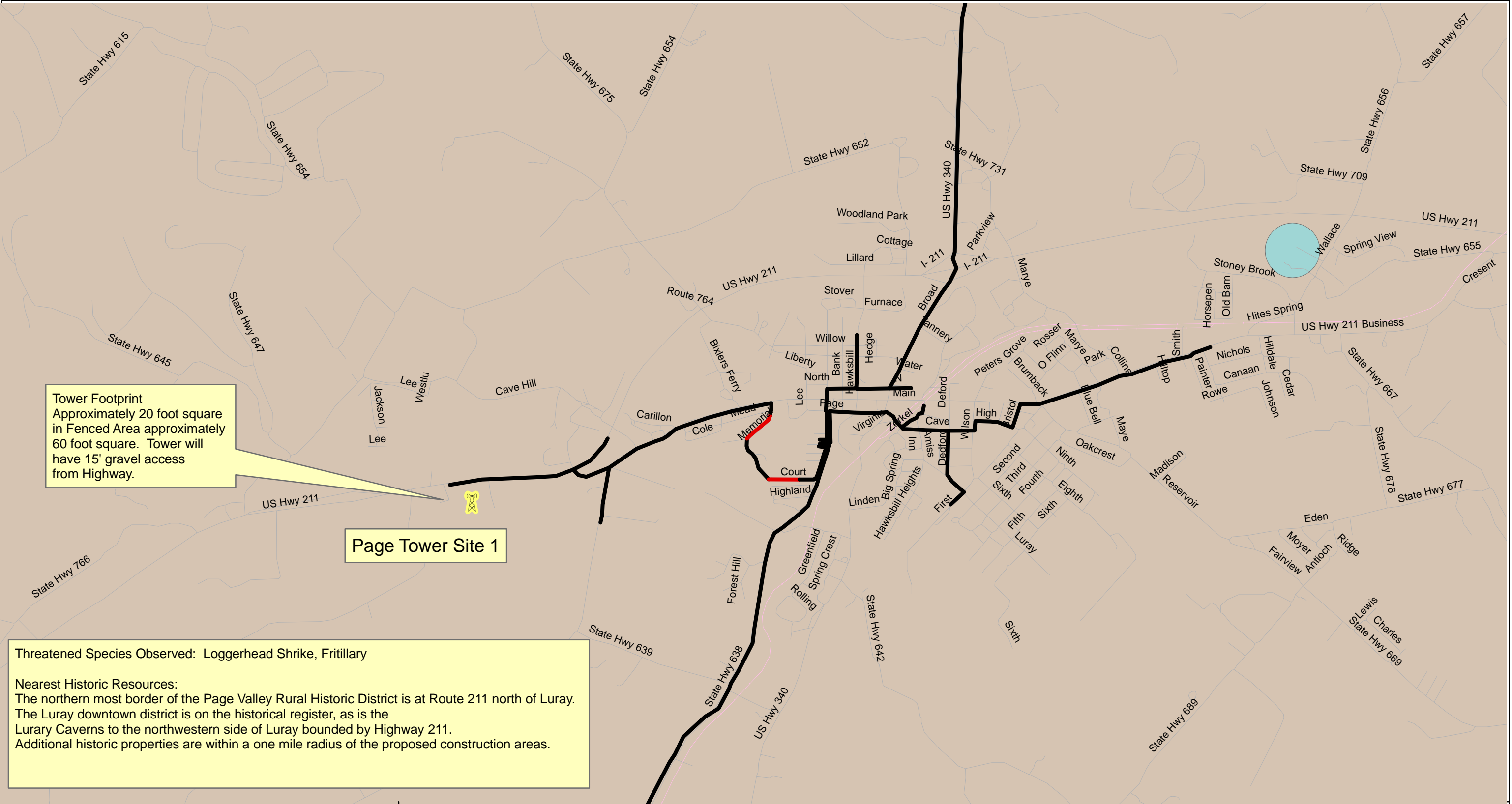
- Existing Tower
- New Tower
- Aerial Fiber
- Underground Fiber



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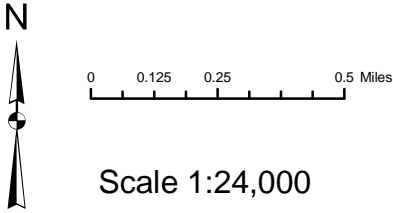
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**Proposed Middle Mile Infrastructure**

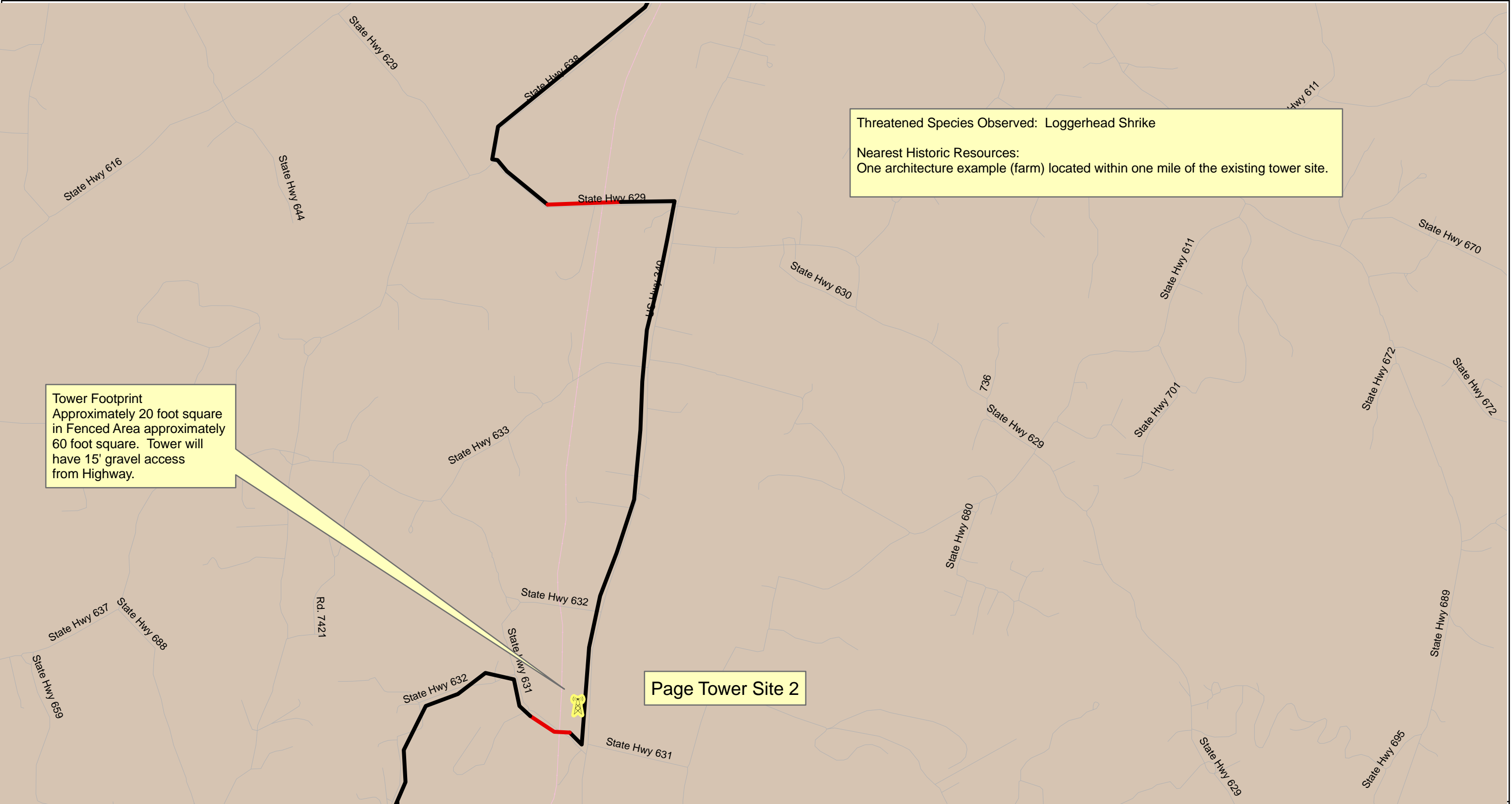
- Existing Tower
- New Tower
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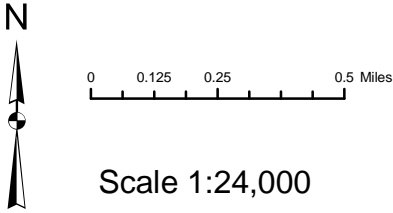
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Page Tower Site 2

Proposed Middle Mile Infrastructure

- Existing Tower
- New Tower
- Aerial Fiber
- Underground Fiber



See Page 5

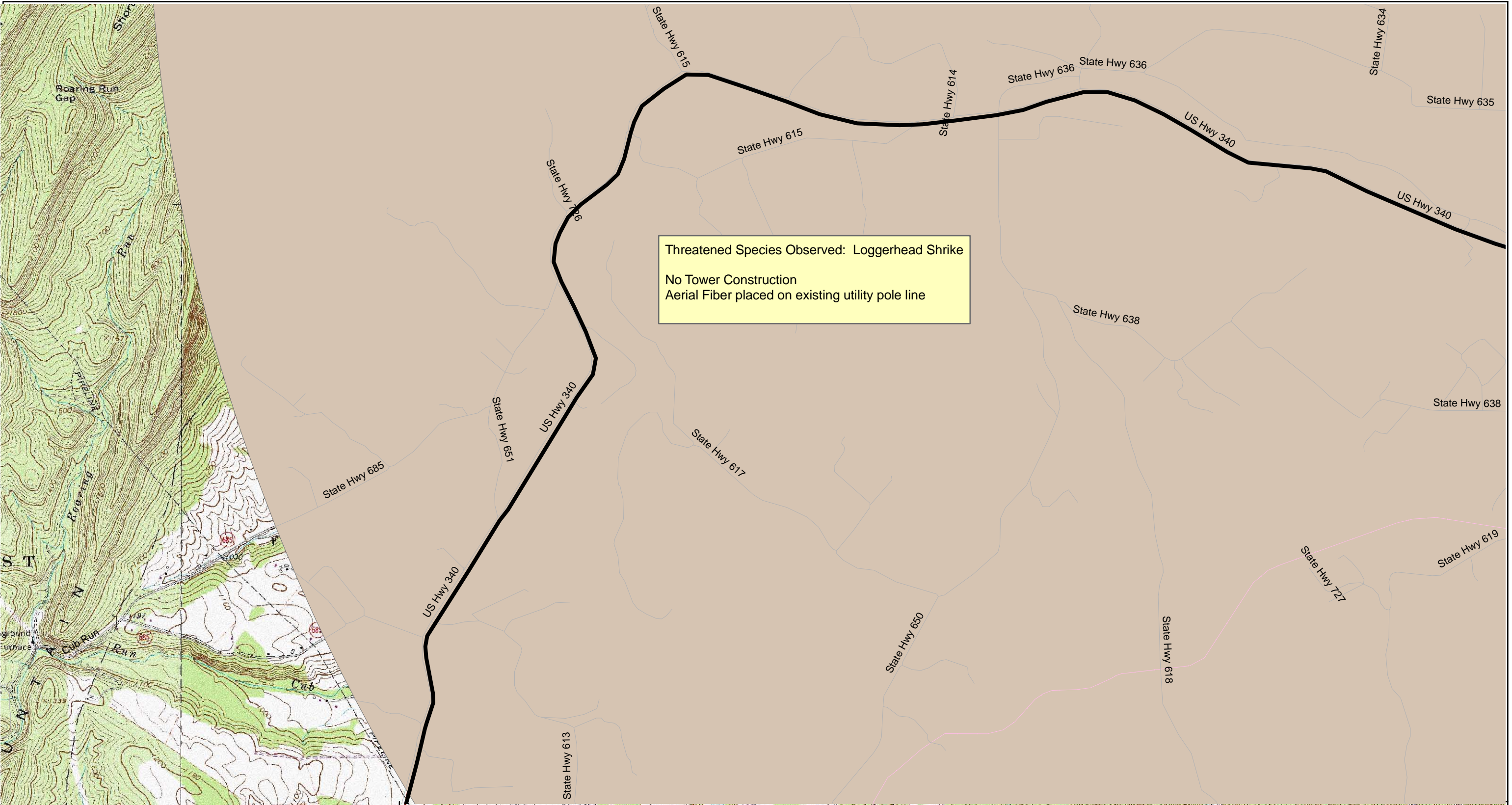
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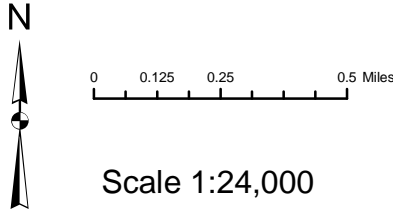




See Page 5

### Proposed Middle Mile Infrastructure

-  Existing Tower
-  New Tower
-  Aerial Fiber
-  Underground Fiber

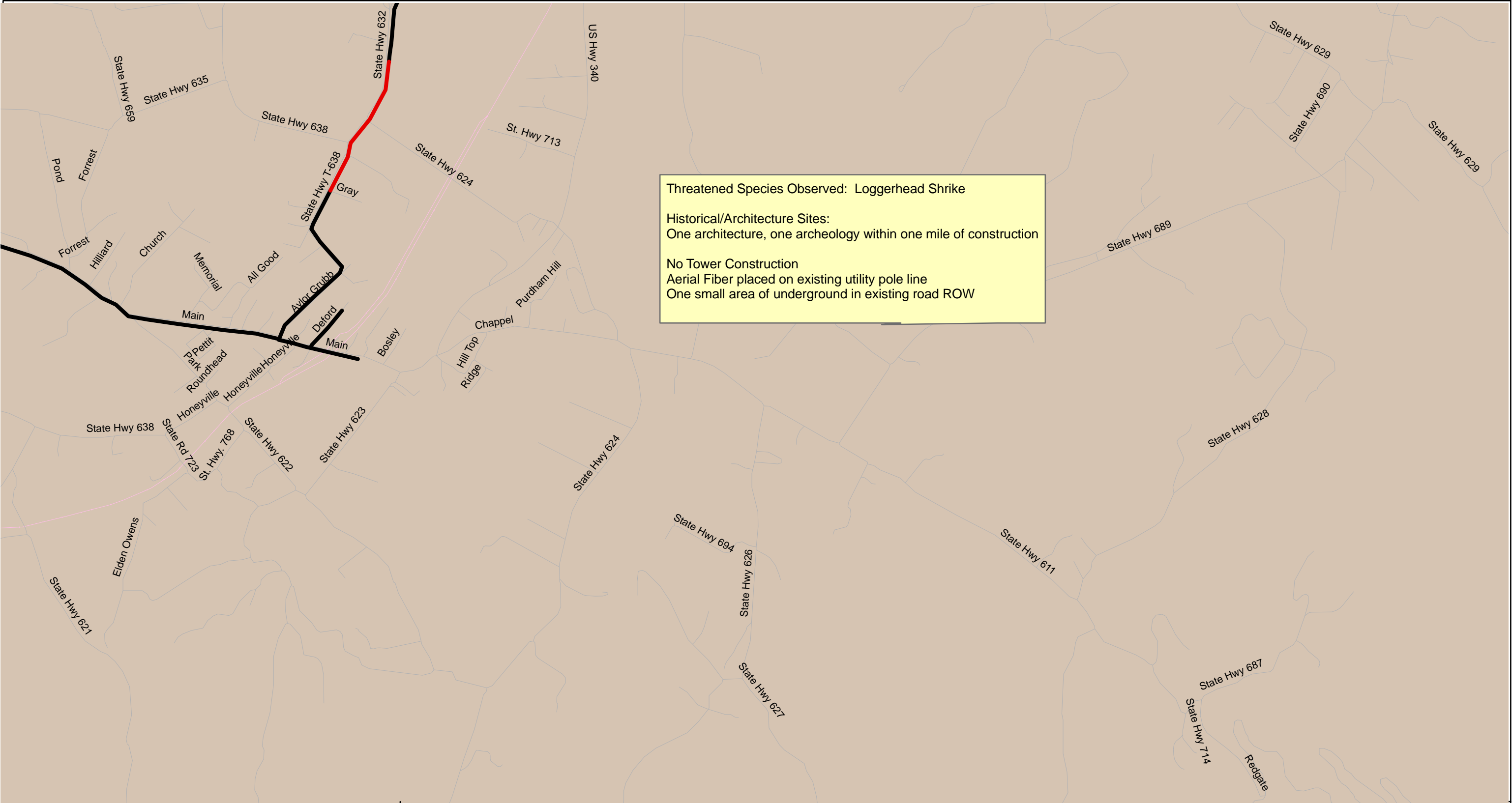


See Page 6

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Prepared on: xx/xx/xx  
dgeneralstorageMBWorking20091028



## Proposed Middle Mile Infrastructure



## Existing Tower



## Aerial Fiber

## New Tower



## Underground Fiber



0 0.125 0.25 0.5 Miles

Scale 1:24,000

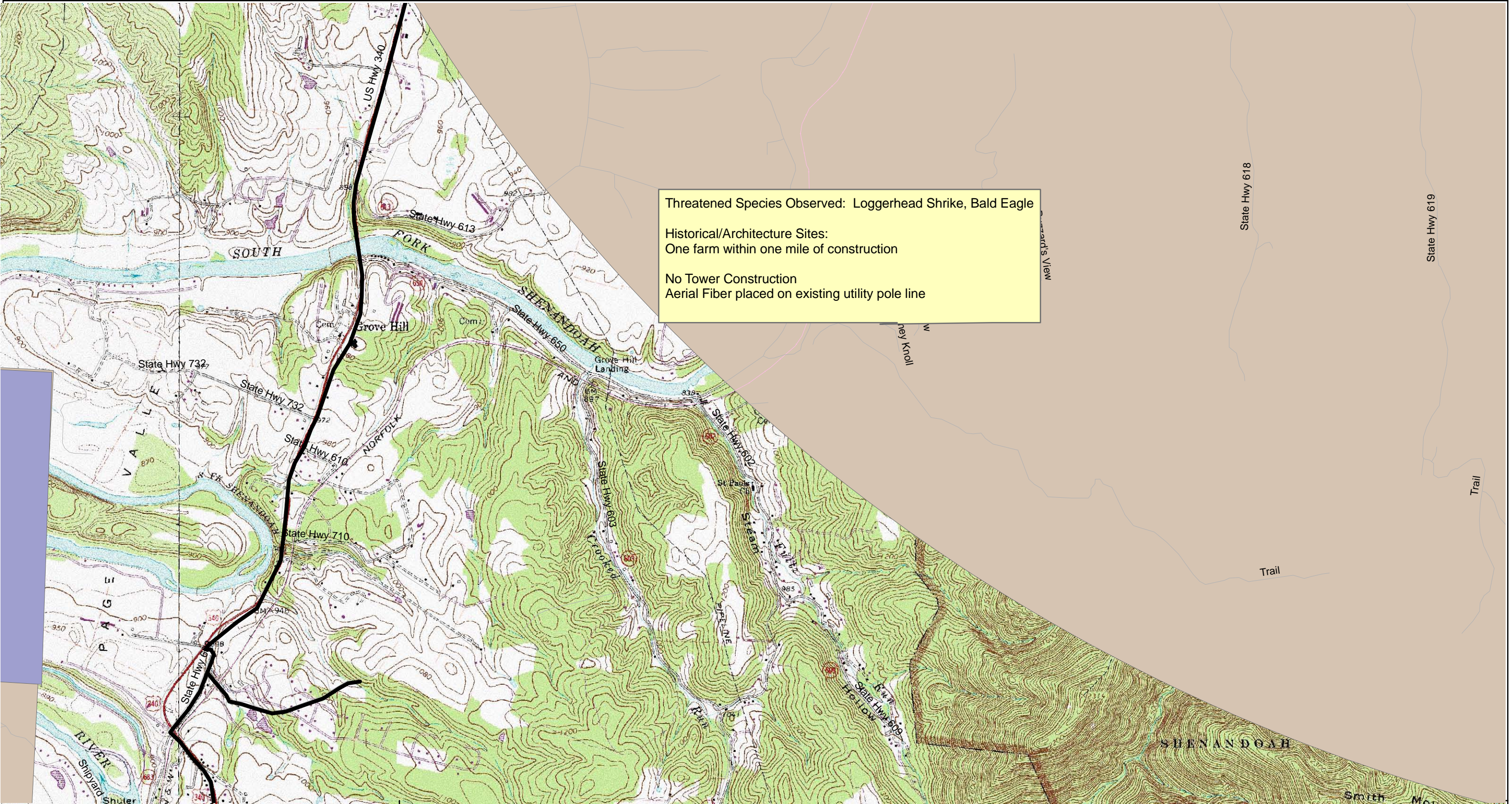
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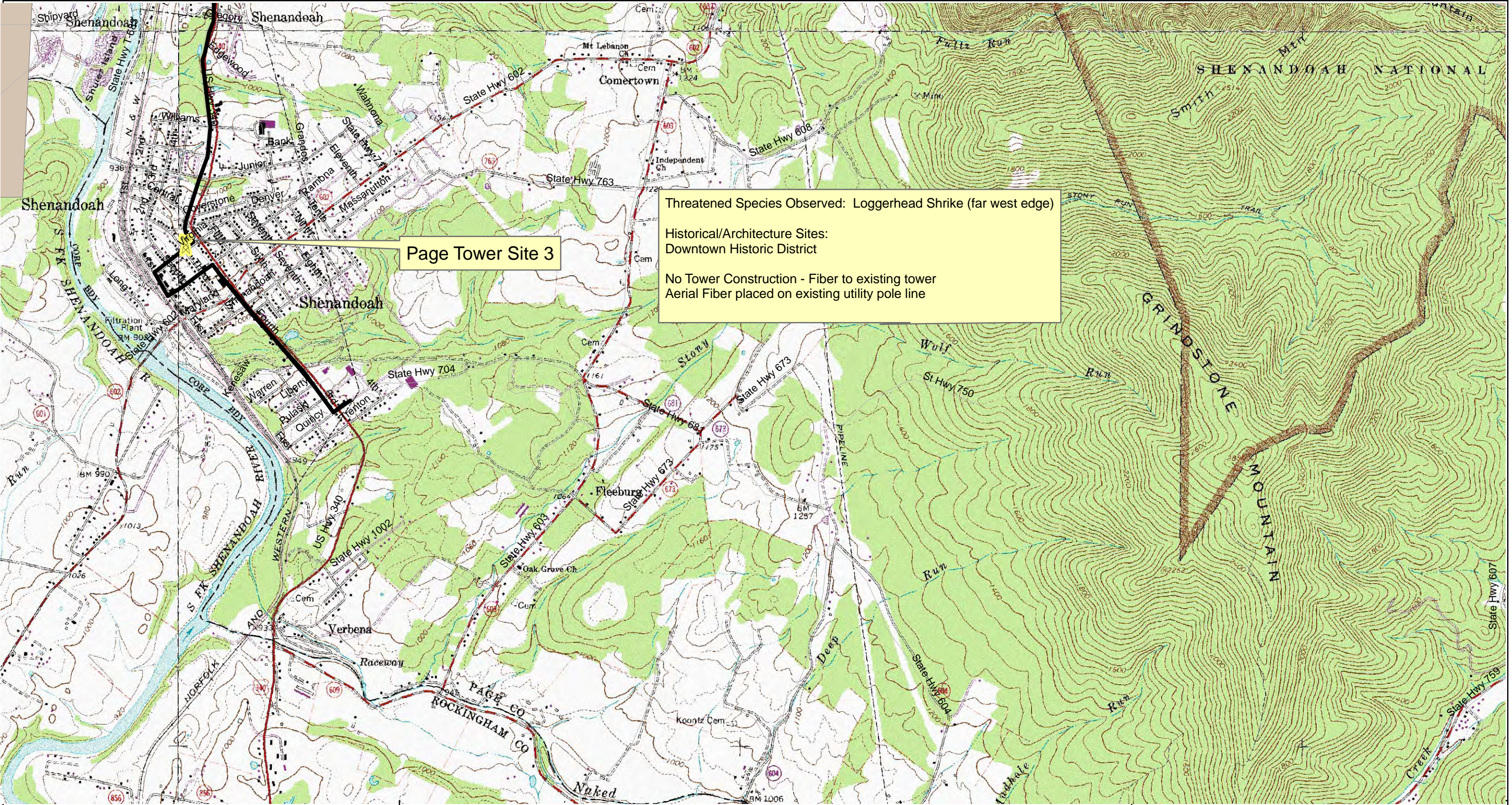
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6160 Kempsville Circle, Suite 200A  
Norfolk, Virginia 23502  
(757) 455-5800 Fax (757) 455-5638  
[www.clarknexsen.com](http://www.clarknexsen.com)





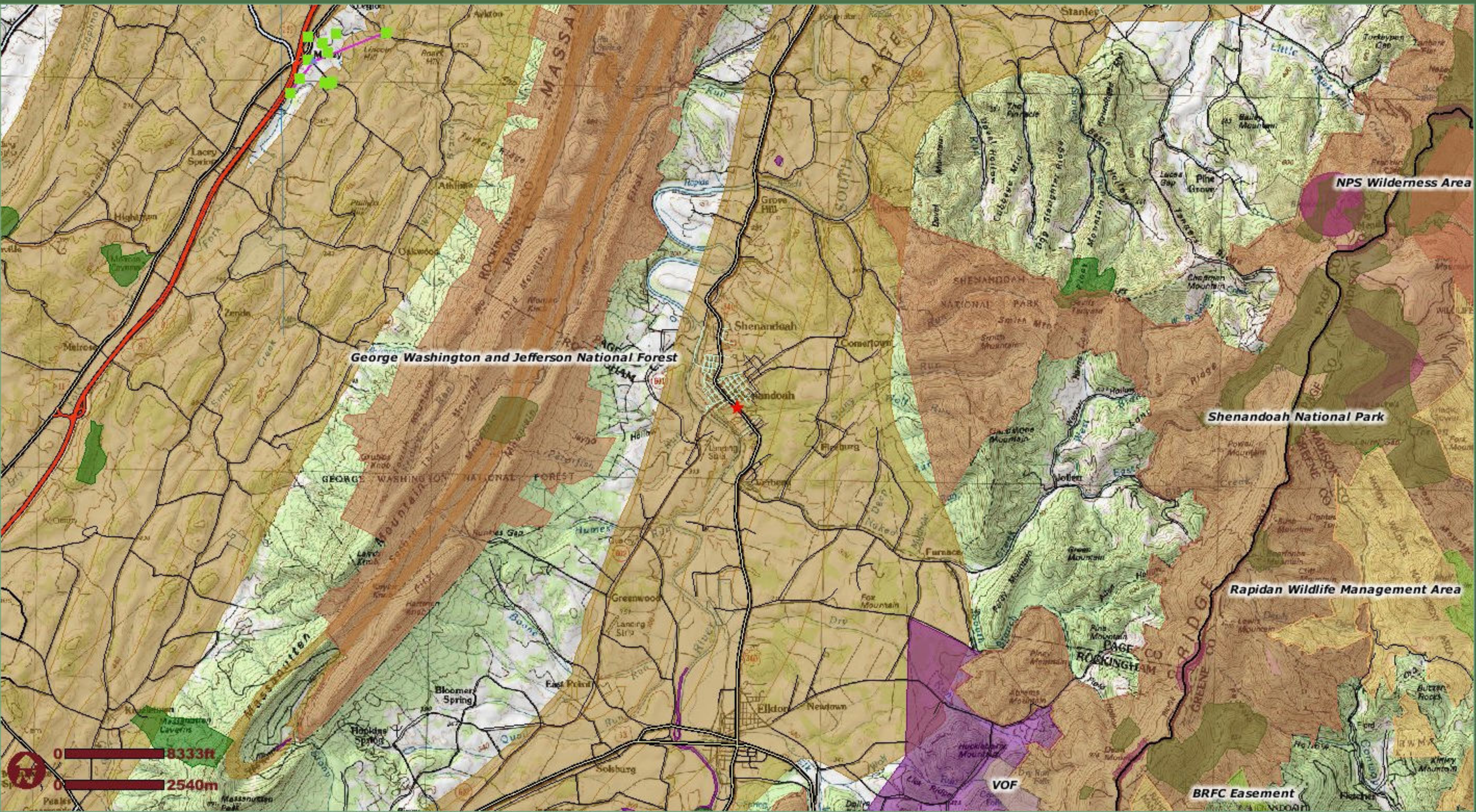
Layers

Legend

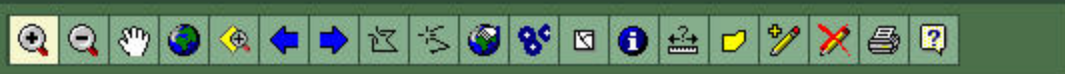
- Conservation Lands Labels
- ▲

 Dye Inputs
- Monitor Points
- ↗

 Dye Trace Vectors
- VDOT Roads
- 1
- 2
- 3
- 0
- 4
- 5
- 6
- 8
- 21
- <all other values>
- Managed Conservation Lands
- Federal
- Local
- Private
- State
- VOF
- NH Screening Layer
- Conservation Site
- GLNHR
- Karst Screen







LayersLegend

Dye Inputs

Monitor Points

Dye Trace Vectors

VDOT Roads

1

2

3

0

4

5

6

8

21

<all other values>

Managed Conservation Lands

Federal

Local

Private

State

VOF

NH Screening Layer

Conservation Site

GLNHR

Karst Screen

SCU

Zoom InNH Screening Layer

1: 200000

Zoom ToLatitude/LongitudeLat (Easting): 38 28 57Long (Northing): 78 37 03GO





# Virginia Department of Game and Inland Fisheries

12/11/2009 2:31:27 PM

## Fish and Wildlife Information Service

### VaFWIS Initial Project Assessment Report

Compiled on

[Help](#)

12/11/2009, 2:31:27 PM

Known or likely to occur within a **10 mile radius of 38,28,57.0 78,37,03.0**  
 in **079 Greene County, 113 Madison County, 139 Page County, 165 Rockingham County,**  
**171 Shenandoah County, VA**

571 Known or Likely Species ordered by Status Concern for Conservation  
 (displaying first 41) (41 species with Status\* or Tier I\*\*)

<a href="#">BOVA Code</a>	<a href="#">Status*</a>	<a href="#">Tier**</a>	<a href="#">Common Name</a>	<a href="#">Scientific Name</a>	Confirmed	Database(s)
020045	FESE	I	<a href="#">Salamander, Shenandoah</a>	Plethodon shenandoah		BOVA
050023	FESE	I	<a href="#">Bat, Indiana</a>	Myotis sodalis		BOVA
050035	FESE	II	<a href="#">Bat, Virginia big-eared</a>	Corynorhinus townsendii virginianus		BOVA
200010	FEST		<a href="#">Rock-cress, shale barren</a>	Arabis serotina	<a href="#">Yes</a>	Collections
050009	SE	II	<a href="#">Shrew, American water</a>	Sorex palustris		BOVA
060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>	Collections,TEWaters,BOVA
030062	ST	I	<a href="#">Turtle, wood</a>	Glyptemys insculpta		BOVA
040096	ST	I	<a href="#">Falcon, peregrine</a>	Falco peregrinus	<a href="#">Yes</a>	BBS,BOVA
040129	ST	I	<a href="#">Sandpiper, upland</a>	Bartramia longicauda		BOVA
040293	ST	I	<a href="#">Shrike, loggerhead</a>	Lanius ludovicianus	<a href="#">Yes</a>	Collections,BBA,BBS,CBC,BOVA
040093	FSST	II	<a href="#">Eagle, bald</a>	Haliaeetus leucocephalus	<a href="#">Yes</a>	BBA,BOVA
060081	ST	II	<a href="#">Floater, green</a>	Lasmigona subviridis		BOVA
040292	ST		<a href="#">Shrike, migrant loggerhead</a>	Lanius ludovicianus migrans		BOVA
100248	FS	I	<a href="#">Fritillary, regal</a>	Speyeria idalia idalia		BOVA

060050	FSSS	II	<a href="#">Pigtoe, Tennessee</a>	Fusconaia barnesiana		BOVA
040372	SS	I	<a href="#">Crossbill, red</a>	Loxia curvirostra	<a href="#">Yes</a>	CBC,BOVA
040306	SS	I	<a href="#">Warbler, golden-winged</a>	Vermivora chrysoptera	<a href="#">Yes</a>	Collections,BBA,BOVA
020027	SS	II	<a href="#">Salamander, Cow Knob</a>	Plethodon punctatus		BOVA
040213	SS	II	<a href="#">Owl, northern saw-whet</a>	Aegolius acadicus	<a href="#">Yes</a>	CBC,BOVA
040266	SS	II	<a href="#">Wren, winter</a>	Troglodytes troglodytes	<a href="#">Yes</a>	Collections,BBA,BBS,CBC,BOVA
030063	CC	III	<a href="#">Turtle, spotted</a>	Clemmys guttata	<a href="#">Yes</a>	Collections,BOVA
040094	SS	III	<a href="#">Harrier, northern</a>	Circus cyaneus	<a href="#">Yes</a>	CBC,BOVA
040036	SS	III	<a href="#">Night-heron, yellow-crowned</a>	Nyctanassa violacea violacea		BOVA
040204	SS	III	<a href="#">Owl, barn</a>	Tyto alba pratincola	<a href="#">Yes</a>	BBA,CBC,BOVA
030012	CC	IV	<a href="#">Rattlesnake, timber</a>	Crotalus horridus	<a href="#">Yes</a>	Collections,ObsBook,BOVA
040264	SS	IV	<a href="#">Creeper, brown</a>	Certhia americana	<a href="#">Yes</a>	BBA,CBC,BOVA
040364	SS		<a href="#">Dickcissel</a>	Spiza americana	<a href="#">Yes</a>	BBA,BOVA
040032	SS		<a href="#">Egret, great</a>	Ardea alba egretta		BOVA
040366	SS		<a href="#">Finch, purple</a>	Carpodacus purpureus	<a href="#">Yes</a>	CBC,BOVA
040241	SS		<a href="#">Flycatcher, alder</a>	Empidonax alnorum		BOVA
040285	SS		<a href="#">Kinglet, golden-crowned</a>	Regulus satrapa	<a href="#">Yes</a>	Collections,CBC,BOVA
040112	SS		<a href="#">Moorhen, common</a>	Gallinula chloropus cachinnans		BOVA
040262	SS		<a href="#">Nuthatch, red-breasted</a>	Sitta canadensis	<a href="#">Yes</a>	CBC,BOVA

040210	SS		<a href="#">Owl, long-eared</a>	Asio otus	<a href="#">Yes</a>	CBC
040189	SS		<a href="#">Tern, Caspian</a>	Sterna caspia		BOVA
040278	SS		<a href="#">Thrush, hermit</a>	Catharus guttatus	<a href="#">Yes</a>	CBC,BOVA
040314	SS		<a href="#">Warbler, magnolia</a>	Dendroica magnolia	<a href="#">Yes</a>	Collections,BOVA
050110	SS		<a href="#">Mole, star-nosed</a>	Condylura cristata parva		BOVA
050045	SS		<a href="#">Otter, northern river</a>	Lontra canadensis lataxina		BOVA
040225		I	<a href="#">Sapsucker, yellow-bellied</a>	Sphyrapicus varius	<a href="#">Yes</a>	CBC,BOVA
040319		I	<a href="#">Warbler, black-throated green</a>	Dendroica virens	<a href="#">Yes</a>	BBA,BBS,BOVA

To view **All 571 species** [View 571](#)

\* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

\*\* I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

### Anadromous Fish Use Streams

N/A

### Colonial Water Bird Survey

N/A

### Threatened and Endangered Waters ( 2 Reaches )

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
<a href="#">Smith Creek (02070006)</a>	SE	060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>

<a href="#">Unnamed trib. of Smith Creek (02070006)</a>	SE	060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>
---	----	--------	----	----	--------------------------------	----------------------	---------------------

**Cold Water Stream Survey (Trout Streams)**  
**Managed Trout Species**

( 30 records - displaying first 20 )  
 (Click on Stream Name to view complete reach history)

[View Map of All Cold Water Stream Surveys](#)

Reach ID	Stream Name	Class	Brook Trout	Brown Trout	Rainbow Trout	View Map
07BIG-01	<a href="#">Big Creek</a>	Wild trout	Y			<a href="#">Yes</a>
07BLS-01	<a href="#">Bear Lithia Spring</a>	Stockable				<a href="#">Yes</a>
07BON-01	<a href="#">Boone Run</a>	Wild trout	Y			<a href="#">Yes</a>
07BON-01T	<a href="#">Boone Run</a>	Wild trout				<a href="#">Yes</a>
07BUG-01	<a href="#">Big Ugly Run</a>	Wild trout	Y			<a href="#">Yes</a>
07BWR-01	<a href="#">Browns Run</a>	Wild trout	Y			<a href="#">Yes</a>
07CUB-01	<a href="#">Cub Run</a>	Wild trout	Y			<a href="#">Yes</a>
07DRU-01	<a href="#">Dry Run</a>	Wild trout	Y			<a href="#">Yes</a>
07FUL-01	<a href="#">Fultz Run</a>	Wild trout	Y			<a href="#">Yes</a>
07HKL-01	<a href="#">Hawksbill Creek</a>	Stockable				<a href="#">Yes</a>
07LEE-01	<a href="#">Lee Run</a>	Wild trout	Y			<a href="#">Yes</a>
07MGN-01	<a href="#">Morgan Run</a>	Wild trout	Y			<a href="#">Yes</a>
07NKE-01	<a href="#">Naked Creek, EB</a>	Wild trout	Y			<a href="#">Yes</a>
07NKS-01	<a href="#">Naked Creek, SB</a>	Wild trout	Y			<a href="#">Yes</a>
07NKS-01T	<a href="#">Naked Creek, SB</a>	Wild trout				<a href="#">Yes</a>
07NKW-01	<a href="#">Naked Creek, WB</a>	Wild trout	Y			<a href="#">Yes</a>
07PSR-01	<a href="#">Pitt Spring Run</a>	Wild trout	Y			<a href="#">Yes</a>

07RNG-01	<a href="#">Roaring Creek</a>	Wild trout	Y			<a href="#">Yes</a>
07SMI-01	<a href="#">Smith Creek</a>	Stockable				<a href="#">Yes</a>
07SYR-01	<a href="#">Stony Run</a>	Stockable				<a href="#">Yes</a>

To view **All 30 Cold Water Stream Survey records** [View 30](#)

**Public Holdings:** ( 3 names )

Name	Agency	Level
Rapidan Wildlife Management Area		
Shenandoah National Park	National Park Service	Federal
George Washington National Forest	U.S. Forest Service	Federal

audit no. 271256 12/11/2009 2:31:28 PM Virginia Fish and Wildlife Information Service  
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# Scientific Collections where Rock-cress, shale barren (200010) observed

38,28,56.9 -78,37,03.0  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search  
Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at  
map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search,  
Collections, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1  
mile at the  
Search Point
-  **10 mile radius**  
Search Area
-  **Data Collection Site**

[back](#)

Map  
Click

**Pan**

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Map  
Scale

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**Zoom**

**Out**

[Refresh Browser Page](#)

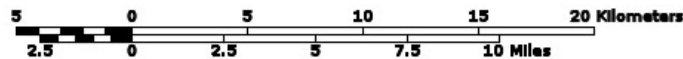
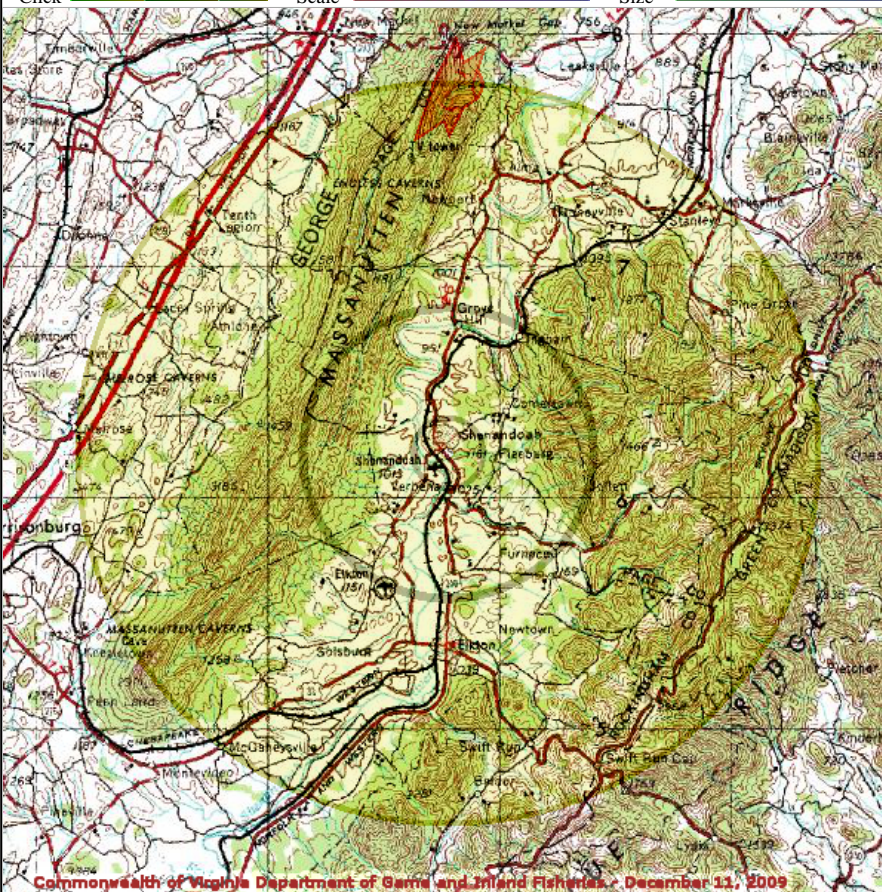
Screen  
Size

**Small**

**Size**

**Big**

[Help](#)



Point of Search 38,28,56.9 -78,37,03.0

Map Location 38,28,56.9 -78,37,03.0

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 688635 and top 4281253. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Threatened and Endangered Waters where Floater, brook (060006) observed

38,28,56.9 -78,37,03.0  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, TEWaters, Position

## Map Overlay Legend

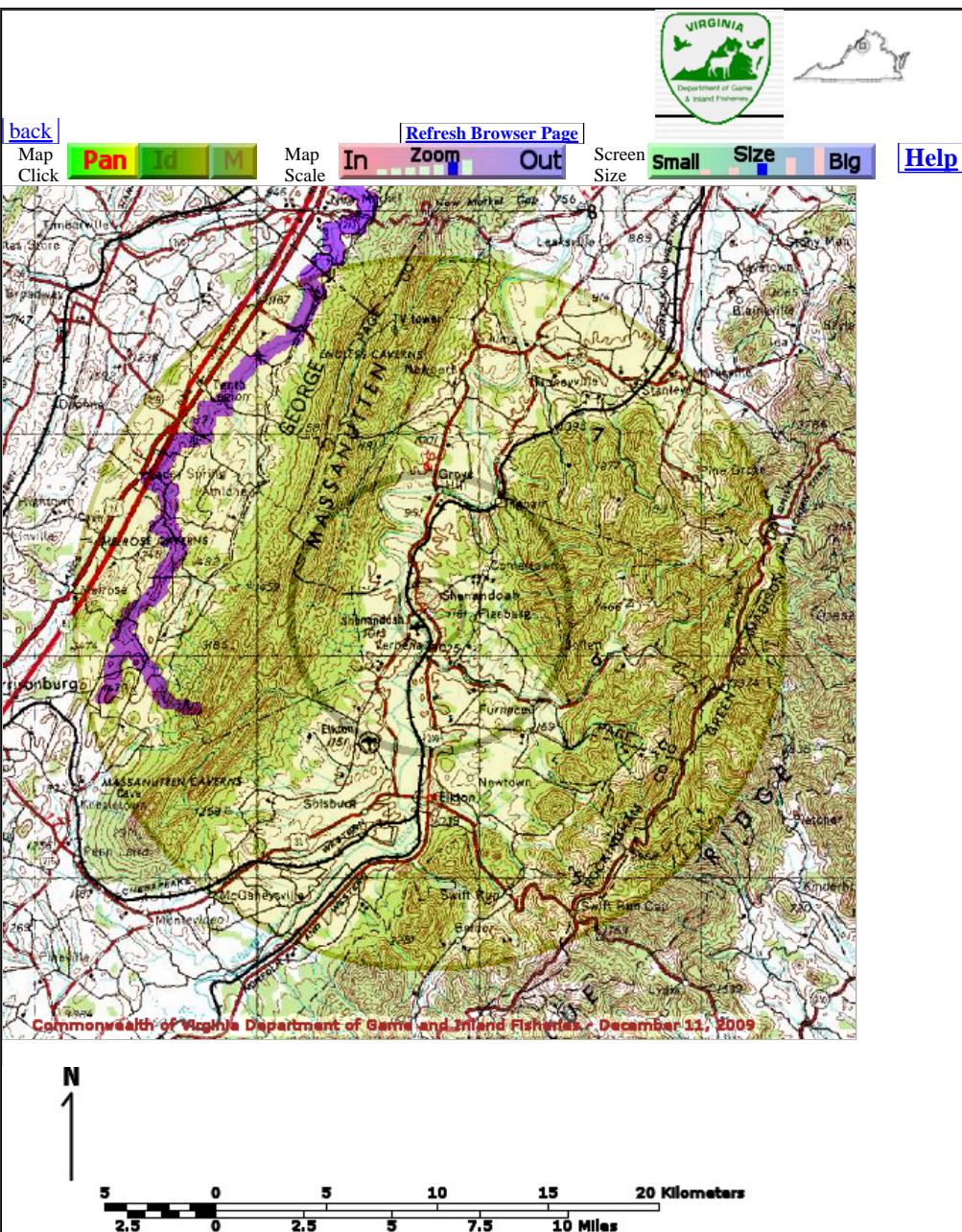
### T & E Waters

Federal

State

 Position Rings  
4 miles and 1 mile at the Search Point

 10 mile radius Search Area



Point of Search 38,28,56.9 -78,37,03.0

Map Location 38,28,56.9 -78,37,03.0

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 688635 and top 4281253. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# USFWS Breeding Bird Survey Routes where Falcon, peregrine (040096) observed

38,28,56.9 -78,37,03.0  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, BBS, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1 mile at the Search Point
-  **10 mile radius Search Area**
-  **Data Collection Site**

[back](#)

Map Click

**Pan**

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Map Scale

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**Zoom**

**Out**

[Refresh Browser Page](#)

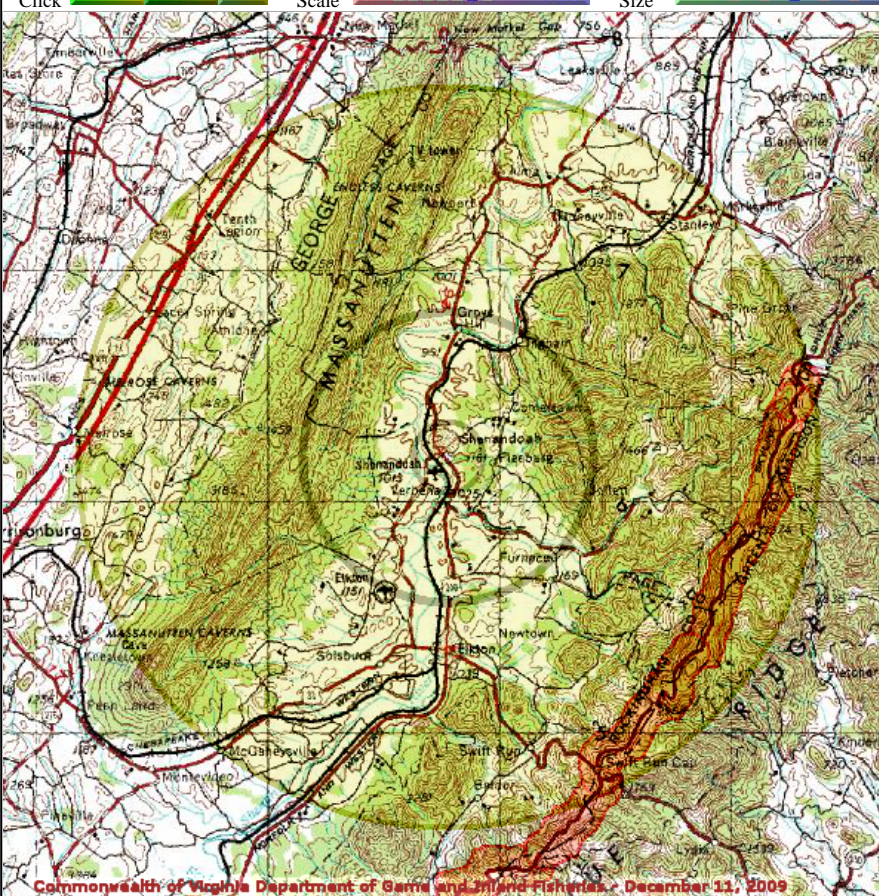
Screen Size

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**Size**

**Big**

[Help](#)



N  
↑

5 0 5 10 15 20 Kilometers  
2.5 0 2.5 5 7.5 10 Miles

Point of Search 38,28,56.9 -78,37,03.0

Map Location 38,28,56.9 -78,37,03.0

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 688635 and top 4281253. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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where Shrike,  
loggerhead (040293)  
observed

38,28,56.9 -78,37,03.0  
is the Search Point

#### Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

#### Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at  
map center

#### Base Map [Choices](#)

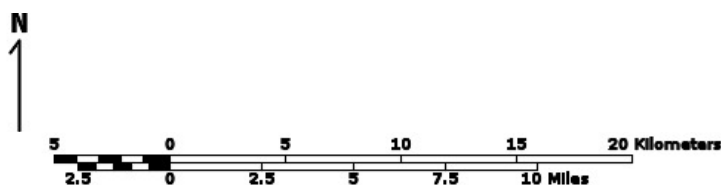
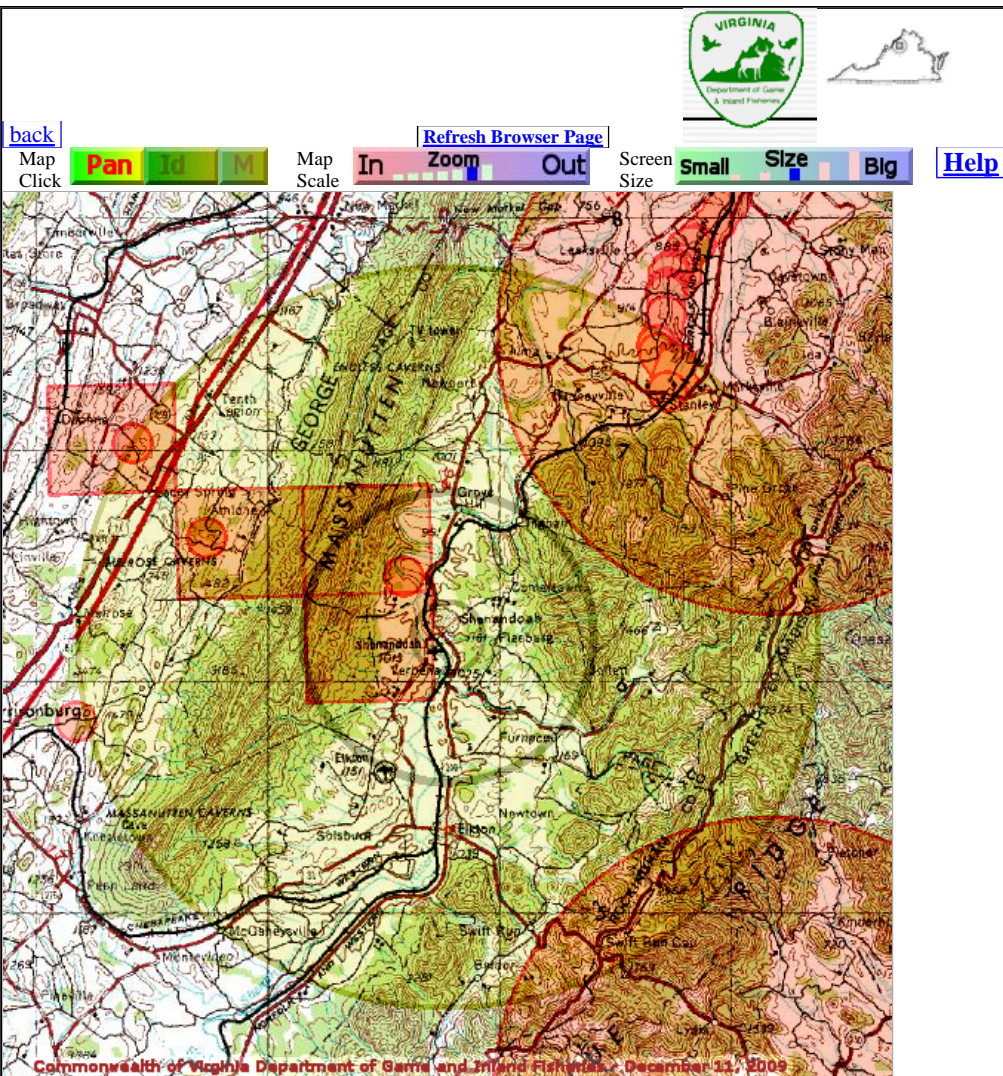
Topography

#### Map Overlay [Choices](#)

Current List: Search, BBA,  
BBS, CBC, Collections, Position

#### Map Overlay Legend

-  Position Rings  
4 miles and 1 mile at the  
Search Point
-  10 mile radius  
Search Area
-  Data Collection Site



Point of Search 38,28,56.9 -78,37,03.0

Map Location 38,28,56.9 -78,37,03.0

Select **Coordinate System**: ☒ Degrees, Minutes, Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 688635 and top 4281253. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Virginia Breeding Bird Atlas Blocks where Eagle, bald (040093) observed

38,28,56.9 -78,37,03.0  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, BBA, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1 mile at the Search Point
-  **10 mile radius Search Area**
-  **Data Collection Site**

[back](#)

Map Click

**Pan**

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Map Scale

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[Refresh Browser Page](#)

**Zoom**

**Out**

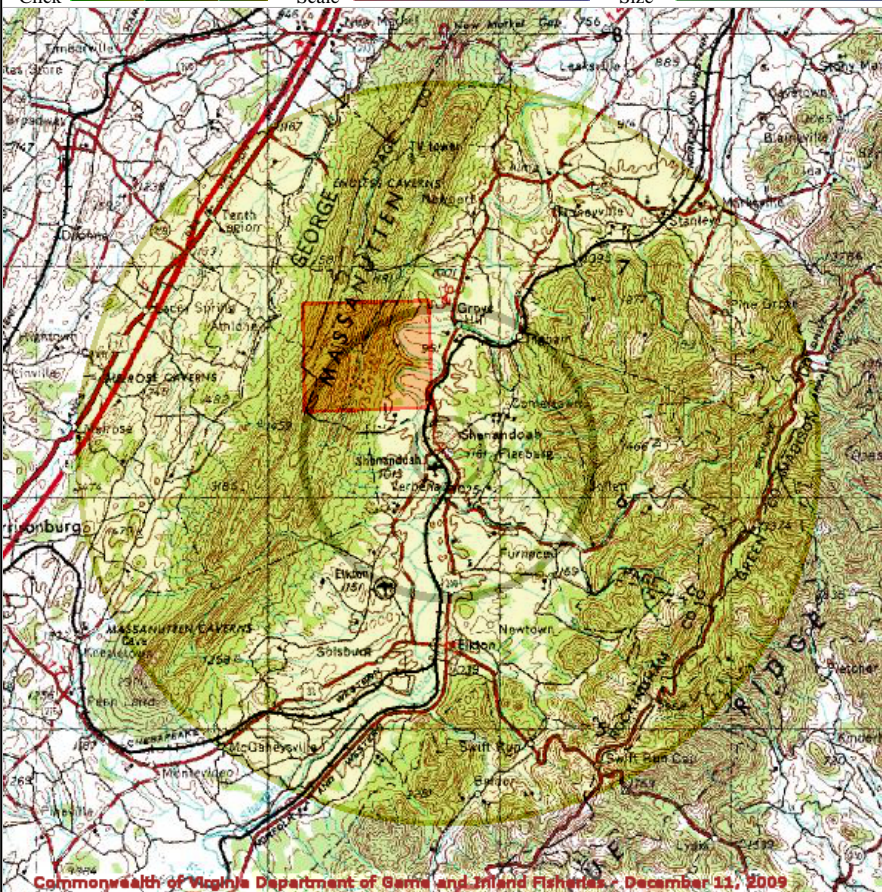
Screen Size

**Small**

**Size**

**Big**

[Help](#)



Point of Search 38,28,56.9 -78,37,03.0

Map Location 38,28,56.9 -78,37,03.0

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 688635 and top 4281253. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

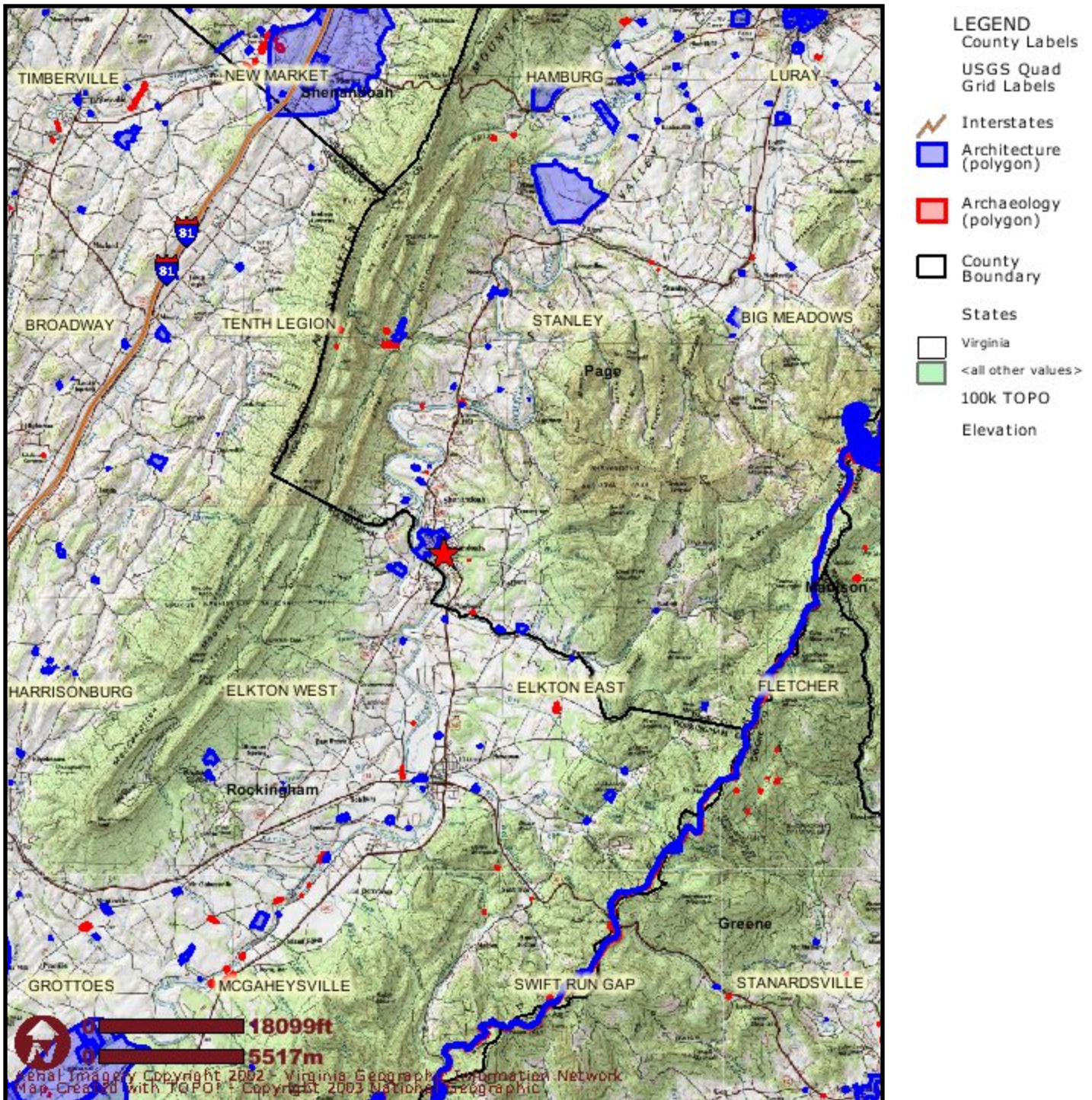
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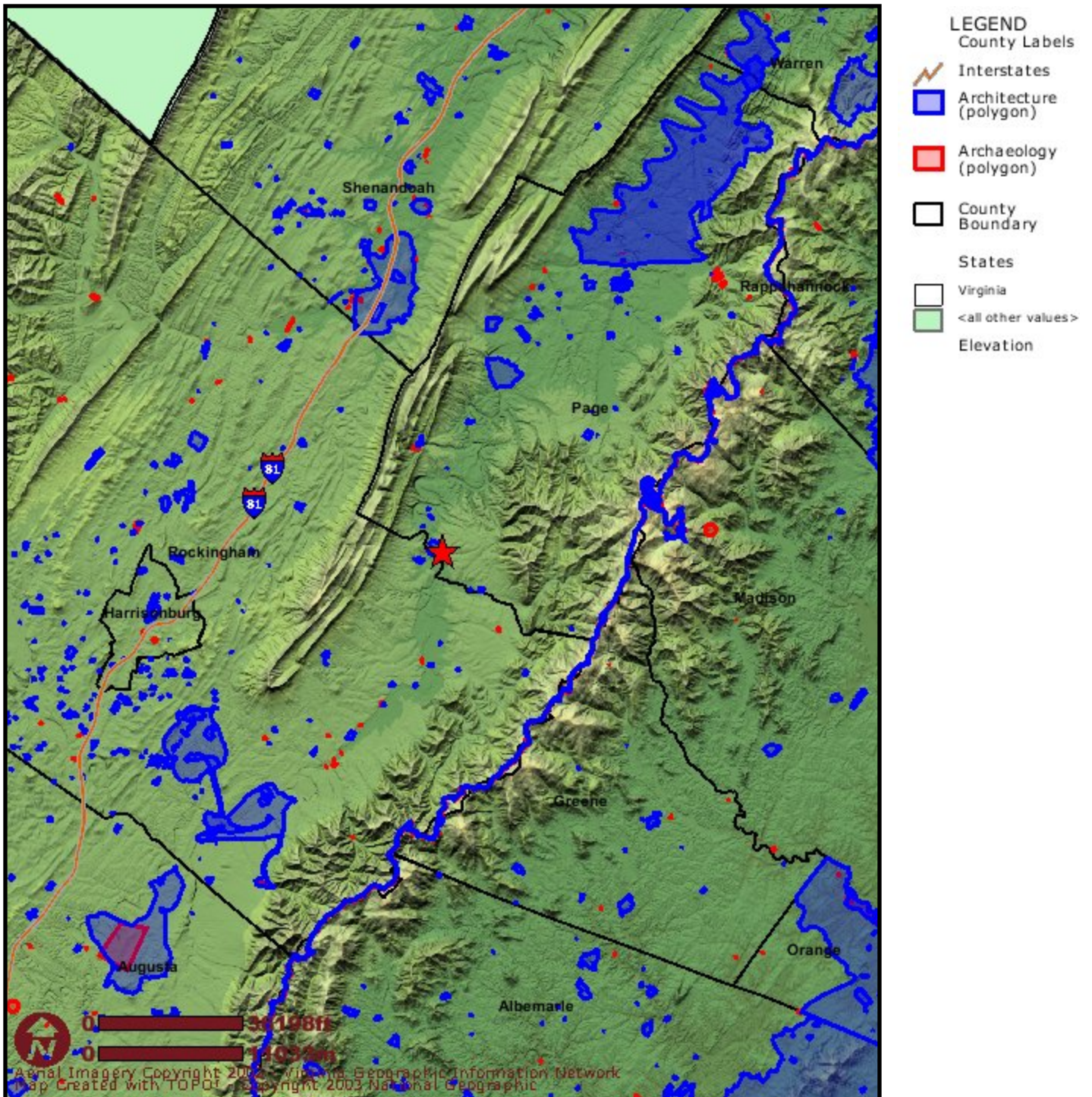
# Virginia Department of Historic Resources Data Sharing System, 12/11/2009



Virginia Department of Historic Resources - December 12,  
2009 1:30 pm



# Virginia Department of Historic Resources Data Sharing System, 12/11/2009



Virginia Department of Historic Resources - December 12,  
2009 1:30 pm

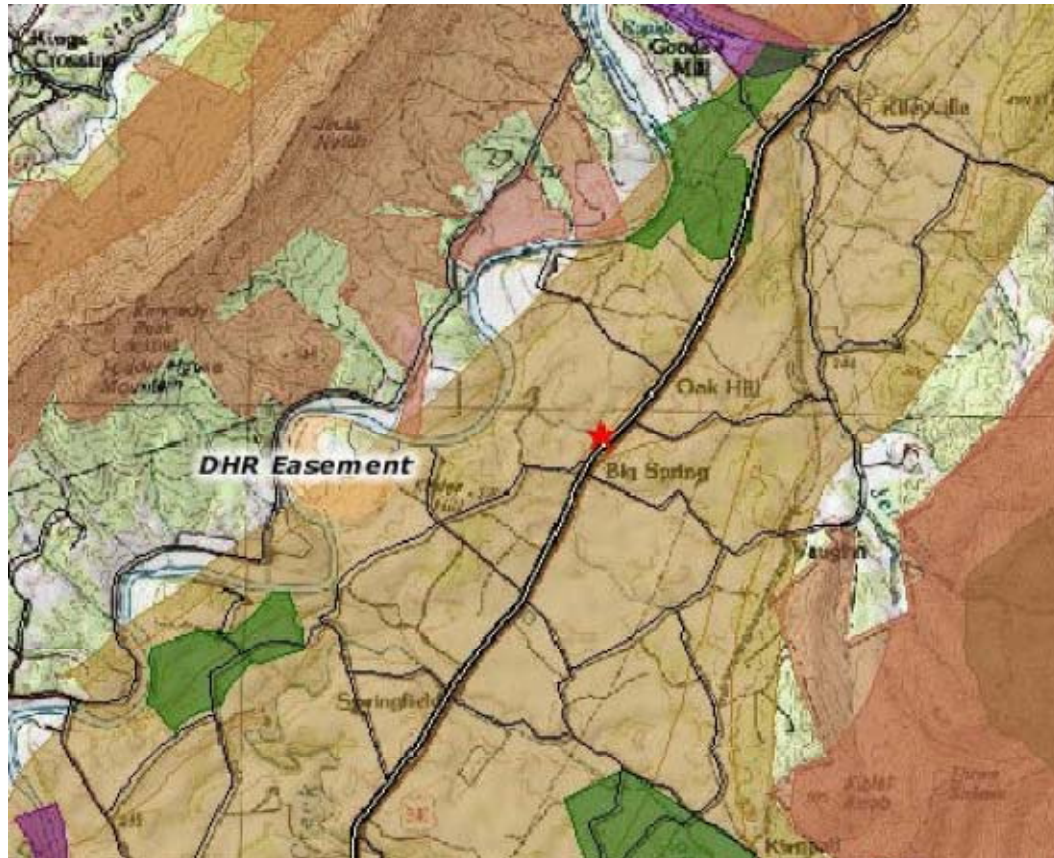
Page County Buffer 1

1:200,000 scale



# SITE DATABASE RECORDS REPORT

---



**Page Buffer 0**

**Page County, Virginia**

**78° 25' 17.7 W, 38° 43' 45.65 N**





Layers

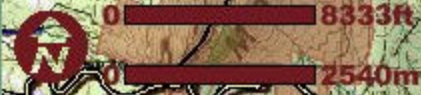
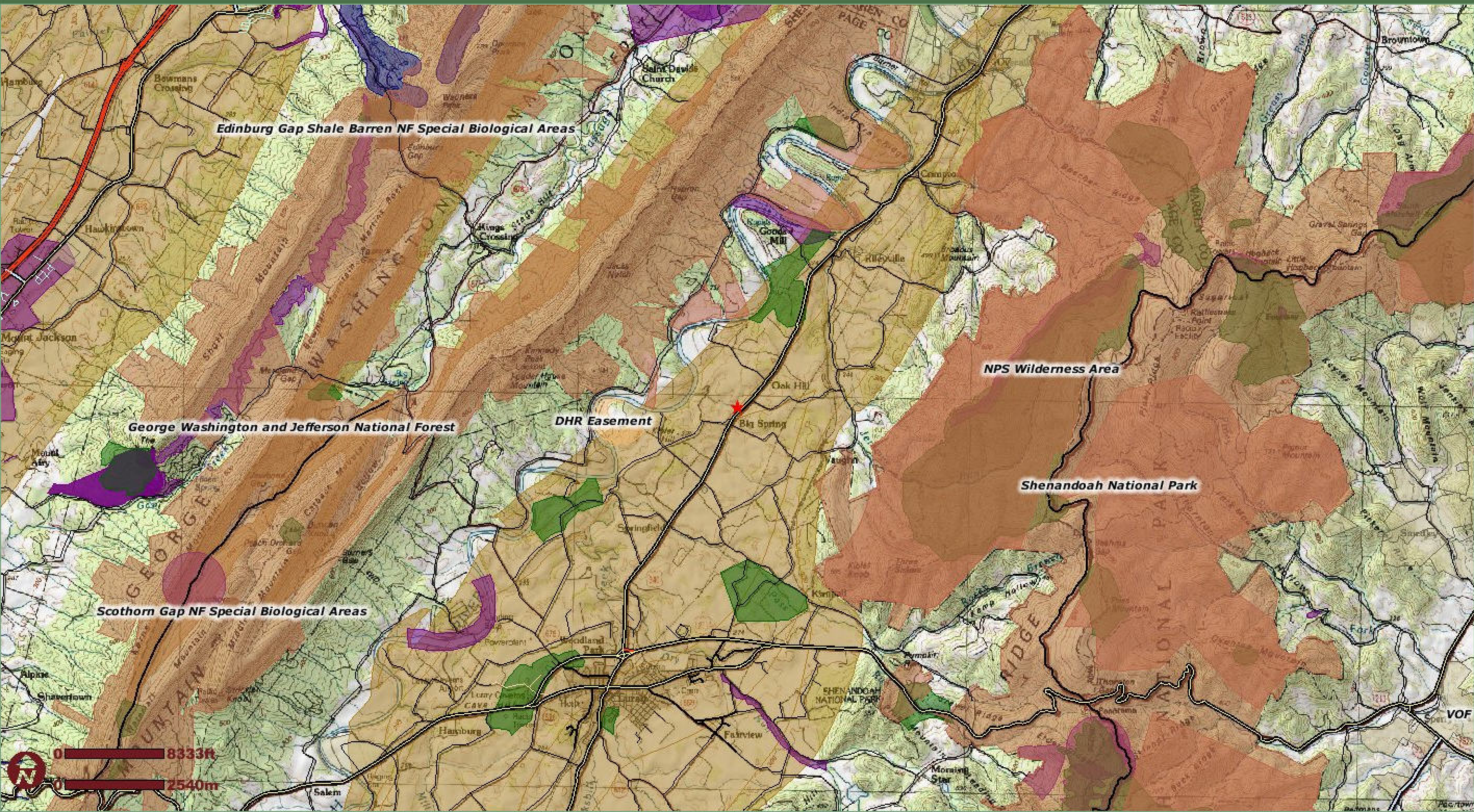
Legend

- Monitor Points
- Dye Trace Vectors
- VDOT Roads
- 1
- 2
- 3
- 0
- 4
- 5
- 6
- 8
- 21
- <all other values>

Managed Conservation Lands

 Federal Local Private State VOF

NH Screening Layer

 Conservation Site GLNHR Karst Screen SCU Diabase Screening Layer





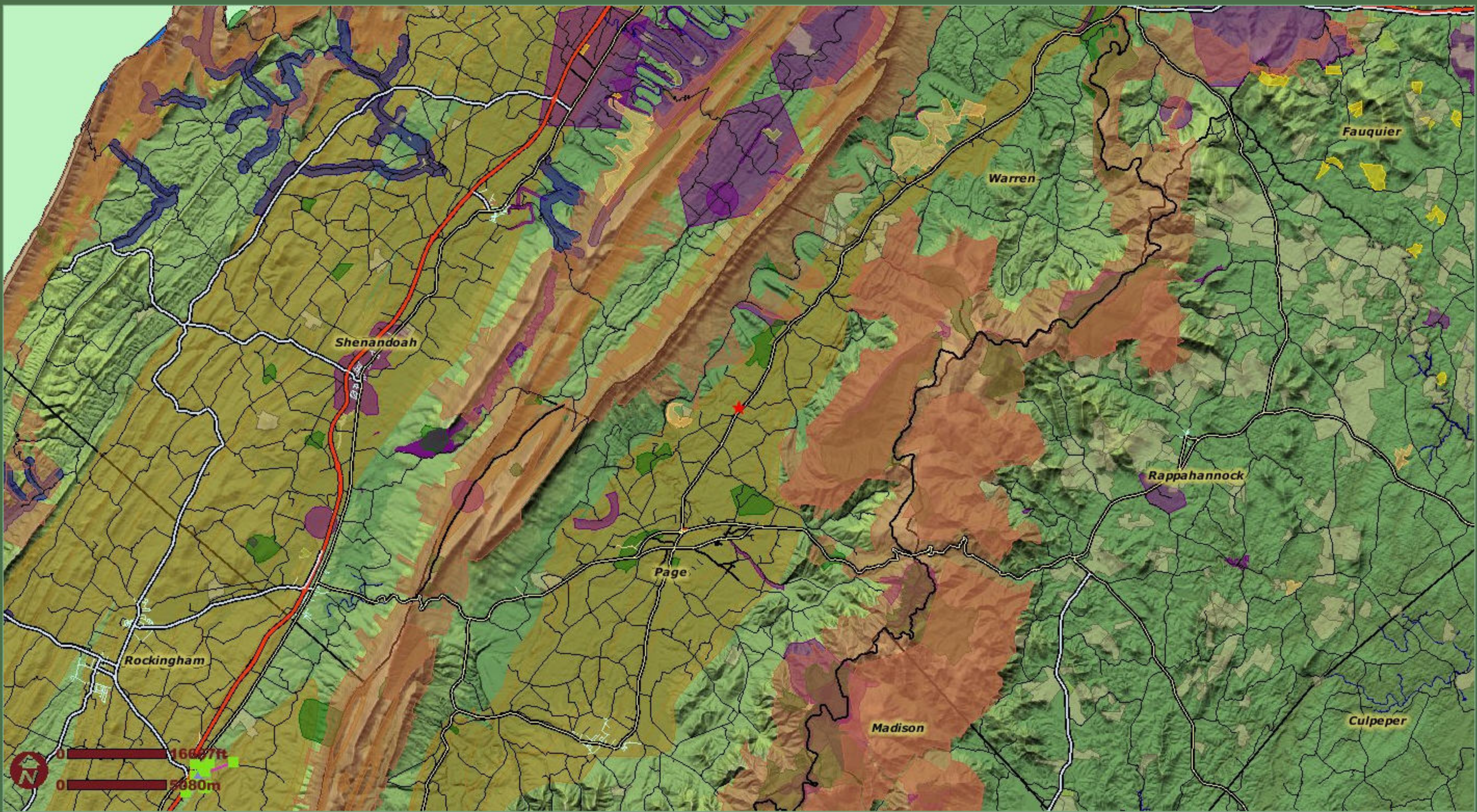
Layers

Legend

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 Dye Trace Vectors
- VDOT Roads
- 1
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- 0
- 4
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- <all other values>
- Managed Conservation Lands
- Federal
- Local
- Private
- State
- VOF
- NH Screening Layer
- Conservation Site
- GLNHR
- Karst Screen
- SCU







# Virginia Department of Game and Inland Fisheries

12/11/2009 2:22:03 PM

## Fish and Wildlife Information Service

### VaFWIS Initial Project Assessment Report

Compiled on

[Help](#)

12/11/2009, 2:22:03 PM

Known or likely to occur within a **10 mile radius of 38,43,45.9 78,25,17.9**  
**in 113 Madison County, 139 Page County, 157 Rappahannock County, 171 Shenandoah**  
**County, 187 Warren County, VA**

575 Known or Likely Species ordered by Status Concern for Conservation  
 (displaying first 39) (39 species with Status\* or Tier I\*\*)

<a href="#">BOVA Code</a>	<a href="#">Status*</a>	<a href="#">Tier**</a>	<a href="#">Common Name</a>	<a href="#">Scientific Name</a>	<a href="#">Confirmed</a>	<a href="#">Database(s)</a>
020045	FESE	I	<a href="#">Salamander, Shenandoah</a>	Plethodon shenandoah	<a href="#">Yes</a>	Collections,BOVA
050023	FESE	I	<a href="#">Bat, Indiana</a>	Myotis sodalis		BOVA
040267	SE	I	<a href="#">Wren, Bewick's</a>	Thryomanes bewickii		BOVA
060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>	Collections,TEWaters,BOVA
030062	ST	I	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>	Collections,TEWaters,BOVA
040096	ST	I	<a href="#">Falcon, peregrine</a>	Falco peregrinus	<a href="#">Yes</a>	Collections,BOVA
040129	ST	I	<a href="#">Sandpiper, upland</a>	Bartramia longicauda		BOVA
040293	ST	I	<a href="#">Shrike, loggerhead</a>	Lanius ludovicianus	<a href="#">Yes</a>	BBA,BBS,CBC,BOVA
100155	FSST	I	<a href="#">Skipper, Appalachian grizzled</a>	Pyrgus wyandot		BOVA
040093	FSST	II	<a href="#">Eagle, bald</a>	Haliaeetus leucocephalus	<a href="#">Yes</a>	Collections,ObsBook,BOVA
060081	ST	II	<a href="#">Floater, green</a>	Lasmigona subviridis	<a href="#">Yes</a>	TEWaters,BOVA
040292	ST		<a href="#">Shrike, migrant loggerhead</a>	Lanius ludovicianus migrans		BOVA
100248	FS	I	<a href="#">Fritillary, regal</a>	Speyeria idalia idalia	<a href="#">Yes</a>	Collections,BOVA
060050	FSSS	II	<a href="#">Pigtoe, Tennessee</a>	Fusconaia barnesiana		BOVA



040372	SS	I	<a href="#">Crossbill, red</a>	Loxia curvirostra	<a href="#">Yes</a>	CBC
040306	SS	I	<a href="#">Warbler, golden-winged</a>	Vermivora chrysoptera		BOVA
020027	SS	II	<a href="#">Salamander, Cow Knob</a>	Plethodon punctatus		BOVA
040213	SS	II	<a href="#">Owl, northern saw-whet</a>	Aegolius acadicus	<a href="#">Yes</a>	CBC
040266	SS	II	<a href="#">Wren, winter</a>	Troglodytes troglodytes	<a href="#">Yes</a>	Collections,BBA,CBC,BOVA
030063	CC	III	<a href="#">Turtle, spotted</a>	Clemmys guttata	<a href="#">Yes</a>	Collections,BOVA
040094	SS	III	<a href="#">Harrier, northern</a>	Circus cyaneus	<a href="#">Yes</a>	CBC,BOVA
040204	SS	III	<a href="#">Owl, barn</a>	Tyto alba pratincola	<a href="#">Yes</a>	Collections,BBA,CBC,BOVA
060071	SS	III	<a href="#">Lampmussel, yellow</a>	Lampsilis cariosa	<a href="#">Yes</a>	Collections
030012	CC	IV	<a href="#">Rattlesnake, timber</a>	Crotalus horridus	<a href="#">Yes</a>	Collections,BOVA
040264	SS	IV	<a href="#">Creeper, brown</a>	Certhia americana	<a href="#">Yes</a>	Collections,BBA,CBC,BOVA
040364	SS		<a href="#">Dickcissel</a>	Spiza americana		BOVA
040032	SS		<a href="#">Egret, great</a>	Ardea alba egretta		BOVA
040366	SS		<a href="#">Finch, purple</a>	Carpodacus purpureus	<a href="#">Yes</a>	CBC,BOVA
040241	SS		<a href="#">Flycatcher, alder</a>	Empidonax alnorum		BOVA
040285	SS		<a href="#">Kinglet, golden-crowned</a>	Regulus satrapa	<a href="#">Yes</a>	CBC,BOVA
040112	SS		<a href="#">Moorhen, common</a>	Gallinula chloropus cachinnans		BOVA
040262	SS		<a href="#">Nuthatch, red-breasted</a>	Sitta canadensis	<a href="#">Yes</a>	Collections,BBA,CBC,BOVA
040210	SS		<a href="#">Owl, long-eared</a>	Asio otus	<a href="#">Yes</a>	CBC
040189	SS		<a href="#">Tern, Caspian</a>	Sterna caspia		BOVA
040278	SS		<a href="#">Thrush, hermit</a>	Catharus guttatus	<a href="#">Yes</a>	Collections,CBC,BOVA

040314	SS		<a href="#">Warbler, magnolia</a>	Dendroica magnolia		BOVA
050045	SS		<a href="#">Otter, northern river</a>	Lontra canadensis lataxina		BOVA
040225		I	<a href="#">Sapsucker, yellow-bellied</a>	Sphyrapicus varius	<a href="#">Yes</a>	CBC,BOVA
040319		I	<a href="#">Warbler, black-throated green</a>	Dendroica virens	<a href="#">Yes</a>	Collections,BBA,BOVA

To view **All 575 species** [View 575](#)

\* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

\*\* I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

### Anadromous Fish Use Streams

N/A

### Colonial Water Bird Survey

N/A

### Threatened and Endangered Waters ( 3 Reaches )

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
<a href="#">North Fork Shenandoah River (02070006)</a>	SE	060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>
		060081	ST	II	<a href="#">Floater, green</a>	Lasmigona subviridis	
<a href="#">North Fork Shenandoah River (02070006)</a>	SE	060006	SE	II	<a href="#">Floater, brook</a>	Alasmidonta varicosa	<a href="#">Yes</a>
<a href="#">Passage Creek (02070006)</a>	ST	030062	ST	I	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>

# **Cold Water Stream Survey (Trout Streams)** **Managed Trout Species**

( 18 records ) (Click on Stream  
Name to view complete reach  
history)

[View Map of All  
Cold Water Stream Surveys](#)

Reach ID	Stream Name	Class	Brook Trout	Brown Trout	Rainbow Trout	View Map
07DNF-01	<a href="#">Dry Run, NF</a>	Wild trout	Y			<a href="#">Yes</a>
07DSF-01	<a href="#">Dry Run, SF</a>	Wild trout	Y			<a href="#">Yes</a>
07FNT-01	<a href="#">Flint Run</a>	Stockable				<a href="#">Yes</a>
07GNY-01	<a href="#">Gooney Run</a>	Wild trout	Y			<a href="#">Yes</a>
07JER-01	<a href="#">Jeremys Run</a>	Wild trout	Y			<a href="#">Yes</a>
07MTR-01	<a href="#">Mountain Run</a>	Stockable				<a href="#">Yes</a>
07OVL-01	<a href="#">Overall Run</a>	Wild trout	Y			<a href="#">Yes</a>
07PMR-01	<a href="#">Peters Mill Run</a>	Stockable				<a href="#">Yes</a>
07PSG-01	<a href="#">Passage Creek</a>	Stockable				<a href="#">Yes</a>
07PSS-01	<a href="#">Pass Run</a>	Wild trout			Y	<a href="#">Yes</a>
07PSS-01T	<a href="#">Pass Run</a>	Wild trout				<a href="#">Yes</a>
07PSS-02	<a href="#">Pass Run</a>	Wild trout	Y		Y	<a href="#">Yes</a>
07STY-01	<a href="#">Stony Creek</a>	Stockable				<a href="#">Yes</a>
08HAH-01	<a href="#">Hannah Run</a>	Wild trout	Y			<a href="#">Yes</a>
08HAZ-01	<a href="#">Hazel River</a>	Wild trout	Y			<a href="#">Yes</a>
08HUE-01	<a href="#">Hughes River</a>	Wild trout	Y	Y		<a href="#">Yes</a>
08THO-01	<a href="#">Thorton River</a>	Wild trout	Y			<a href="#">Yes</a>
08THR-01	<a href="#">Thorton River, NF</a>	Wild trout	Y			<a href="#">Yes</a>

## **Public Holdings:** ( 3 names )

Name	Agency	Level
------	--------	-------

Shenandoah National Park	National Park Service	Federal
George Washington National Forest	U.S. Forest Service	Federal
Andy Guest/Shenandoah River State Park	VA Dept. of Conservation and Recreation	State

**audit no. 271256 12/11/2009 2:22:03 PM Virginia Fish and Wildlife Information Service**  
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# Scientific Collections where Salamander, Shenandoah (020045) observed

38,43,45.8 -78,25,17.9  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search  
Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at  
map center

## Base Map [Choices](#)

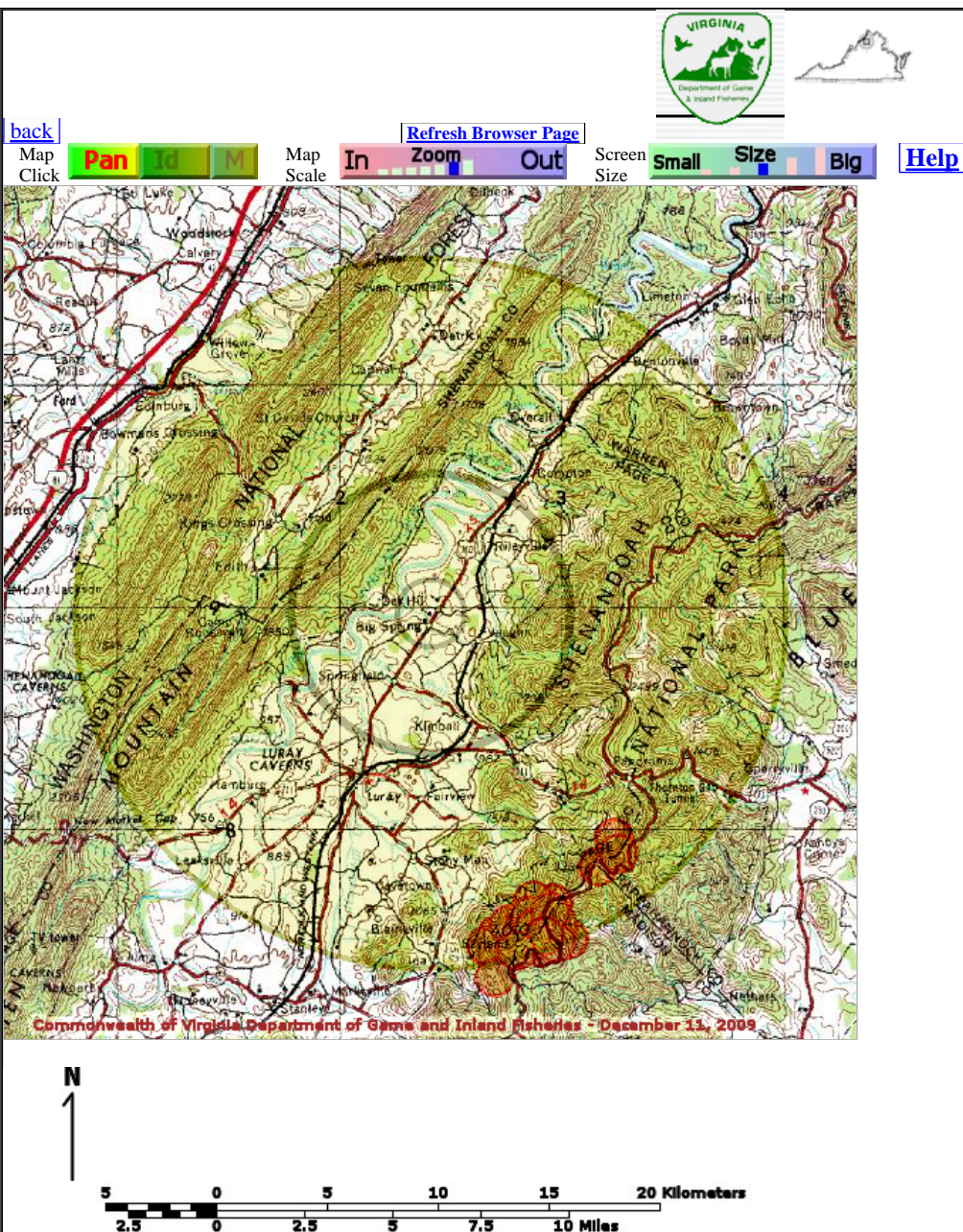
Topography

## Map Overlay [Choices](#)

Current List: Search,  
Collections, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1  
mile at the  
Search Point
-  **10 mile radius**  
**Search Area**
-  **Data Collection Site**



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System:** ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Threatened and Endangered Waters where Floater, brook (060006) observed

38,43,45.8 -78,25,17.9  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, TEWaters, Position

## Map Overlay Legend

### T & E Waters

Federal

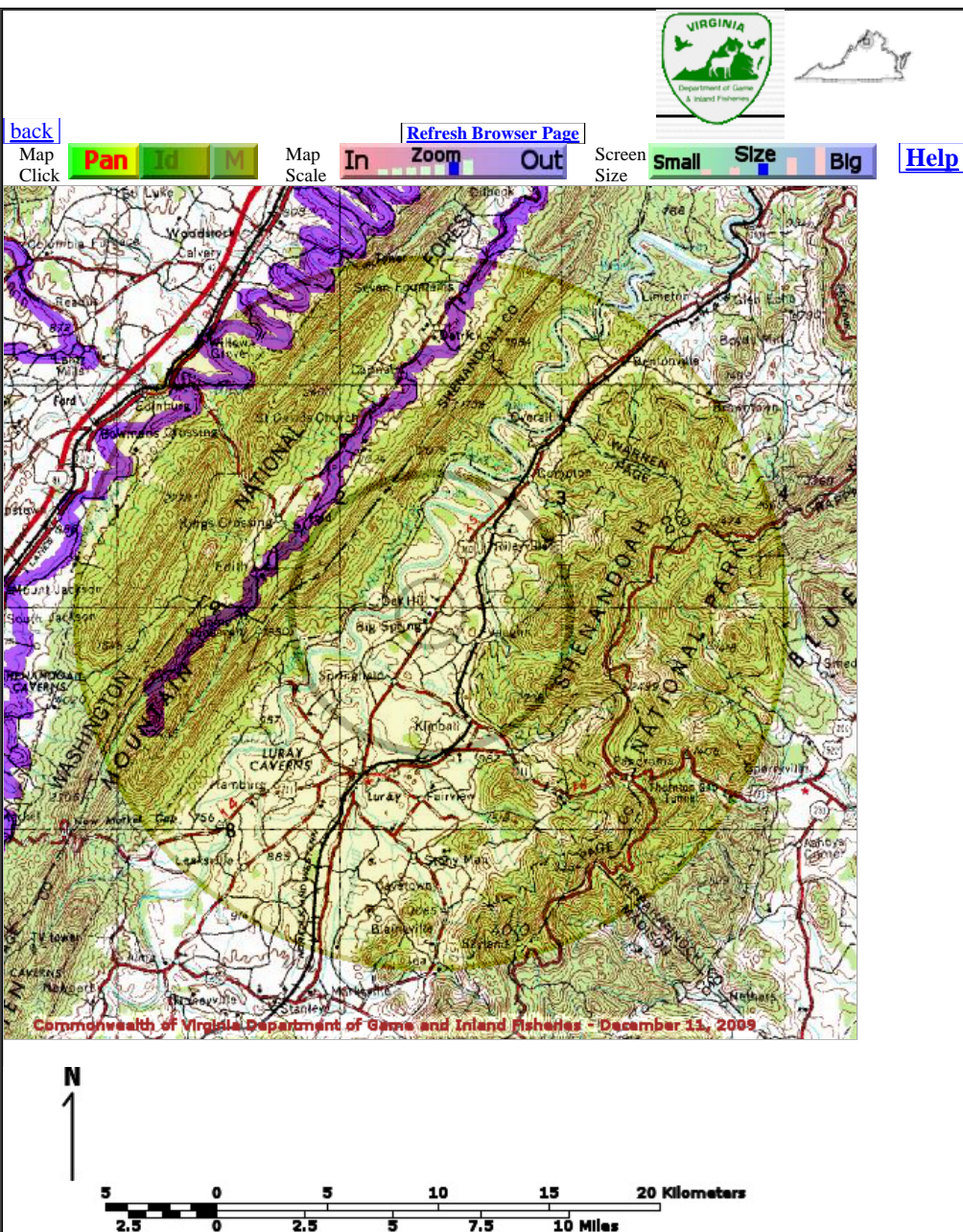
State



Position Rings  
4 miles and 1 mile at the Search Point



10 mile radius Search Area



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Threatened and Endangered Waters where Turtle, wood (030062) observed

38,43,45.8 -78,25,17.9  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at  
map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, TEWaters, Position

## Map Overlay Legend

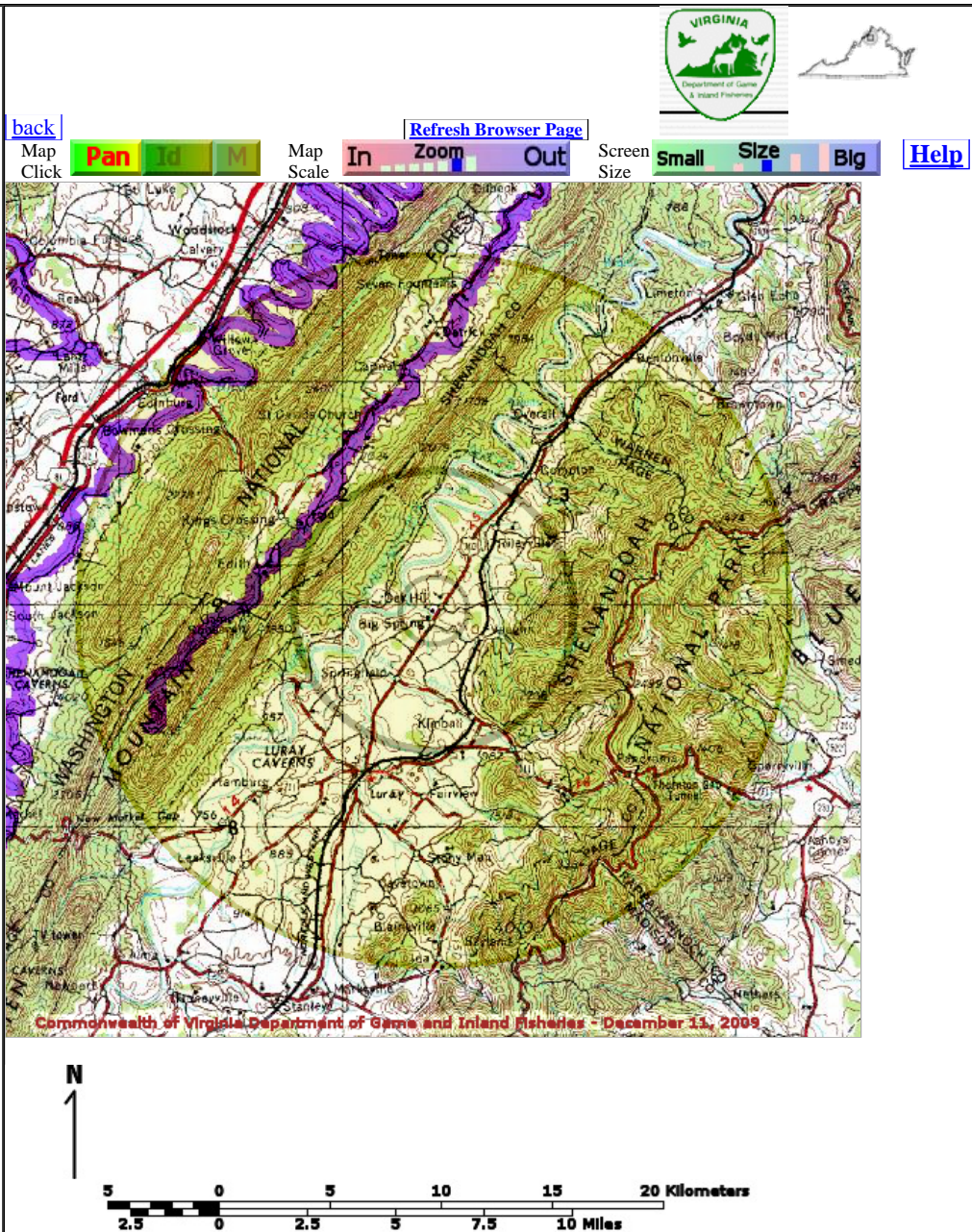
### T & E Waters

Federal

State

 Position Rings  
4 miles and 1 mile at the Search Point

 10 mile radius  
Search Area



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Scientific Collections where Falcon, peregrine (040096) observed

38,43,45.8 -78,25,17.9  
is the Search Point

## Show Position Rings

☒ Yes ☐ No  
4 miles and 1 mile at the Search  
Point

## Show Search Area

☒ Yes ☐ No  
10 miles

Search Point is at  
map center

## Base Map [Choices](#)

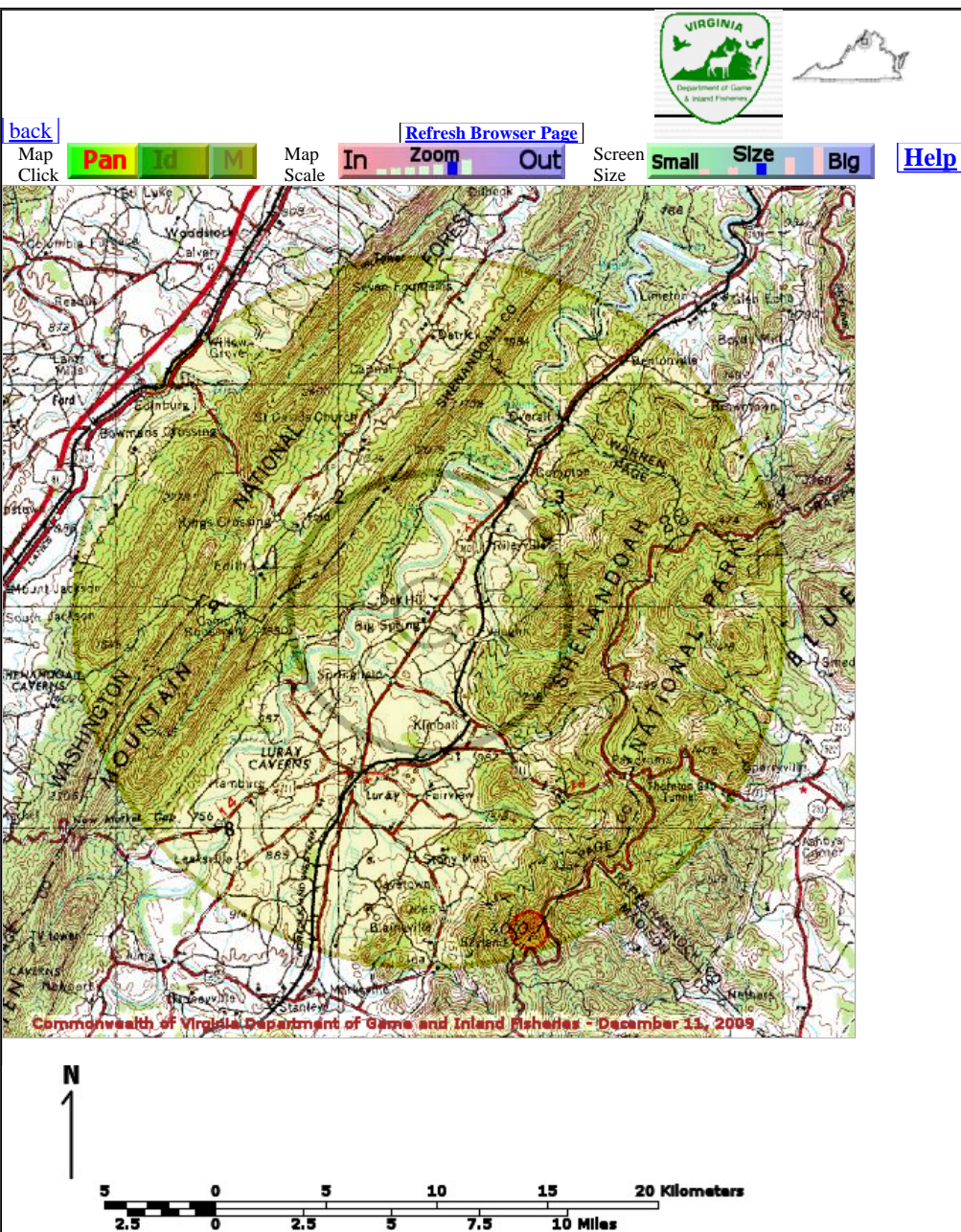
Topography

## Map Overlay [Choices](#)

Current List: Search,  
Collections, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1  
mile at the  
Search Point
-  **10 mile radius**  
**Search Area**
-  **Data Collection Site**



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System:** ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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where Shrike,  
loggerhead (040293)  
observed

38,43,45.8 -78,25,17.9  
is the Search Point

#### Show Position Rings

☒ Yes ☐ No

4 miles and 1 mile at the Search Point

#### Show Search Area

☒ Yes ☐ No

10 miles

Search Point is at  
map center

#### Base Map [Choices](#)

Topography

#### Map Overlay [Choices](#)

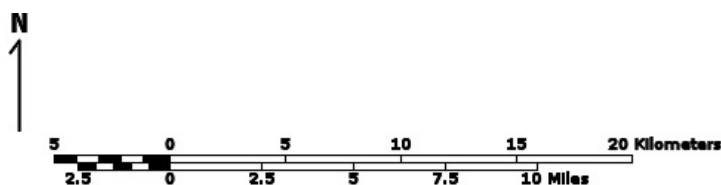
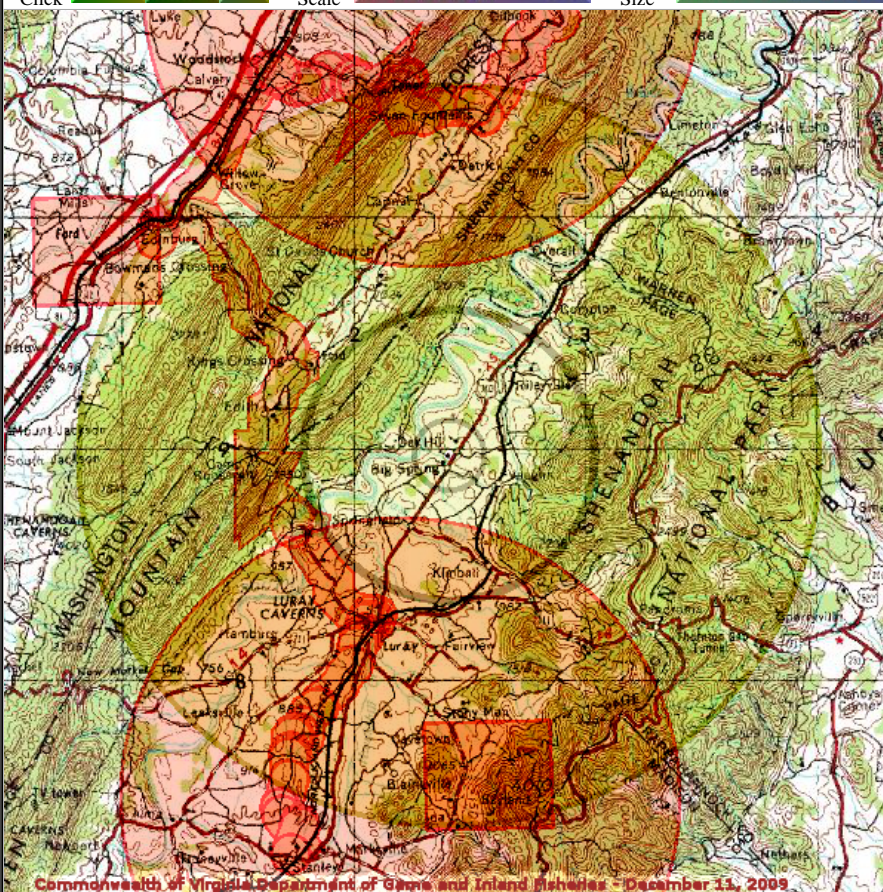
Current List: Search, BBA,  
BBS, CBC, Position

#### Map Overlay Legend

-  **Position Rings  
4 miles and 1  
mile at the  
Search Point**
-  **10 mile radius  
Search Area**
-  **Data Collection Site**

[back](#) [Refresh Browser Page](#)

Map Click **Pan** **Id** **M** Map Scale **In** **Zoom** **Out** Screen Size **Small** **Size** **Big** [Help](#)



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System:** ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

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where Eagle, bald  
(040093) observed

38,43,45.8 -78,25,17.9  
is the Search Point

#### Show Position Rings

☒ Yes ☐ No

4 miles and 1 mile at the Search Point

#### Show Search Area

☒ Yes ☐ No

10 miles

Search Point is at  
map center

#### Base Map [Choices](#)

Topography

#### Map Overlay [Choices](#)

Current List: Search,  
Collections, ObsBook, Position

#### Map Overlay Legend



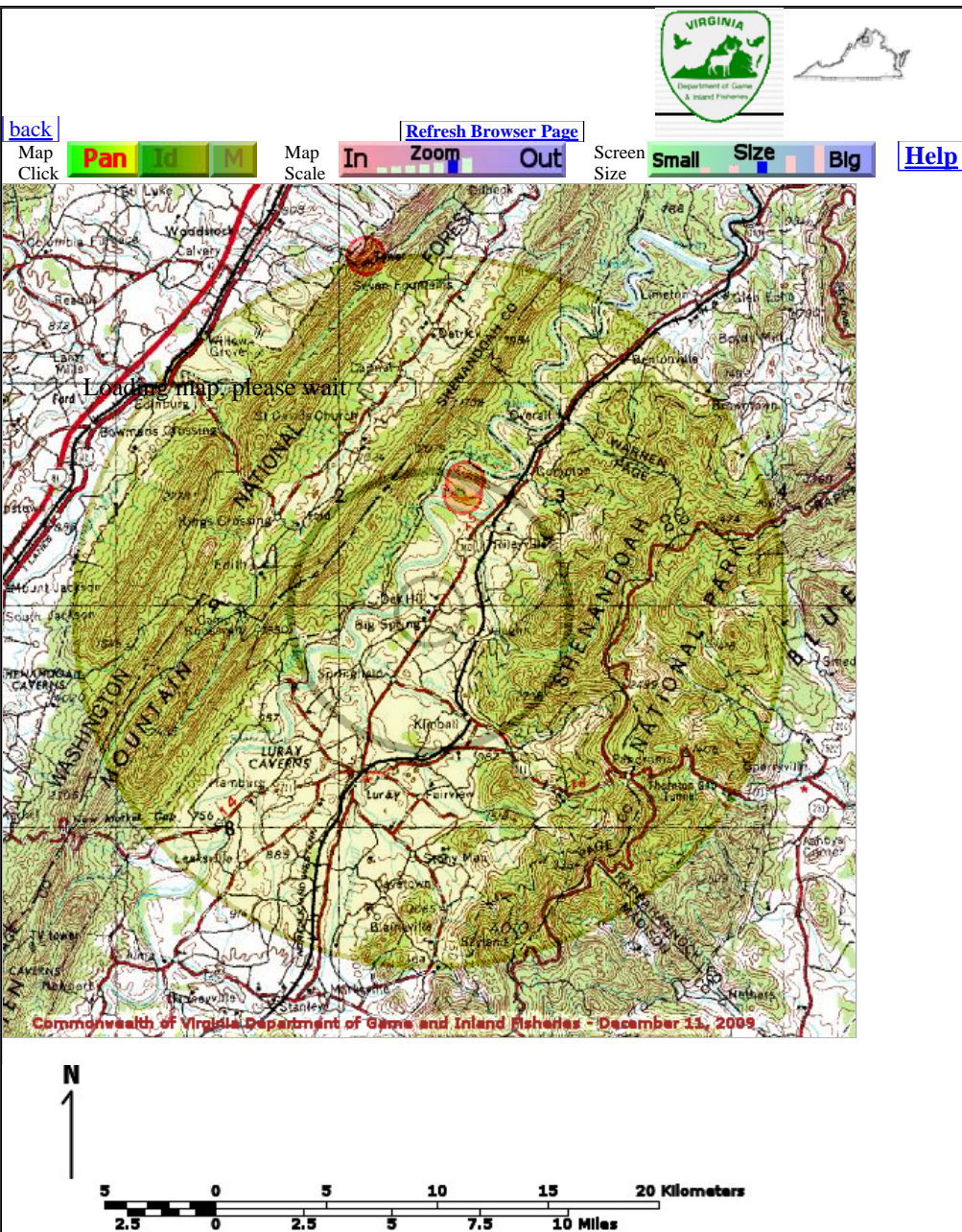
**Position Rings**  
4 miles and 1  
mile at the  
Search Point



**10 mile radius**  
**Search Area**



**Data Collection Site**



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Threatened and Endangered Waters where Floater, green (060081) observed

38,43,45.8 -78,25,17.9  
is the Search Point

## Show Position Rings

☒ Yes ☐ No

4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No

10 miles

Search Point is at map center

## Base Map [Choices](#)

Topography

## Map Overlay [Choices](#)

Current List: Search, TEWaters, Position

## Map Overlay Legend

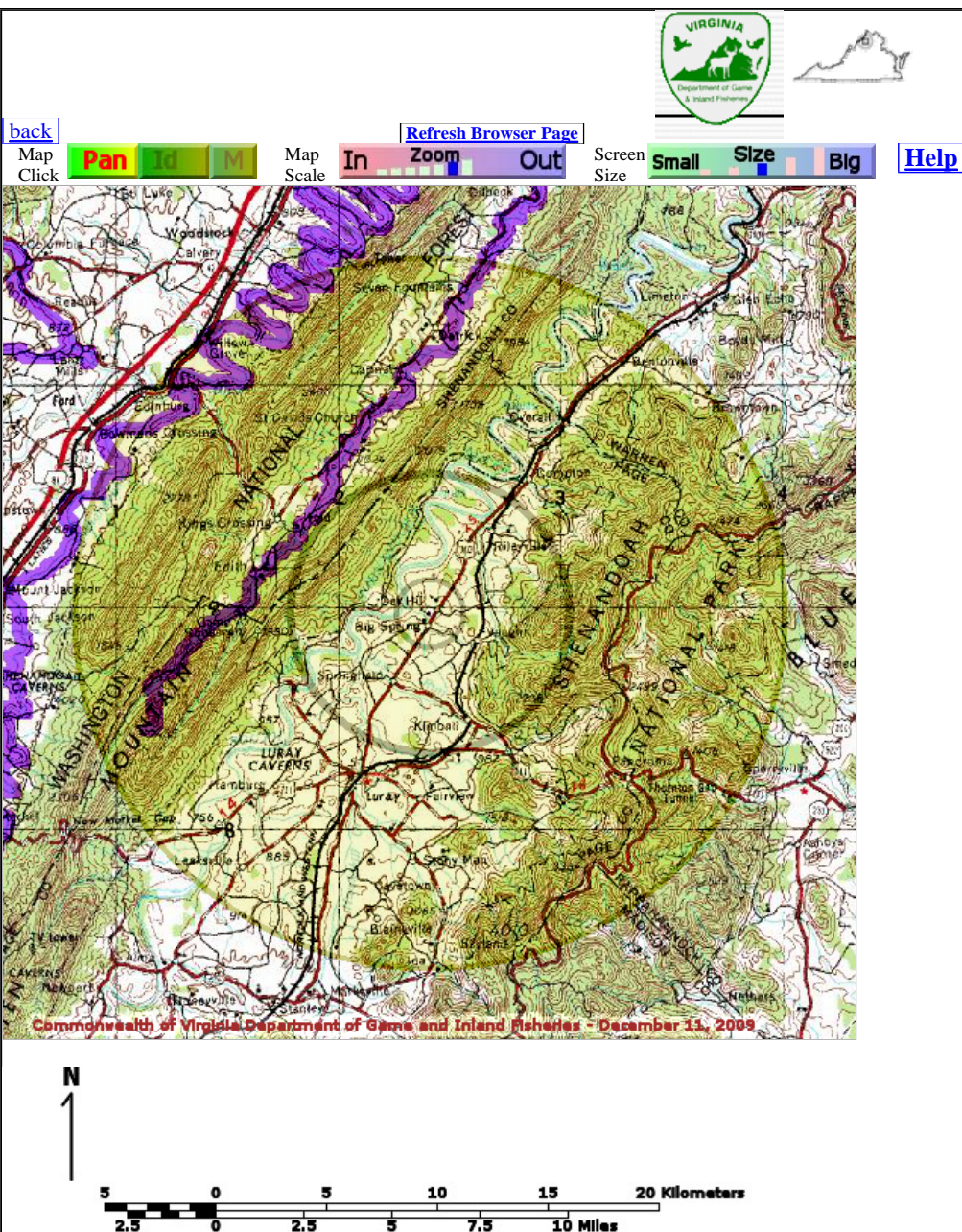
### T & E Waters

Federal

State

 Position Rings  
4 miles and 1 mile at the Search Point

 10 mile radius Search Area



Point of Search 38,43,45.8 -78,25,17.9

Map Location 38,43,45.8 -78,25,17.9

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704952 and top 4309118. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

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# Scientific Collections where Fritillary, regal (100248) observed

38,43,45.9 -78,25,18.0  
is the Search Point

## Show Position Rings

☒ Yes ☐ No

4 miles and 1 mile at the Search Point

## Show Search Area

☒ Yes ☐ No

10 miles

Search Point is at  
map center

## Base Map [Choices](#)

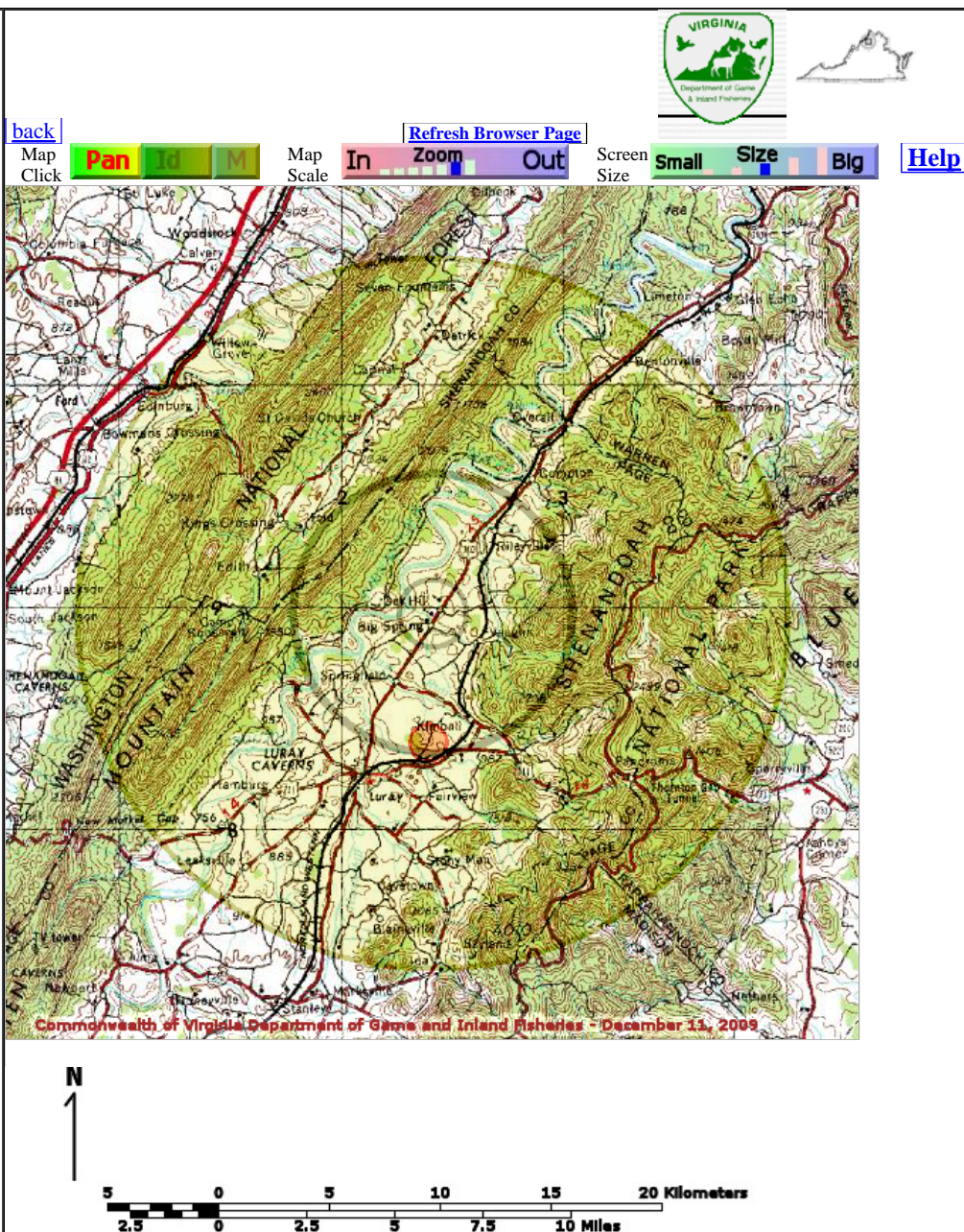
Topography

## Map Overlay [Choices](#)

Current List: Search,  
Collections, Position

## Map Overlay Legend

-  **Position Rings**  
4 miles and 1 mile at the Search Point
-  **10 mile radius Search Area**
-  **Data Collection Site**



Point of Search 38,43,45.9 -78,25,18.0

Map Location 38,43,45.9 -78,25,18.0

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:250,000 topographic maps (see [terraserwer-usa.com](http://terraserwer-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 704949 and top 4309121. Pixel size is 64 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 38400 meters east to west by 38400 meters north to south for a total of 1474.5 square kilometers. The map display represents 126005 feet east to west by 126005 feet north to south for a total of 569.5 square miles.

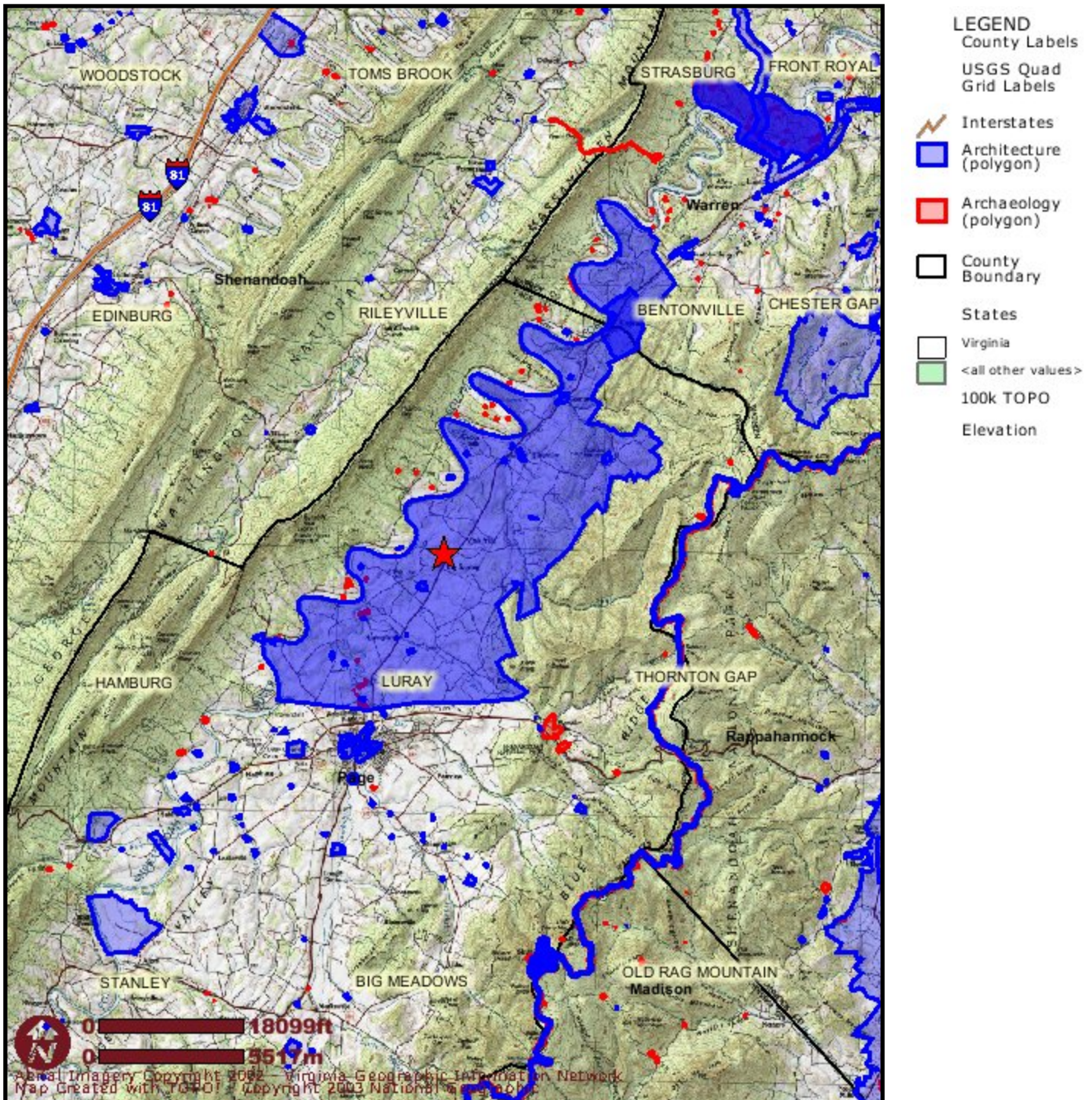
Black and white aerial photography aquired near 1990 and topographic maps are from the United States Department of the Interior, United States Geological Survey.  
Shaded topographic maps are from TOPO! ©2006 National Geographic

<http://www.national Geographic.com/topo>  
Color aerial photography acquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network  
All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.  
map assembled 2009-12-11 14:29:53 (qa/qc July 27, 2009 10:09 - tn=271256.2 dist=16093 I )

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# Virginia Department of Historic Resources Data Sharing System, 12/11/2009

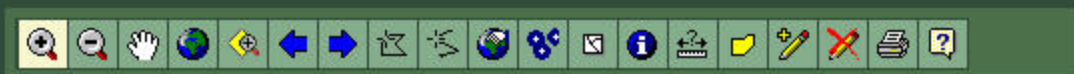


Virginia Department of Historic Resources - December 12,  
2009 1:30 pm

Page Count Buffer 0

1:100,000 scale






Layers

Legend

 Dye Inputs

 Monitor Points

 Dye Trace Vectors

VDOT Roads


 1

 2

 3

 0

 4

 5


 6

 8


 21

 <all other values>


Managed Conservation Lands

 Federal

 Local


 Private


 State

 VOF

NH Screening Layer

 Conservation Site

 GLNHR

 Karst Screen

 SCU

Zoom In

NH Screening Layer

1: 200000

Zoom To

Latitude/Longitude

Lat (Easting): 38 43 45

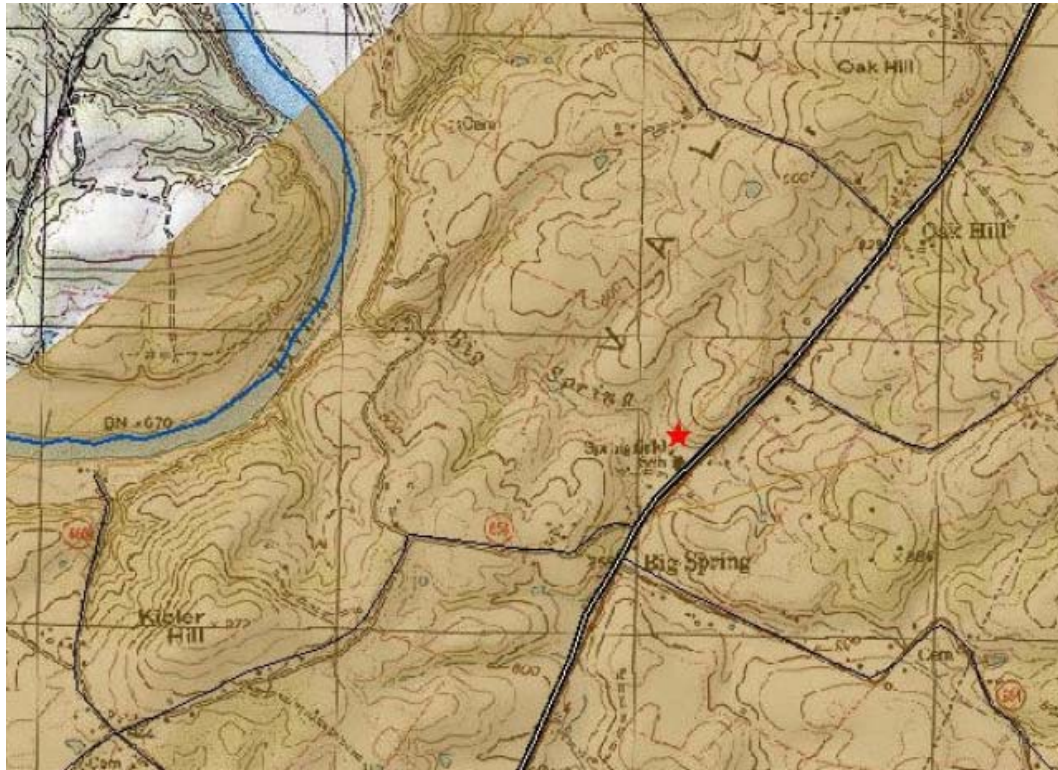
Long (Northing): 78 25 17

GO



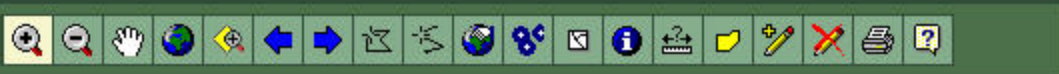
# SITE DATABASE RECORDS REPORT

---



**Page Tower Site 0**  
**Big Springs, Page County, Virginia**  
**78° 25' 17.7 W, 38° 43' 45.14 N**





Layers

Legend

Conservation Lands Labels

VDOT Roads

1

2

3

0

4

5

6

8

21

<all other values>

NHD Streams

NH Screening Layer

Conservation Site

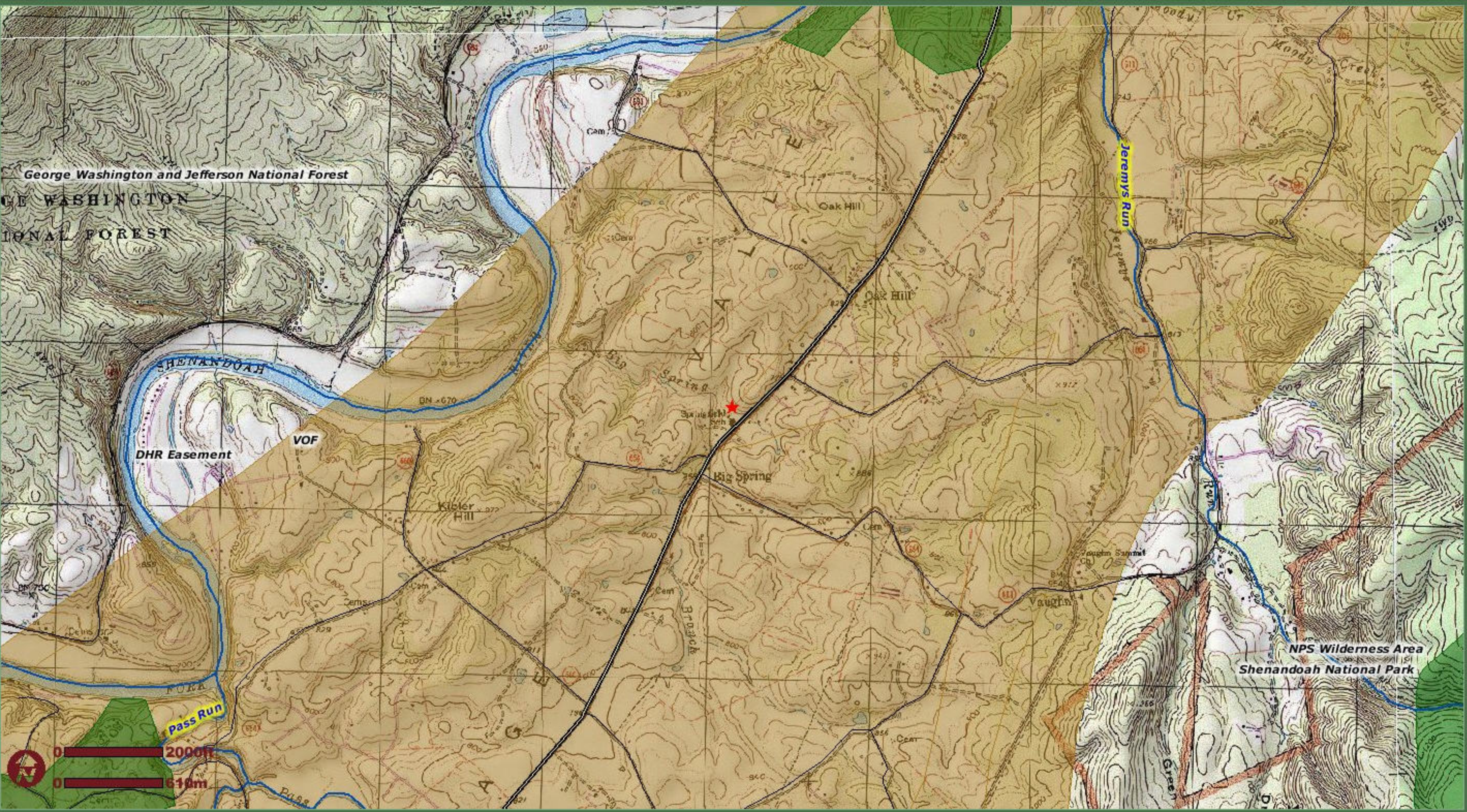
GLNHR

Karst Screen

SCU

Diabase Screening Layer

24k TOPO







# Virginia Department of Game and Inland Fisheries

12/11/2009 2:18:55 PM

## Fish and Wildlife Information Service

### VaFWIS Initial Project Assessment Report

Compiled on

[Help](#)

12/11/2009, 2:18:55 PM

Known or likely to occur within a **2 mile radius of 38,43,44.9 78,25,17.9**  
in **139 Page County, VA**

460 Known or Likely Species ordered by Status Concern for Conservation  
(displaying first 28) (28 species with Status\* or Tier I\*\*)

<a href="#">BOVA Code</a>	<a href="#">Status*</a>	<a href="#">Tier**</a>	<a href="#">Common Name</a>	<a href="#">Scientific Name</a>	<a href="#">Confirmed</a>	<a href="#">Database(s)</a>
020045	FESE	I	<a href="#">Salamander, Shenandoah</a>	Plethodon shenandoah		BOVA
030062	ST	I	<a href="#">Turtle, wood</a>	Glyptemys insculpta		BOVA
040096	ST	I	<a href="#">Falcon, peregrine</a>	Falco peregrinus		BOVA
040129	ST	I	<a href="#">Sandpiper, upland</a>	Bartramia longicauda		BOVA
040293	ST	I	<a href="#">Shrike, loggerhead</a>	Lanius ludovicianus	<a href="#">Yes</a>	CBC,BOVA
040093	FSST	II	<a href="#">Eagle, bald</a>	Haliaeetus leucocephalus		BOVA
040292	ST		<a href="#">Shrike, migrant loggerhead</a>	Lanius ludovicianus migrans		BOVA
100248	FS	I	<a href="#">Fritillary, regal</a>	Speyeria idalia idalia		BOVA
040372	SS	I	<a href="#">Crossbill, red</a>	Loxia curvirostra	<a href="#">Yes</a>	CBC
040306	SS	I	<a href="#">Warbler, golden-winged</a>	Vermivora chrysoptera		BOVA
040213	SS	II	<a href="#">Owl, northern saw-whet</a>	Aegolius acadicus	<a href="#">Yes</a>	CBC
040266	SS	II	<a href="#">Wren, winter</a>	Troglodytes troglodytes	<a href="#">Yes</a>	CBC,BOVA
030063	CC	III	<a href="#">Turtle, spotted</a>	Clemmys guttata		BOVA
040094	SS	III	<a href="#">Harrier, northern</a>	Circus cyaneus	<a href="#">Yes</a>	CBC,BOVA
040204	SS	III	<a href="#">Owl, barn</a>	Tyto alba pratincola	<a href="#">Yes</a>	CBC,BOVA
030012	CC	IV	<a href="#">Rattlesnake, timber</a>	Crotalus horridus		BOVA
040264	SS	IV	<a href="#">Creeper, brown</a>	Certhia americana	<a href="#">Yes</a>	CBC,BOVA
040364	SS		<a href="#">Dickcissel</a>	Spiza americana		BOVA
040366	SS		<a href="#">Finch, purple</a>	Carpodacus purpureus	<a href="#">Yes</a>	CBC,BOVA
040285	SS		<a href="#">Kinglet, golden-crowned</a>	Regulus satrapa	<a href="#">Yes</a>	CBC,BOVA
040112	SS		<a href="#">Moorhen, common</a>	Gallinula chloropus cachinnans		BOVA

040262	SS		<a href="#">Nuthatch, red-breasted</a>	Sitta canadensis	<a href="#">Yes</a>	CBC,BOVA
040210	SS		<a href="#">Owl, long-eared</a>	Asio otus	<a href="#">Yes</a>	CBC
040278	SS		<a href="#">Thrush, hermit</a>	Catharus guttatus	<a href="#">Yes</a>	CBC,BOVA
040314	SS		<a href="#">Warbler, magnolia</a>	Dendroica magnolia		BOVA
050045	SS		<a href="#">Otter, northern river</a>	Lontra canadensis lataxina		BOVA
040225		I	<a href="#">Sapsucker, yellow-bellied</a>	Sphyrapicus varius	<a href="#">Yes</a>	CBC,BOVA
040319		I	<a href="#">Warbler, black-throated green</a>	Dendroica virens		BOVA

To view **All 460 species** [View 460](#)

\* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

\*\* I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

### Anadromous Fish Use Streams

N/A

### Colonial Water Bird Survey

N/A

### Threatened and Endangered Waters

N/A

**Cold Water Stream Survey (Trout Streams)** ( 1 records ) (Click on Stream Name to view complete reach history)  
**Managed Trout Species**

[View Map of All Cold Water Stream Surveys](#)

Reach ID	Stream Name	Class	Brook Trout	Brown Trout	Rainbow Trout	View Map
07JER-01	<a href="#">Jeremys Run</a>	Wild trout	Y			<a href="#">Yes</a>

**Public Holdings:** ( 2 names )

Name	Agency	Level
Shenandoah National Park	National Park Service	Federal
George Washington National Forest	U.S. Forest Service	Federal

audit no. 271256 12/11/2009 2:18:55 PM Virginia Fish and Wildlife Information Service

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# Christmas Bird Count Survey where Shrike, loggerhead (040293) observed

38,43,44.9 -78,25,17.8  
is the Search Point

## Show Position Rings

☒ Yes ☐ No

1 mile and 1/4 mile at the Search Point

## Show Search Area

☒ Yes ☐ No

2 miles

Search Point is at  
map center

## Base Map [Choices](#)

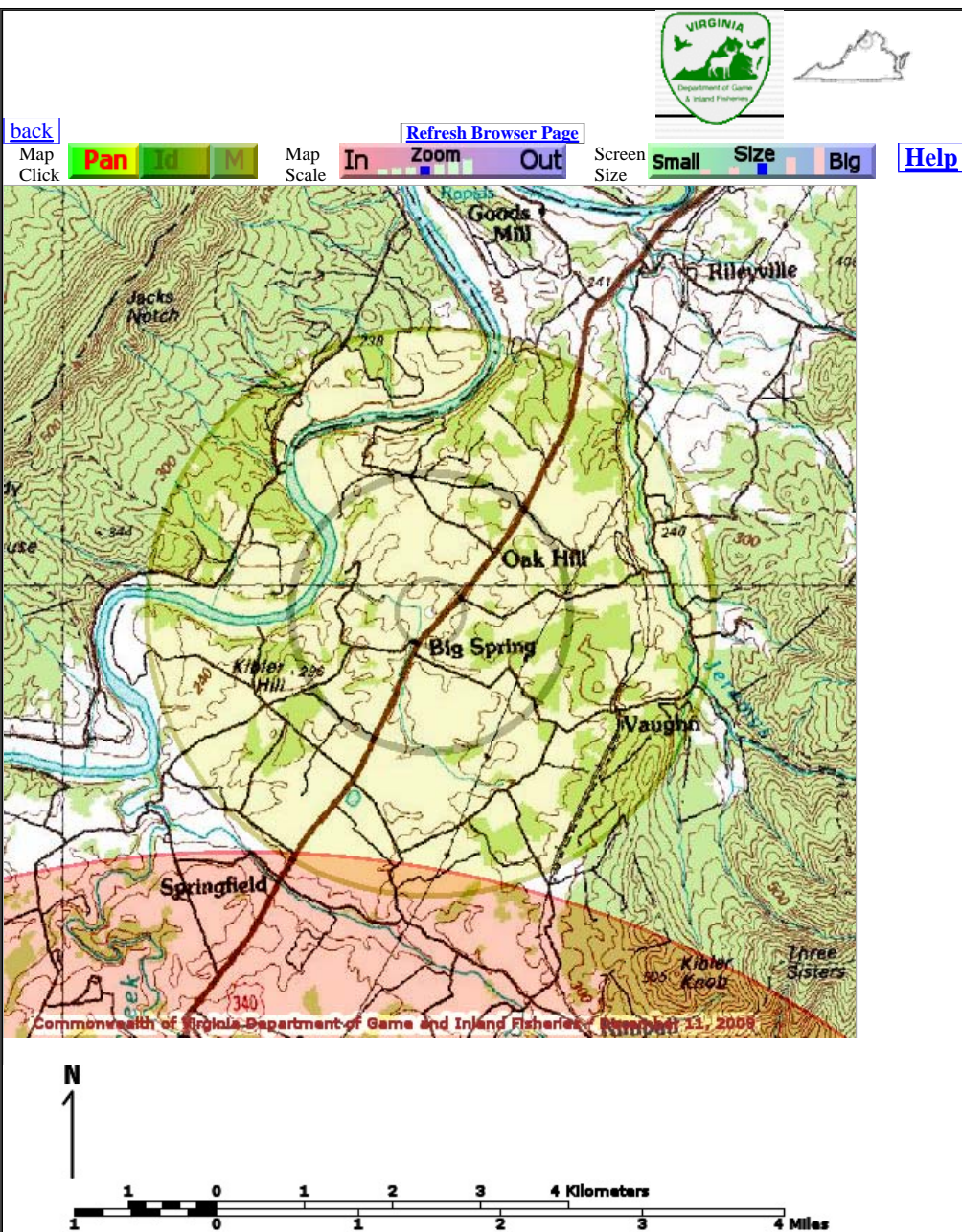
Topography

## Map Overlay [Choices](#)

Current List: Search, CBC,  
Position

## Map Overlay Legend

-  **Position Rings**  
1 mile and 1 4  
mile at the  
Search Point
-  **2 mile radius**  
**Search Area**
-  **Data Collection Site**



Point of Search 38,43,44.9 -78,25,17.8

Map Location 38,43,44.9 -78,25,17.8

Select **Coordinate System**: ☒ Degrees,Minutes,Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [terraser-ver-usa.com](http://terraser-ver-usa.com) for details)

Map projection is UTM Zone 17 NAD 1983 with left 719353 and top 4294688. Pixel size is 16 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5 square miles.

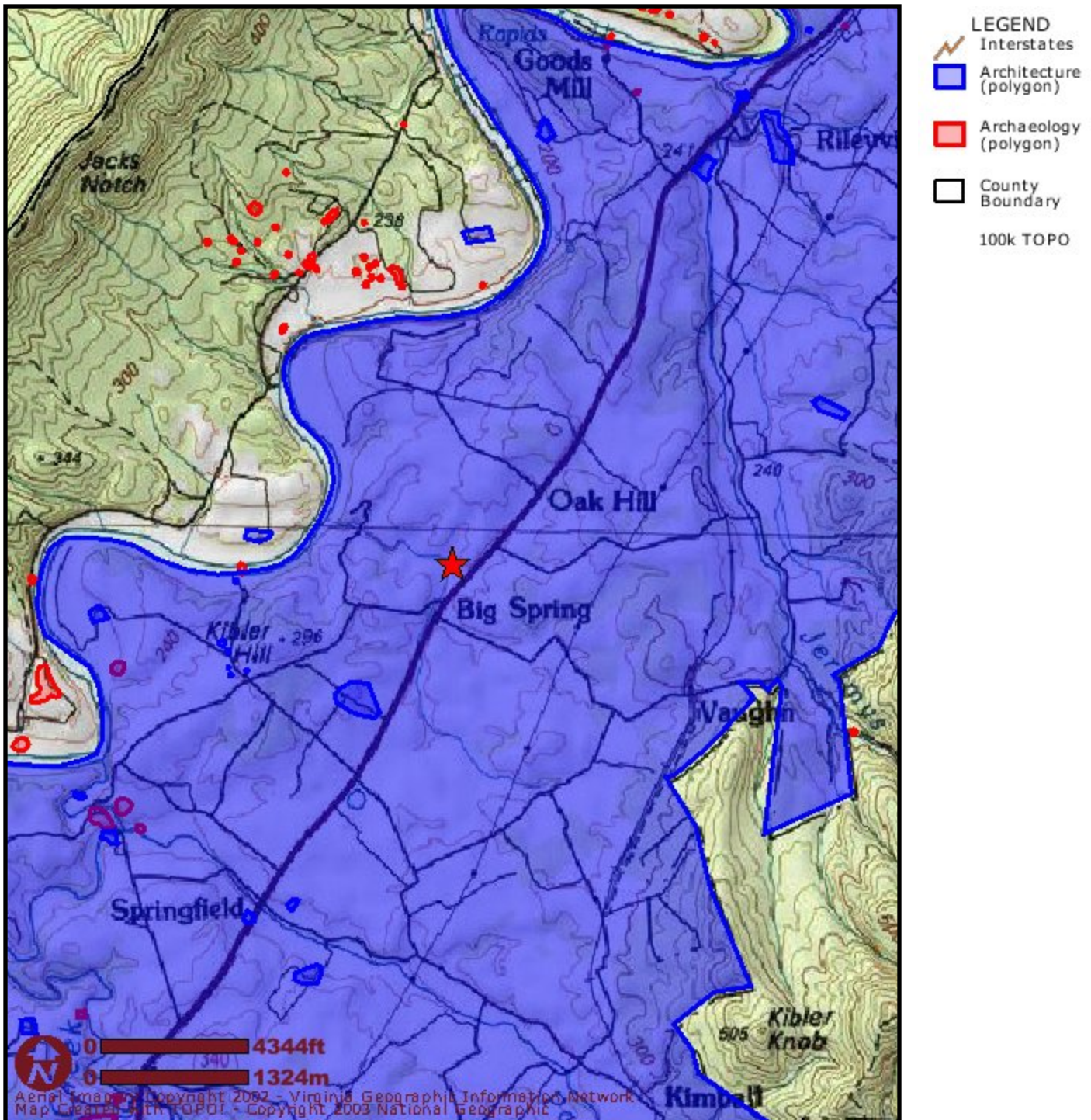
Black and white aerial photography acquired near 1990 and topographic maps are from the United States Department of the Interior, United States Geological Survey.  
Shaded topographic maps are from TOPO! ©2006 National Geographic

<http://www.nationalgeographic.com/topo>  
Color aerial photography acquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network  
All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.  
map assembled 2009-12-11 14:19:39 (qa/qc July 27, 2009 10:09 - tn=271256.2 dist=32181)

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# Virginia Department of Historic Resources Data Sharing System, 12/11/2009



Virginia Department of Historic Resources - December 12,  
2009 1:30 pm

Page County Tower Site 0

1:24,000 scale

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0070**

**Other DHR ID#:**

**Resource Information**

Resource Name(s): Big Spring Church {Current}

Date of Construction: ca 1870

Local Historic District :

**Location of Resource**

Commonwealth of Virginia

County/Independent City: Page

Magisterial District:

Town/Village/Hamlet:

Tax Parcel:

Zip Code:

Address(s): Route 340 {Current}

USGS Quadrangle Name: LURAY

UTM Boundary Coordinates :

NAD

Zone

Easting

Northing

UTM Center coordinates :

UTM Data Restricted?.

**National Register Eligibility Status**

Resource has not been evaluated.\*

\* Resource has not been formally evaluated by DHR or eligibility information has not been documented in DSS at this time.

**Resource Description**

Ownership Status:

Government Agency Owner:

Acreage:

Surrounding area:

Open to Public:

Site Description:

Secondary Resource Summary:

**Individual Resource Information**

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Church/Chapel	Contributing

**Individual Resource Detail Information**

Resource Type.	Church/Chapel	Primary Resource?	Yes
Date of Construction:	ca 1870 {Site Visit}	Accessed?	
Architectural Style:		Number of Stories:	0.0
Form:		Condition:	
Interior Plan Type:			

**Threats to Resource:**

Architecture Summary: Front of church has an 8-light transom and gable end returns. There are brackets and dentils on cornice.

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

**Primary Resource Exterior Component Description:**

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
other	other	Wood	other

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0070**

**Other DHR ID#:**

Foundation	other	Stone	other
Roof	Roof - Gable	Metal	Roof - Standing Seam
Structural System	Structural System - Frame	Wood	Structural System - Weatherboard
Windows	Windows - Sash, Double-Hung	Wood	Windows - 1/1, Paired

*Historic Context(s):*

Religion

***Significance Statement***

***National Register Eligibility Information (Intensive Level Survey):***

*National Register Criteria:*

*Period of Significance:*

*Level of Significance:*

***Graphic Media Documentation***

<i>DHR Negative #</i>	<i>Photographic Media</i>	<i>Negative Repository</i>	<i>Photo Date</i>	<i>Photographer</i>
2251	B&W 35mm Photos		June 1973	

***Bibliographic Documentation***

***Cultural Resource Management (CRM) Events***

*CRM Event # 1,*

*Cultural Resource Management Event:*

Survey:Phase I/Reconnaissance

*Date of CRM Event:*

9999

*CRM Person:*

Ann Craddock

*CRM Event Notes or Comments:*

While not dated, this survey probably has the same date 1  
as the accompanying photographs.

***Bridge Information***

***Cemetery Information***

***Ownership Information***

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0071**

**Other DHR ID#:**

**Resource Information**

Resource Name(s): Dofflemyer House, Old {Current}

Date of Construction: ca 1870

Local Historic District :

**Location of Resource**

Commonwealth of Virginia

County/Independent City: Page

Magisterial District:

Town/Village/Hamlet:

Tax Parcel:

Zip Code:

Address(s): Route 310 {Current}

USGS Quadrangle Name: LURAY

UTM Boundary Coordinates :

NAD

Zone

Easting

Northing

UTM Center coordinates :

UTM Data Restricted?.

**National Register Eligibility Status**

Resource has not been evaluated.\*

\* Resource has not been formally evaluated by DHR or eligibility information has not been documented in DSS at this time.

**Resource Description**

Ownership Status:

Government Agency Owner:

Acreage:

Surrounding area:

Open to Public:

Site Description:

Secondary Resource Summary:

**Individual Resource Information**

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Single Dwelling	Contributing

**Individual Resource Detail Information**

Resource Type. Single Dwelling Primary Resource? Yes

Date of Construction: ca 1870 {Site Visit} Accessed?

Architectural Style: Number of Stories: 2.0

Form: Condition:

Interior Plan Type: Threats to Resource:

Architecture Summary: Porch shadows a good view of the entrance(s).

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

**Primary Resource Exterior Component Description:**

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Chimneys	Chimneys - Interior end	Brick	Chimneys, Cap, Corbeled

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0071**

**Other DHR ID#:**

other	other	Wood	other
Foundation	other	Stone	other
Porch	Porch - 1-story, 3-bay	Wood	Porch - Posts
Roof	Roof - Gable	Metal	Roof - Standing Seam
Structural System	Structural System - Frame	Wood	Structural System - Weatherboard
Windows	Windows - Sash, Double-Hung	Wood	Windows - 6/6
Windows	Windows - Sash, Double-Hung	Wood	other

*Historic Context(s):*

Domestic

***Significance Statement***

***National Register Eligibility Information (Intensive Level Survey):***

*National Register Criteria:*

*Period of Significance:*

*Level of Significance:*

***Graphic Media Documentation***

<i>DHR Negative #</i>	<i>Photographic Media</i>	<i>Negative Repository</i>	<i>Photo Date</i>	<i>Photographer</i>
2251	B&W 35mm Photos		July 1973	

***Bibliographic Documentation***

***Cultural Resource Management (CRM) Events***

*CRM Event # 1,*

*Cultural Resource Management Event:*

Survey:Phase I/Reconnaissance

*Date of CRM Event:*

1973

*CRM Person:*

Ann Craddock

*CRM Event Notes or Comments:*

***Bridge Information***

***Cemetery Information***

***Ownership Information***

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0072**

**Other DHR ID#:**

**Resource Information**

Resource Name(s): Brumback, Edward, House {Current}

Date of Construction: ca 1808

Local Historic District :

**Location of Resource**

Commonwealth of Virginia

County/Independent City: Page

Magisterial District:

Town/Village/Hamlet: Luray

Tax Parcel:

Zip Code:

Address(s): Route 340 {Current}

USGS Quadrangle Name: LURAY

UTM Boundary Coordinates :

NAD

Zone

Easting

Northing

UTM Center coordinates :

UTM Data Restricted?: No

**National Register Eligibility Status**

Resource has not been evaluated.\*

\* Resource has not been formally evaluated by DHR or eligibility information has not been documented in DSS at this time.

**Resource Description**

Ownership Status: Private

Government Agency Owner:

Acreage:

Surrounding area: Rural

Open to Public: No

Site Description:

Secondary Resource Summary:

**Individual Resource Information**

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Other	Contributing
1	Smoke/Meat House	Contributing
0	Other	Contributing
1	Slave/Servant Quarters	Contributing
1	Single Dwelling	Contributing

**Individual Resource Detail Information**

Resource Type:	Single Dwelling	Primary Resource?	Yes
Date of Construction:	ca 1808 {Site Visit}	Accessed?	
Architectural Style:		Number of Stories:	2.0
Form:		Condition:	
Interior Plan Type:			

Threats to Resource:

Architecture Summary: Original section built ca. 1808 was four room, brick. Decorative sawn vergeboard in gable end and decorative bracketed cornice.



# Virginia Department of Historic Resources

## Reconnaissance Level Survey

**DHR ID#: 069-0072**

**Other DHR ID#:**

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: "Only one original mantle remains, in the left room of the two original rooms of the brick section. . . Kitchen was located to the south."

End Interior Description

### Individual Resource Detail Information

<i>Resource Type.</i>	Other	<i>Primary Resource?</i>	No
<i>Date of Construction:</i>	9999	<i>Accessed?</i>	
<i>Architectural Style:</i>		<i>Number of Stories:</i>	0.0
<i>Form:</i>		<i>Condition:</i>	
<i>Interior Plan Type:</i>		<i>Threats to Resource:</i>	

Architecture Summary: Collection of other farm outbuildings.

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

### Individual Resource Detail Information

<i>Resource Type.</i>	Other	<i>Primary Resource?</i>	No
<i>Date of Construction:</i>	post 1808 {Site Visit}	<i>Accessed?</i>	
<i>Architectural Style:</i>		<i>Number of Stories:</i>	0.0
<i>Form:</i>		<i>Condition:</i>	
<i>Interior Plan Type:</i>		<i>Threats to Resource:</i>	

Architecture Summary: "The original ash house still stands."

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

### Individual Resource Detail Information

<i>Resource Type.</i>	Slave/Servant Quarters	<i>Primary Resource?</i>	No
<i>Date of Construction:</i>	post 1808 {Site Visit}	<i>Accessed?</i>	
<i>Architectural Style:</i>		<i>Number of Stories:</i>	1.0
<i>Form:</i>		<i>Condition:</i>	
<i>Interior Plan Type:</i>		<i>Threats to Resource:</i>	

Architecture Summary: Slaves house, had seven bunks upstairs.

Board and batten siding, a brick chimney rebuilt ca 1900, one sash window 6/6, gable metal standing seam roof.

End Architecture Summary Additions and alterations: End Additions and alterations Interior Description: End Interior Description

### Individual Resource Detail Information

<i>Resource Type.</i>	Smoke/Meat House	<i>Primary Resource?</i>	No
<i>Date of Construction:</i>	1940 {Site Visit}	<i>Accessed?</i>	
<i>Architectural Style:</i>		<i>Number of Stories:</i>	0.0
<i>Form:</i>		<i>Condition:</i>	
<i>Interior Plan Type:</i>		<i>Threats to Resource:</i>	

Architecture Summary: End Architecture Summary Additions and alterations: End Additions and alterations Interior Description:

End Interior Description

### Primary Resource Exterior Component Description:

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Chimneys	Chimneys - Exterior end	Brick	Chimneys, Cap, Corbeled
Chimneys	Chimneys - Interior	Brick	Chimneys, Cap, Corbeled
other	other	Wood	other
Porch	Porch - 1-story, 4-bay	Wood	Porch - Columns, Tuscan
Roof	Roof - Gable	Metal	Roof - Standing Seam
Structural System	Structural System - Masonry	Brick	Structural System - Stuccoed

**Virginia Department of Historic Resources  
Reconnaissance Level Survey**

**DHR ID#: 069-0072**

**Other DHR ID#:**

Windows	Windows - Sash, Double-Hung	Wood	Windows - 6/6
---------	-----------------------------	------	---------------

*Historic Context(s):*

Domestic  
Subsistence/Agriculture

***Significance Statement***

Some interesting original outbuildings.

***National Register Eligibility Information (Intensive Level Survey):***

*National Register Criteria:*

*Period of Significance:*

*Level of Significance:*

***Graphic Media Documentation***

<i>DHR Negative #</i>	<i>Photographic Media</i>	<i>Negative Repository</i>	<i>Photo Date</i>	<i>Photographer</i>
2478	B&W 35mm Photos		August 1973	

***Bibliographic Documentation***

***Cultural Resource Management (CRM) Events***

CRM Event # 1,  
*Cultural Resource Management Event:* Survey:Phase II/Intensive  
*Date of CRM Event:* 1973  
*CRM Person:* Ann Craddock  
*CRM Event Notes or Comments:*

***Bridge Information***

***Cemetery Information***

***Ownership Information***

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 069-0197**

**Other DHR ID#:**

**Resource Information**

*Resource Name(s):* Thomas Farm {Current}  
Thomas Farm, Route 340 {Historic/Location}  
*Date of Construction:* ca 1850  
*Local Historic District :*

**Location of Resource**

*County/Independent City:* Commonwealth of Virginia  
Page  
*Magisterial District:*  
*Town/Village/Hamlet:*  
*Tax Parcel:*  
*Zip Code:*  
*Address(s):* Route 340 {Current}  
*USGS Quadrangle Name:* LURAY  
*UTM Boundary Coordinates :*

NAD                      Zone                      Easting                      Northing

*UTM Center coordinates :*  
*UTM Data Restricted?.*

***National Register Eligibility Status***

Resource has not been evaluated.\*

\* Resource has not been formally evaluated by DHR or eligibility information has not been documented in DSS at this time.

**Resource Description**

*Ownership Status:*  
*Government Agency Owner:*  
*Acreage:* 335.00  
*Surrounding area:*  
*Open to Public:* No  
*Site Description:*  
1973 survey: none.  
*Secondary Resource Summary:*  
1973 survey: none.

**Individual Resource Information**

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Single Dwelling	Contributing

**Individual Resource Detail Information**

<i>Resource Type.</i>	Single Dwelling	<i>Primary Resource?</i>	Yes
<i>Date of Construction:</i>	ca 1850 {Site Visit}	<i>Accessed?</i>	Yes
<i>Architectural Style:</i>		<i>Number of Stories:</i>	2.0
<i>Form:</i>		<i>Condition:</i>	Fair
<i>Interior Plan Type:</i>	Two-Room, Single Pile	<i>Threats to Resource:</i>	Deterioration
Architecture Summary: Two-story, three-bay facade with front to left side wrapping porch (veranda.)			

1973 Survey: House was built in two parts. Front of the house has a molded cornice, the back is simply three stretchers.

***Primary Resource Exterior Component Description:***

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 069-0197**

**Other DHR ID#:**

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Chimneys	Chimneys - Exterior end	Brick	other
Porch	other	Wood	Porch - Posts, Turned
Structural System	Structural System - Masonry	Brick	other
Windows	Windows - Sash, Double-Hung	Wood	Windows - 2/2
Roof	Roof - Gable, Side	Metal	Roof - Standing Seam

*Historic Time Period(s):* N- Antebellum Period (1830 to 1860)

*Historic Context(s):* Domestic

***Significance Statement***

1973 survey:

First remembered owner was an Amos, who died before the Civil War.

Bought by Joe Burkner.

Passed to David C. Burkner, Joseph L. Burkner, and finally Dorothy Foltz, from who the present owners bought it.

***National Register Eligibility Information (Intensive Level Survey):***

*National Register Criteria:*

*Period of Significance:*

*Level of Significance:*

***Graphic Media Documentation***

<u>DHR Negative #</u>	<u>Photographic Media</u>	<u>Negative Repository</u>	<u>Photo Date</u>	<u>Photographer</u>
2476	B&W 35mm Photos	VDHR	August 1973	A. Craddock

***Bibliographic Documentation***

*Reference #:* 1

*Bibliographic RecordType:* Oral History/Interview

*Author:* Rumsey Heiston

*DHR CRM Report Number:*

*Notes:*

Rumsey Heiston of Route 4, Luray.

***Cultural Resource Management (CRM) Events***

*CRM Event # 1,*

*Cultural Resource Management Event:* Survey:Phase I/Reconnaissance

*Date of CRM Event:* August 1973

*CRM Person:* Ann Craddock

*CRM Event Notes or Comments:*

***Bridge Information***

***Cemetery Information***

***Ownership Information***

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 093-5027**

**Other DHR ID#:**

**Resource Information**

Resource Name(s): Page Valley Rural Historic District  
{ Historic/Current }

Date of Construction: 9999

Local Historic District :

**Location of Resource**

Commonwealth of Virginia

County/Independent City: Page  
Warren

Magisterial District:

Town/Village/Hamlet: Luray/Front Royal

Tax Parcel:

Zip Code:

Address(s): Route 340

USGS Quadrangle Name: BENTONVILLE  
CHESTER GAP  
FRONT ROYAL  
LURAY  
RILEYVILLE  
STRASBURG  
THORNTON GAP

UTM Boundary Coordinates :

<u>NAD</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>
------------	-------------	----------------	-----------------

UTM Center coordinates :

UTM Data Restricted?. No

**Resource Description**

Ownership Status: Private  
Public - Local  
Public - State

Government Agency Owner:

Acreage: 30,000.00

Surrounding area: Rural

Open to Public: Yes

Site Description:

2002: Acreage is approximately: 20,000-30,000 acres (It is about the same size as Madison-Barbour, Orange County: 31,200 acres or Southwest Mountains, Albemarle County: 31,975 acres).

**Geographic Definition**

Page Valley is the area between the towns of Front Royal and Luray. The Northern end of the Shenandoah Valley is defined by several smaller valleys: Fort Valley and Page Valley are the largest of these units. The Massanutten Mountain range rises steeply on the western side of Page Valley and the Blue Ridge Mountains define the eastern edge. The South Fork of the Shenandoah River runs through Page Valley.

Secondary Resource Summary:

N/A

**National Register Eligibility Status**

Property has been recommended Eligible for listing or is listed in the National Register of Historic Places

This Resource is associated with the Page Valley Rural Historic District

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 093-5027**

**Other DHR ID#:**

**Individual Resource Information**

<u>Count</u>	<u>Resource Types</u>	<u>Resource Status</u>
1	Historic District	Contributing

**Individual Resource Detail Information**

<i>Resource Type:</i>	Historic District	<i>Primary Resource?</i>	Yes
<i>Date of Construction:</i>	9999	<i>Accessed?</i>	
<i>Architectural Style:</i>		<i>Number of Stories:</i>	0.0
<i>Form:</i>		<i>Condition:</i>	Good
<i>Interior Plan Type:</i>		<i>Threats to Resource:</i>	Development Transportation Expansion

2002: Because of its eastern and northern position it became one of the earliest settlement areas in the first wave of Pennsylvania Germans who came southward in the 1730s-1750s.

The district is one of the more pristine areas of the Shenandoah Valley. It conveys the history of German settlement and architecture; transportation history-railroad and historic turnpike; 19th century settlement patterns in the small villages along Route 340; early twentieth century automobile tourism (predating Skyline Drive) and Civil War history which include strategic use of the Valley for troop movements and several skirmish areas.

The recommended boundary only includes the eastern half of the Valley from the Blue Ridge Mountain ridge top to the South Fork of the Shenandoah River. Route 340 is a historic central feature as it started as a turnpike road well before the Civil War.

Note: The adjacent Fort Valley, to the west, is even more pristine than Page Valley.

**Primary Resource Exterior Component Description:**

**Significance Statement**

2002: General Significance

The concept of "Page Valley" has been reborn with the modern wine industry because of the quality of soil and type of light that you get in the Page Valley area. The use of "Page Valley" name was more popular in the 18th and 19th century. In the 18th century it was the easiest migration route for Germans (Brethren and Mennonites, Anabaptists) coming from Lancaster County and other Eastern Pennsylvania Counties (my German ancestors settled just south of Page Valley at Massanutten mountain tip). Fort Stover is a very important German site in Page Valley (on the register). Ed Chappell identified several rare Flurkuchenhaus plan buildings (3 rooms on the main floor with an interior kitchen) in Page Valley-groundbreaking work in the 1960s. The Brethren influence is at the Luray end of the Page Valley and Scots-Irish closer to Front Royal--Gooney Manor area.

Page Valley was often referenced during the Civil War. Confederate forces used the adjacent (northwestward) Fort Valley, a narrow, hard-to-access valley, to surprise Union forces to the east and west. The Page Valley area played an important strategic role during the War.

In the modern era, Skyline Caverns near Front Royal (c. 1937) and Luray Caverns (c. 1901) bookend the Valley as automobile era tourist sites. The area is unspoiled from strip and commercial development because Front Royal became the "Gateway to the Skyline Drive" after c. 1936 and most car traffic was diverted up onto the Skyline and then folks took 522 down to Luray to visit the Caverns. The Luray-Front Royal Turnpike was a busy road in the pre-Skyline Drive period (not to mention the travel to hunting lodges and fishing camps--Presidents T. Roosevelt and Hoover both had hunting camps in this region, but not in the Page Valley).

**National Register Eligibility Information (Intensive Level Survey):**



**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 093-5027**

**Other DHR ID#:**

*National Register Criteria:*

A- Associated with Broad Patterns of History  
C- Distinctive Characteristics of Architecture/Construction

*Period of Significance:*

*Level of Significance:*

*NR Areas of Significance:*

Agriculture  
Architecture  
Exploration/Settlement  
Historic - Non-aboriginal

**Graphic Media Documentation**

<i>DHR Negative #</i>	<i>Photographic Media</i>	<i>Negative Repository</i>	<i>Photo Date</i>	<i>Photographer</i>
	Color Photos		February 04, 2003	Keyed to Quad Maps

**Bibliographic Documentation**

**Cultural Resource Management (CRM) Events**

*CRM Event # 1,*

*Cultural Resource Management Event:*

Federal Det. Of Eligibility

*Date of CRM Event:*

July 10, 2003

*CRM Person:*

NPS

*CRM Event Notes or Comments:*

The Page Valley Rural Historic District is eligible for the National Register of Historic Places for its historic and architectural significance under National Register Criteria A and C. The boundary of the eligible Page Valley Rural Historic District is that defined in a letter dated February 18, 2003, from the Virginia Department of Historic Resources to the Virginia Department of Transportation, that is, defined by the west bank of the Shenandoah River, the boundary of the Shenandoah National Park to the east, Route 211 north of Luray to the south, and a northern limit along a line from the Indian Hollow Bridge (Route 613) followed southeast and terminating at the point of the National Park Service property north of Brush Mountain.

*CRM Event # 2,*

*Cultural Resource Management Event:*

Survey:Phase I/Reconnaissance

*Date of CRM Event:*

December 11, 2002

*CRM Person:*

Marc Wagner

*CRM Event Notes or Comments:*

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

***DHR ID#: 093-5027***

***Other DHR ID#:***

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*CRM Event # 3,*

*Cultural Resource Management Event:*

DHR Staff: Potentially Eligible

*Date of CRM Event:*

July 29, 2002

*CRM Person:*

DHR

*CRM Event Notes or Comments:*

Special meeting -- Project Review

Angie Edwards presenting:

Proposed Page Valley Rural Historic District, Page and Warren Counties (DHR File Number 093-5027).

This proposal arose from a proposed series of VDOT improvements (including new alignments and bridge replacements and improvements) along the Route 340 corridor in Page and Warren Counties, running roughly from Luray to Front Royal (Project Review numbers 1993-2334 and 1993-2444). The committee considered the resources in the area (examined during a recent site visit by David Edwards and Angie Edwards) and found that the area has an intact 18th through early 20th century cultural landscape, which could be evaluated under the categories of agriculture, industry, transportation, history, and architecture. The area includes the Gooney Manor Loop Road Rural Historic District (Warren County, DHR file # 093-5026 and Project Review # 2002-0598), which has already been determined potentially eligible. In addition, the area includes some significant and individually-listed properties such as Fort Stover (DHR file # 069-0005).

The committee feels that the Proposed Page Valley Historic District is potentially eligible as a Rural Historic District. The boundaries for such a district would be north to south, extending from just north of Luray on the north to just south of Front Royal on the south; from east to west, from the boundaries of the Shenandoah National Park on the east to the east Fork of the Shenandoah River on the west. Such a rural historic district would be in keeping with the composition and character of such existing Rural Historic Districts as the Green Springs Rural Historic District, Louisa County, and the Southwest Mountains Rural Historic District, Albemarle County.

**Virginia Department of Historic Resources**  
**Reconnaissance Level Survey**

**DHR ID#: 093-5027**

**Other DHR ID#:**

*CRM Event # 4,*

*Cultural Resource Management Event:*

DHR Staff: Eligible

*Date of CRM Event:*

February 06, 2003

*CRM Person:*

DHR

*CRM Event Notes or Comments:*

Proposed Page Valley Rural Historic District, Page and Warren Counties, DHR File Number 093-5027; Project Review Numbers 1993-2444, 1993-2335, and 1993-2334.

After evaluation team members A. Edwards, Green, Holma, and Wagner, joined by D. Edwards of the Winchester office, made a site visit to the proposed Page Valley Historic District on 4 February 2003.

The Evaluation Team believes that the Page Valley Rural Historic District should constitute that area roughly defined by the Shenandoah River to the west, the boundary of the Shenandoah National Park to the east, Route 211 north of Luray to the south, and northern limit along a line from Indian Hollow Bridge (Route 613) followed southeast and terminating at the point of the National Park Service property north of Brush Mountain. [The northern boundary may be re-defined upon a new recommendation coming from David] The land and resources, both architectural and archaeological, included within these revised boundaries represent over 200 years of Euro-American occupation in the Page Valley. DHR believes that the Page Valley Rural Historic District is eligible under National Register Criterion A as an expression of early regional settlement and agricultural practices; Criterion C for its architectural merit, especially examples of vernacular ethnic German construction; and Criterion D for the architectural remains of early furnace sites.

Although DHR has now excluded most of the Warren County portion of the previously established boundary for the Page Valley Rural Historic District, we believe that there are smaller individual districts located in this area that are eligible for the National Register. VDOT has already identified and recommended as eligible one of these, Gooney Run Rural Historic District (DHR File Number 093-5026). Other potentially eligible historic districts that the Evaluation Team observed during its site visit include Browntown (DHR File Number 093-5032), Limeton (DHR File Number 093-5033), Bentonville (DHR File Number 093-5034), and a recreation-themed district encompassing the Skyline Motel (DHR File Number 093-5022) and Skyline Caverns (DHR File Number 093-0529).

VDOT identified two individually eligible resources located in the revised Page Valley Rural Historic District boundary. These are the Rileyville Historic District (DHR File Number 069-5253) and Milford Battlefield (DHR File Number 093-5023). VDOT recommended both as eligible for the National Register and DHR concurred. A third resource, the Compton Historic District (DHR File Number 069-5198), VDOT recommended as eligible, but DHR did not agree. After seeing Compton for itself, however, the Evaluation Team now concurs with the VDOT Recommendation that the Compton Historic District is eligible for the National Register.

***Bridge Information***

***Cemetery Information***

***Ownership Information***

## Statement of Cash Flows

	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Beginning Cash</b>	<b>\$ -</b>	<b>\$ 106,262</b>	<b>\$ 27,981</b>	<b>\$ 29,459</b>	<b>\$ 44,038</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>					
Net Income	352,617	1,109,296	(90,823)	(89,259)	(86,658)
Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities	-	-	-	-	-
Add: Depreciation	15,880	79,749	128,289	128,838	128,838
Add: Amortization	-	-	-	-	-
Changes in Current Assets and Liabilities:					
Marketable Securities	-	-	-	-	-
Accounts Receivable	-	-	-	-	-
Inventory	-	-	-	-	-
Prepayments	-	-	-	-	-
Other Current Assets	-	-	-	-	-
Accounts Payable	-	-	-	-	-
Other Current Liabilities	-	-	-	-	-
Deferred Grant Revenue	\$0	\$0	-	-	-
Deferred Matching contribution	\$0	\$0	-	-	-
	<b>\$ 368,497</b>	<b>\$ 1,189,045</b>	<b>\$ 37,466</b>	<b>\$ 39,579</b>	<b>\$ 42,180</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>					
Capital Expenditures (Eligible Project Costs)	(515,294)	(1,552,907)	-	-	-
Capital Expenditures (other)	-	-	(10,988)	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-
Long-Term Investments	-	-	-	-	-
<b>Net Cash Used by Investing Activities</b>	<b>\$ (515,294)</b>	<b>\$ (1,552,907)</b>	<b>\$ (10,988)</b>	<b>\$ -</b>	<b>\$ -</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>					
Notes Receivable	-	-	-	-	-
Notes Payable	-	-	-	-	-
Principal Payments	-	(\$25,000)	(\$25,000)	(\$25,000)	(\$25,000)
Grant Award	\$0	-	-	-	-
Matching Contribution	\$103,059	\$310,581	-	-	-
New Borrowing	\$150,000	-	-	-	-
Additional Paid-in Capital	-	-	-	-	-
Additions to Patronage Capital Credits	-	-	-	-	-
Payment of Dividends	-	-	-	-	-
<b>Net Cash Provided by Financing Activities</b>	<b>\$ 253,059</b>	<b>\$ 285,581</b>	<b>\$ (25,000)</b>	<b>\$ (25,000)</b>	<b>\$ (25,000)</b>
<b>Net Increase (Decrease) in Cash</b>	<b>\$ 106,262</b>	<b>\$ (78,281)</b>	<b>\$ 1,478</b>	<b>\$ 14,579</b>	<b>\$ 17,180</b>
<b>Ending Cash</b>	<b>\$ 106,262</b>	<b>\$ 27,981</b>	<b>\$ 29,459</b>	<b>\$ 44,038</b>	<b>\$ 61,219</b>

# Balance Sheet

	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Assets</b>					
<i>Current Assets</i>					
Cash	\$ 106,262	\$ 27,981	\$ 29,459	\$ 44,038	\$ 61,219
Marketable Securities	\$ -	\$ -	\$ -	\$ -	\$ -
Accounts Receivable	\$0	\$ -	\$ -	\$ -	\$ -
Notes Receivable	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory	\$ -	\$ -	\$ -	\$ -	\$ -
Prepayments	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Assets	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Current Assets</b>	\$ 106,262	\$ 27,981	\$ 29,459	\$ 44,038	\$ 61,219
<i>Non-Current Assets</i>					
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	\$ (15,880)	\$ (95,629)	\$ (223,918)	\$ (352,756)	\$ (481,594)
<b>Net Plant</b>	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Non-Current Assets</b>	\$ 499,414	\$ 1,972,572	\$ 1,855,271	\$ 1,726,433	\$ 1,597,595
<b>Total Assets</b>	\$ 605,676	\$ 2,000,553	\$ 1,884,730	\$ 1,770,471	\$ 1,658,814
<b>Liabilities and Owners' Equity</b>					
<b>Liabilities</b>					
<i>Current Liabilities</i>					
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -
Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -
Current Portion - Total Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Current Portion - Other Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Current Liabilities</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Long-Term Liabilities</i>					
Deferred Revenue	\$0	\$ -	\$ -	\$ -	\$ -
Existing Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Proposed Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Debt	\$150,000	\$125,000	\$100,000	\$75,000	\$50,000
<b>Total Long-Term Liabilities</b>	\$ 150,000	\$ 125,000	\$ 100,000	\$ 75,000	\$ 50,000
<b>Total Liabilities</b>	\$ 150,000	\$ 125,000	\$ 100,000	\$ 75,000	\$ 50,000
<b>Owner's Equity</b>					
Capital Stock	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Paid-In Capital	\$103,059	\$310,581	\$ -	\$ -	\$ -
Patronage Capital Credits	\$ -	\$ -	\$ -	\$ -	\$ -
Retained Earnings	\$ 352,617	\$ 1,564,972	\$ 1,784,730	\$ 1,695,471	\$ 1,608,814
<b>Total Equity</b>	\$ 455,676	\$ 1,875,553	\$ 1,784,730	\$ 1,695,471	\$ 1,608,814
<b>Total Liabilities and Owner's Equity</b>	\$ 605,676	\$ 2,000,553	\$ 1,884,730	\$ 1,770,471	\$ 1,658,814

# Income Statement

Page County  
ID 1410  
Revised 20100114

	Forecast Project Period				
	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Revenues</b>					
Network Services Revenues:					
Local Voice Service	\$ -	\$ -	\$ -	\$ -	\$ -
Broadband Data	\$0	\$3,445	\$36,562	\$37,476	\$38,413
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -
Network Access Service Revenues	\$0	\$6,772	\$67,707	\$68,842	\$70,005
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -
Toll Service/Long Distance Voice	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Revenues	\$0	\$13,238	\$13,238	\$13,238	\$13,238
Grant Revenue (80% of Project)	\$412,235	\$1,242,326			
Tax Revenue	\$0	\$0	\$ -	\$ -	\$ -
Other Revenues 1 (Page Co 20% Match)	\$0	\$0	\$ -	\$ -	\$ -
Other Revenues 2 (see attached sheet)	\$0	\$3,719	\$979	\$1,031	\$1,541
Uncollectible Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues</b>	\$ 412,235	\$ 1,269,500	\$ 118,486	\$ 120,587	\$ 123,197
<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 1 (See Attached)	\$28,211	\$28,211	\$28,211	\$28,211	\$28,211
Other Operating Expense 2 (Please Define)	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ 41,113	\$ 75,055	\$ 76,520	\$ 77,407	\$ 78,316
<b>EBITDA</b>	\$ 371,122	\$ 1,194,445	\$ 41,966	\$ 43,179	\$ 44,880
Depreciation	\$ (15,880)	\$ (79,749)	\$ (128,289)	\$ (128,838)	\$ (128,838)
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Earnings Before Interest and Taxes</b>	\$ 355,242	\$ 1,114,696	\$ (86,323)	\$ (85,659)	\$ (83,958)
Interest Expense - New Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Existing Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Expense - Other	\$2,625	\$5,400	\$4,500	\$3,600	\$2,700
<b>Income Before Taxes</b>	\$ 352,617	\$ 1,109,296	\$ (90,823)	\$ (89,259)	\$ (86,658)
Property Tax	\$ -	\$ -	\$ -	\$ -	\$ -
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Income</b>	\$ 352,617	\$ 1,109,296	\$ (90,823)	\$ (89,259)	\$ (86,658)



# 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
NETWORK & ACCESS EQUIPMENT						
Switching						
Routing						
Transport						
Access						
Other						
OUTSIDE PLANT						
Cables						
Conduits						
Ducts						
Poles						
Towers						
Repeaters						

**DETAIL OF PROJECT COSTS**

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>						
<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**

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

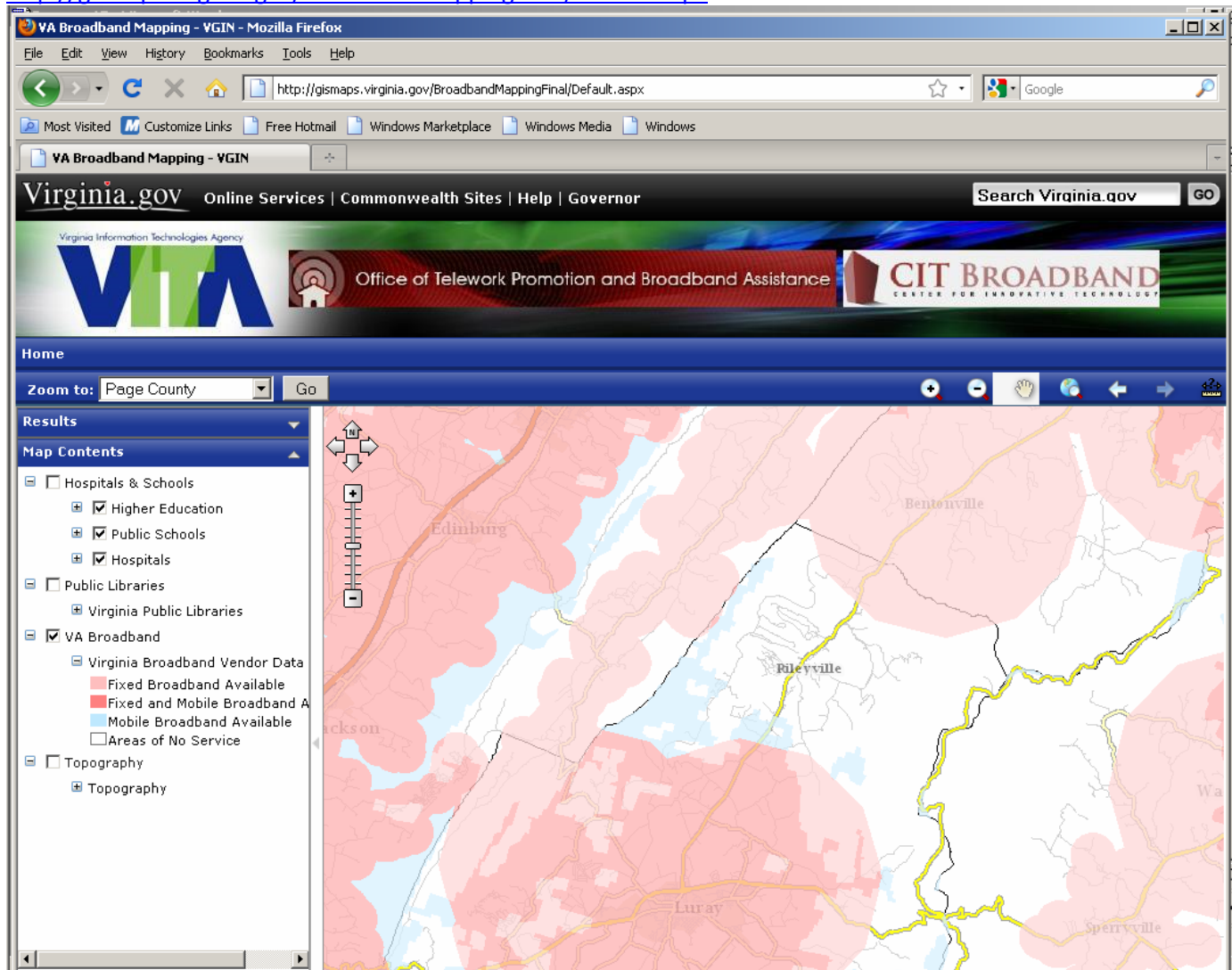
Applicant: Page County Broadband Authority

Easy Grants ID: 1410

RE: NTIA Questions Jan2010 - Designation of Unserved – Rileyville

Screen shot of Virginia Broadband Availability Map for Page County – Rileyville Unserved

<http://gismaps.virginia.gov/BroadbandMappingFinal/Default.aspx>



Key Metrics Dashboard  
Middle Mile Project  
Version 20091230 1.0

Applicant Profile	
Applicant Name	Dr. Tom Cardman on behalf of the Page County Broadband Authority
Title	County Administrator
EasyGrant ID	1410
Headquarters	Luray, Virginia
Size (2008 Data) of Sponsoring Entity	<ul style="list-style-type: none"> <li>Current Year Revenues: <b>Not Applicable</b></li> <li>Employees: <b>150</b></li> </ul>
Technology Type	<b>Middle Mile Infrastructure: Fiber primarily aerial with some underground, Wireless Towers</b>
Key Partners	<b>Page County, Page County Broadband Authority, Public Schools, Page Memorial Hospital</b>

Project Economics			
Budget Information		Project Financials	
Capital Budget	\$2,068,201	Project Revenues (Yr 5)	\$123,197
Federal Contribution (%)	\$1,654,561 (80%)	Net Income and Margin (Yr 5)	(\$86,658) Margin -.70
Cash Match Amount (%)	\$413,640 (20%)	EBITDA and Margin (Yr 5)	\$44,880 Margin .36
In Kind Match Amount (%)	0	Rate of Return (w/o BTOP Funds)	BTOP to fill
Cost Efficiency		Rate of Return (w/ BTOP Funds)	BTOP to fill
Cost per Mile (MM)	\$52,760	Debt to Assets Ratio (Year 5 – for project)	.03

Market Territory	
Geographic Area(s)	<List>
Total Proposed Network Miles	<ul style="list-style-type: none"> <li>Total Miles: <b>39.2</b></li> <li>Backbone Miles: <b>39.2</b></li> <li>Lateral Miles: <b>0</b></li> </ul> <b>Note: If using a combination of fiber and microwave, delineate figures in terms of these technology differences.</b>
New Construction Network Miles	<ul style="list-style-type: none"> <li>Total Miles: <b>39.2</b></li> <li>Backbone Miles: <b>39.2</b></li> <li>Lateral Miles: <b>0</b></li> </ul>
Existing Applicant Network Miles Utilized	<ul style="list-style-type: none"> <li>Total Miles: <b>0</b></li> <li>Backbone Miles: <b>0</b></li> <li>Lateral Miles: <b>0</b></li> </ul>
Leased Network Miles Utilized	<ul style="list-style-type: none"> <li>Total Miles: <b>0</b></li> <li>Backbone Miles: <b>0</b></li> <li>Lateral Miles: <b>0</b></li> </ul>
Underserved/Unserved	<ul style="list-style-type: none"> <li>Proposed Backbone Miles in Underserved/Unserved Areas: <b>39.2</b></li> <li>Proposed Lateral Miles in Underserved/Unserved Areas: <b>0</b></li> </ul>



Key Metrics Dashboard  
Middle Mile Project  
Version 20091230 1.0

Existing Residential/Individual Customers within PFSA	0
Existing Business Customers within PFSA	0
Existing Last Mile Service Provider Customers within PFSA	<b>Comcast, Embarq and Rural Broadband Network Services (RBNS) all serve in differing and limited areas of the county. Shentel provides cellular service in the County but not mobile/fixed data access.</b>
Existing Anchor Institution Customers within PFSA	0
Proposed Network Speed	<ul style="list-style-type: none"> <li>• Backbone: <b>2 Gbps</b></li> <li>• Laterals: <b>0</b></li> </ul>
Total Points of Interconnection (Network Access Points)	<ul style="list-style-type: none"> <li>• Total Pol's: <b>5</b></li> <li>• Pol's in Underserved/Unserved Areas: <b>5 (100%) – 1 unserved, 4 underserved</b></li> </ul>
Market Potential Households (based on population in areas with a point of interconnection)	<ul style="list-style-type: none"> <li>• Total HH's: <b>6,280</b></li> <li>• HH's Located in Underserved/Unserved Areas: <b>6,280&gt; and 100% of Total HH's</b></li> </ul>
Market Potential Businesses based on population in areas with a point of interconnection)	<ul style="list-style-type: none"> <li>• Total Businesses: <b>745</b></li> <li>• Businesses Located in Underserved/Unserved Areas: <b>745 and 100% of Total Businesses</b></li> </ul>
Market Potential Anchor Institutions (or Strategic Institutions)	<ul style="list-style-type: none"> <li>• Total AI's: <b>53</b></li> <li>• AI's Located in Underserved/Unserved Areas: <b>53 and 100% of Total Anchor Institutions</b></li> </ul>
Anchor Institutions Directly Connected (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> <li>• Total Directly Connected AI's: <b>29</b></li> <li>• Located in Underserved/Unserved Areas: <b>29 and 100%</b></li> </ul>
Last Mile Providers (based on those located in last mile service areas with a point of interconnection)	<ul style="list-style-type: none"> <li>• Total Last Mile Providers in Service Areas: <b>3 total (varies by area)</b></li> <li>• Last Mile Providers Expressing Commitment or Letter of Interest: <b>3</b></li> <li>• Last Mile Providers Serving Underserved/Unserved Areas: <b>3 and 100%</b></li> </ul>
Customers by Year Five	<p><b><u>Directly Served by Applicant</u></b></p> <ul style="list-style-type: none"> <li>• Anchor Institutions: <b>29</b></li> <li>• Homes: <b>0</b></li> <li>• Businesses: <b>0</b></li> <li>• Last Mile Service Providers: <b>1 (dark fiber lease connection)</b></li> </ul> <p><b><u>Directly Served by Last Mile Provider</u></b></p> <ul style="list-style-type: none"> <li>• Anchor Institutions: <b>24</b></li> <li>• Homes: <b>6,280 potential</b></li> <li>• Businesses: <b>745 potential</b></li> </ul>

Key Metrics Dashboard  
Middle Mile Project  
Version 20091230 1.0

Other	
Jobs Created	<p>Please refer to this website for calculation: <a href="http://www.whitehouse.gov/administration/eop/cea/Estimate-of-Job-Creation/">http://www.whitehouse.gov/administration/eop/cea/Estimate-of-Job-Creation/</a></p> <ul style="list-style-type: none"><li>• <b>Direct Jobs: 10</b></li><li>• <b>Indirect Jobs: 4.4</b></li><li>• <b>Induced Jobs: 8.1</b></li></ul>
Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service)	<b>8</b>

**NOTES:**

Existing Customers: The proposed network is a new municipal venture. There are no existing customers. All proposed subscribers are included in the market potential.

Market Potential: The numbers in the application were developed using conservative estimates of the coverage area provided by wireless partners using this middle mile infrastructure. The estimated wireless coverage areas were overlaid with actual housing data (census and GIS) to come up with estimated numbers of households which could be served. These numbers are conservatively less than the total numbers which would be obtained using the RUS mapping tools. As this is a middle mile network, not every home in each census block need receive service. Furthermore, the RUS tool did not allow for as precise identification of service area as the GIS mapping software used to develop the network design and business plan.

Customers By Year 5: Page County does not intend to provide services directly, other than providing WAN services to county facilities. The numbers of households and businesses served by Year 5 above reflect only those within the last mile wireless service areas (5). 794 households and 208 businesses are passed by the fiber backbone. Nelson County's leased access revenue estimates are conservatively based on the subscribers (residential/business) located only in the wireless last mile service areas (5).

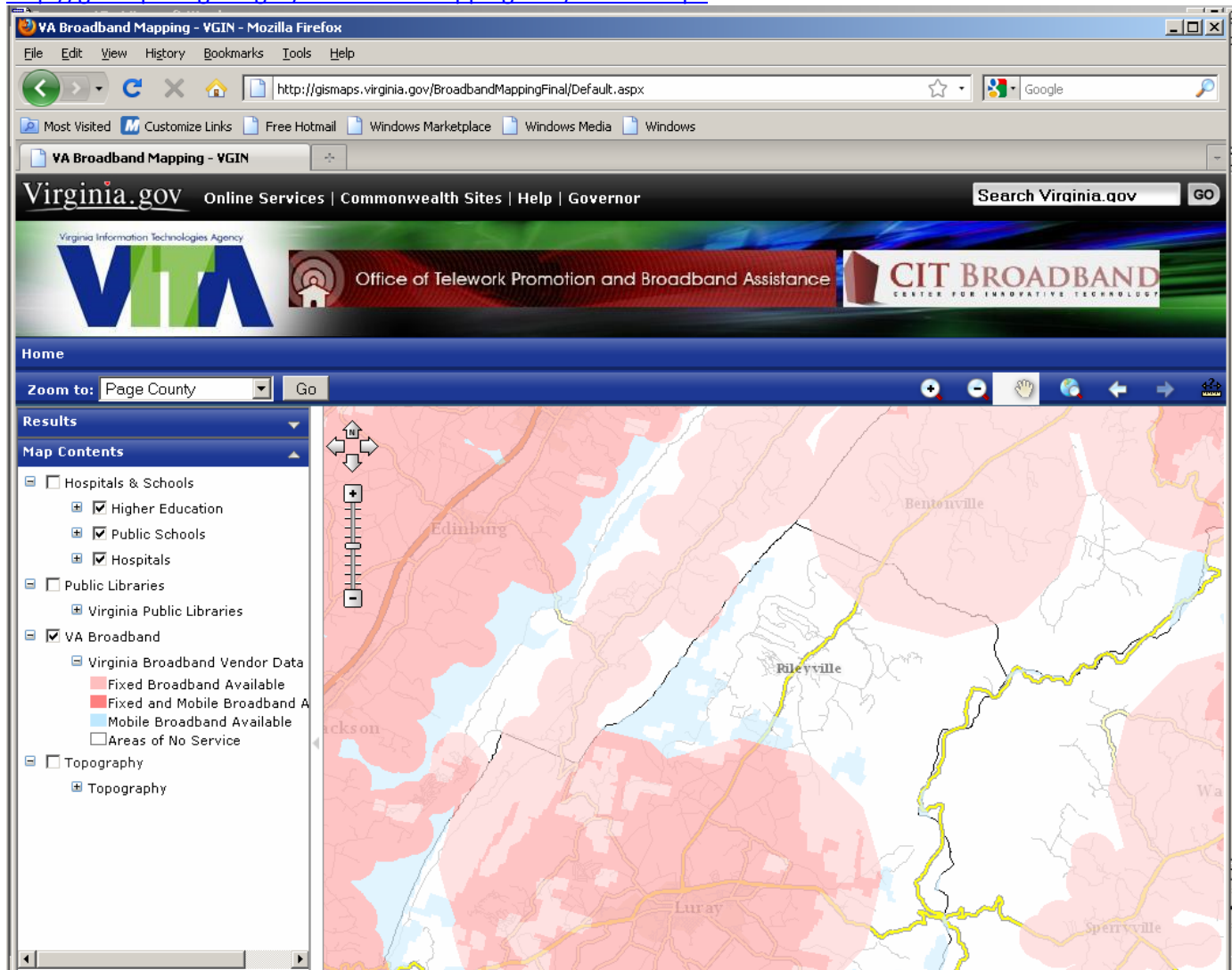
Applicant: Page County Broadband Authority

Easy Grants ID: 1410

RE: NTIA Questions Jan2010 - Designation of Unserved – Rileyville

Screen shot of Virginia Broadband Availability Map for Page County – Rileyville Unserved

<http://gismaps.virginia.gov/BroadbandMappingFinal/Default.aspx>





### **1.3 Survey Methodology**

A total of 2500 residential surveys were distributed from residential lists provided by County personnel. Mailing address lists for County businesses were provided and a total of 500 business surveys were distributed. Public school district officials and higher education personnel were interviewed via telephone for more detailed responses.

Residential and business input was provided from both mailed and on-line surveys. A two-page survey (see Appendix A, Section 7.0) polled basic demographic data, Internet usage habits, method of access (e.g. dial-up, DSL, cable modem), satisfaction with current providers, and monthly cost of access to the Internet. The survey could be completed and returned postage-paid with a minimum of user effort. The mailed survey was augmented by an online survey version. The domain name of [www.VAbroadbandstudy.com](http://www.VAbroadbandstudy.com) was purchased and used to make an exact replica of the mailed survey available for easy online entry. The results of the online survey are combined with the mailed survey results.

A targeted survey response rate of 10% was anticipated, returning a statistically valid sample size at a 95% confidence level. Response to the Page County surveys was much higher however, resulting in return rates of 32% (797) residential and 17% (86) business. The high response rate for the residential surveys is attributed to the efforts of County economic development personnel and school district officials in a targeted distribution of surveys to students. This effort ensured that families with children living at home were well represented in the survey process.

### **1.4 Local Internet Services**

#### **Residential**

Subscription Internet access is available to all residents via dial-up service at pricing as low as \$10 per month from national providers. Local providers such as Shenandoah Telephone (Shentel) offer dial-up access on a set number of hours or unlimited access at pricing from \$17 to \$25 per month. Access via Digital Subscriber Line (DSL) and cable modem are available in some areas of the County at prices ranging from \$25 to \$45 per month for residential service. Wireless access is available in most areas in Shenandoah at prices ranging from \$30 to \$65 per month, and in some areas of Luray and Stanley for \$40 to \$80 per month. Access via satellite provider HughesNet is available to all residents and businesses in the County with download speeds of 700 Kbps to 1.5 Mbps, ranging in price from \$60 to \$80 per month. WildBlue is an additional satellite provider targeting rural subscribers, with a choice of three tiers



delivering download speeds of 512 Kbps to 1.5 Mbps, and ranging in price from \$49.95 to \$79.95 per month. Satellite subscribers must either purchase equipment at costs in the hundreds of dollars or pay higher rates which include the necessary equipment.

Costs vary widely when comparing providers and services by speed of service. Residential service is typically greatly oversubscribed<sup>5</sup>, and speeds are typically advertised as “up to”. All products are not available to all County residents, and in most cases speeds available are dependent upon the subscriber’s distance from the provider’s facility or equipment. The exception to this is satellite Internet service which requires a clear view to the southwestern sky. In addition to regular monthly fees for service, subscribers may be subject to one time fees for installation or equipment. The costs for services by speed of service are as follows:

**Table 1.41: Current Residential Internet Options (rounded to nearest dollar)**

Speed (down/up)	Dial Up (unlimited)	Wireless Luray, Stanley (Limited areas, LOS only)	Wireless Shenandoah	DSL (assuming phone service)	Cable (assuming cable service)	Satellite
Max 56 Kbps	\$10-\$25					
256 Kpbs/256 Kbps		\$40	\$30			
512 Kbps/512 Kbps		\$50	\$35			
700 Kbps/128 Kbps						\$60
768 Kbps/768 Kbps		\$60	\$45			
1 Mbps/200 Kbps						\$70
1 Mbps/1 Mbps		\$70	\$55			
1.5 Mbps/200 Kbps						\$80
1.5 Mbps/512 Kbps				\$25		
1.5 Mbps/1.5 Mbps		\$80	\$65			
3.0 Mbps/640 Kbps				\$35		
Up to 3.0 Mbps (best effort service, no guarantee)		\$50				
5.0 Mbps/768 Kbps				\$45		
6.0 Mbps/384 Kbps					\$43	
Additional Fees (Set-up/Equipment)		\$300 one time	\$150 one time		*Optional* modem rental \$3/mo	\$200 one time

<sup>5</sup> The practice of providing much lower total available bandwidth than each user is purchasing individually. If, for example 100 customers were sold “up to” 1 Mbps, and the ISP supplies only 1Mbps total, the service is oversubscribed 100 to 1. In periods of low or moderate usage it may work well, but provides very slow service during peak periods.

**Business**

Subscription Internet access is available to all businesses via local and national dial up service providers at pricing similar to residential access. Costs to business customers for faster-than-dial up service are typically higher than that offered to residential customers due to increased support and quality of services agreements. DSL access is often used by small businesses that have few users and are not 'data intense', primarily due to cost limitations. These businesses must be able to operate with the amount of bandwidth available at any given moment. Wireless Internet service is also available throughout most of Shenandoah and reportedly in some areas of Stanley and Luray. Only businesses in Shenandoah reported using wireless access in response to the market survey.

Many medium to large (and even some small) businesses can satisfy their needs with a full or partial T1 line that they can portion between voice and data services. Depending upon the number of telephone lines and frequency of use, voice traffic may use a relatively small percentage of bandwidth. Greater amounts of bandwidth are required for transferring data files, frequent Internet use and connecting branch offices. T1 lines offer dedicated bandwidth to each user with higher reliability than DSL. T1 lines are available throughout most areas of the County at costs typically ranging between \$500 and \$1000 per month, or in channel increments at lower cost. Service is provisioned over Sprint/Embarg's copper lines, although service agreements and Internet access may be provided by other providers such as AT&T. Very high bandwidth needs (e.g. greater than 10 Mbps) can be met currently by a full or partial DS3 (45 Mbps) at rates well above \$1500 per month. The table that follows details the service levels available and pricing in a speed comparison fashion.

**Table 1:42: Current Business Internet Options (rounded to nearest dollar)**

<b>Speed</b>	<b>Dial Up</b>	<b>Wireless Stanley, Luray (Limited areas, LOS only)</b>	<b>Wireless Shenandoah</b>	<b>DSL</b>	<b>Cable</b>	<b>Satellite</b>	<b>T1</b>
Max 56 Kbps	\$10-\$25						
256 Kbps/256 Kbps		\$40 (small) \$105 (large)	\$100				
512 Kbps/128 Kbps				\$30			
512 Kbps/512 Kbps		\$50 (small) \$149 (large)	\$145				
768 Kbps/768 Kbps		\$60 (small) \$214 (large)	\$213				
1 Mbps/1 Mbps		\$70 (small) \$264 (large)	\$314				
1.5 Mbps/300 Kbps						\$100	
1.5 Mbps/384 Kbps				\$50			
1.5 Mbps/512 Kbps							





Speed	Dial Up	Wireless Stanley, Luray (Limited areas, LOS only)	Wireless Shenandoah	DSL	Cable	Satellite	T1
1.5 Mbps/1.5 Mbps		\$80 (small) \$414 (large)	\$466				\$1000+
3.0 Mbps/512 Kbps				\$70			
3.0 Mbps/640 Kbps							
5.0 Mbps/640 Kbps				\$85			
5.0 Mbps/768 Kbps							
6.0 Mbps/384 Kbps					\$99		
Additional Fees (Set-up/Equipment)		\$300 one time	\$150 one time		*Optional* modem rental \$3/mo	\$600 one time	

## 1.5 Residential Use and Unmet Demand

### Internet Access

Residential survey respondents ranged in age from under 20 to over 65 years old. Over 77% of responses represented working age adults in the 20 to 59 age range. Response from citizens aged 60 and above was proportionate with census demographic characteristics for those age groups. Responses from families with children at home represented 64% of the survey group. The ages of children living at home are represented as follows:

<b><u>Under 5</u></b>	<b><u>5 – 17</u></b>	<b><u>18 or older</u></b>
<b>20%</b>	<b>81%</b>	<b>20%</b>

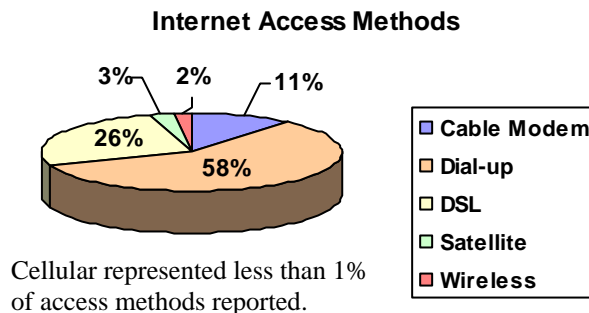
Computers are in the homes of 86% of survey respondents, and 80% of the total survey group subscribes to an Internet access service. These overall percentages in Page County are representative of national estimates, but a comparison by age group highlights significant disparity between young adults aged 20 to 34 and older generations.

<b>Computer Ownership and Internet Access By Age Group</b>		
<b>Age Group</b>	<b>No Computer in the Home</b>	<b>No Internet Access</b>
Under 20	11%	17%
20 - 24	19%	25%
25 - 34	11%	20%
35 - 44	8%	13%
45 - 54	10%	19%
55 - 59	13%	17%
60 - 64	16%	16%
65 or Older	42%	45%
Families with Children at Home	9%	16%



It should be noted that 84% of those aged 60 to 64 are actively accessing the Internet from home, yet only 55% of those aged 65 or older have a computer and an Internet connection.

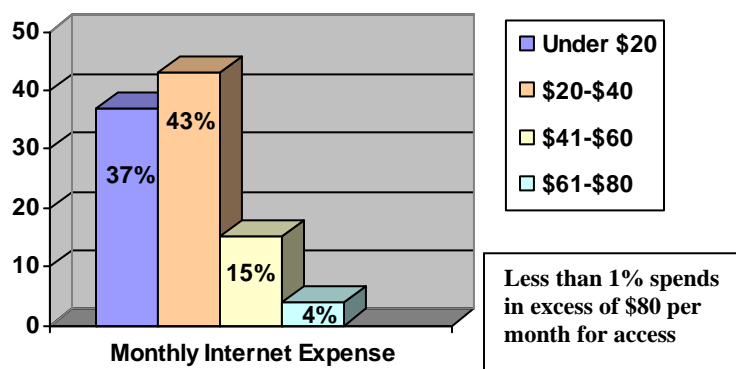
The majority of Internet users (58%) are subscribing to a dial-up Internet service. This is in sharp contrast to national estimates of between 72%<sup>6</sup> and 78% of active home Internet users going online via a broadband connection<sup>7</sup>.



Residents were asked to assess their Internet access speed as Adequate, Inadequate, or More than Needed. The majority (51%) described it as Inadequate to meet their needs. The majority of those dissatisfied with the speed of their Internet connection are using dial-up for access, but significant percentages of broadband subscribers also describe their access speeds as inadequate.

Residential Dissatisfaction with Current Internet Speed (Bandwidth) by Access Method			
Dial-Up	Satellite/Cellular	Digital Subscriber Line	Cable Modem
78%	36%	12%	12%

A majority of dial-up subscribers is interested in moving to a faster-speed service, yet 56% state services are not available to them. Cost is also a limiting factor however, as 30% state higher speed services are too expensive. Dial-up subscribers are currently paying below or slightly above \$20 per month for service.



Internet access in the home is important to the overwhelming majority of residents; 53% rate access as Very Important and another 30% describe it as Somewhat Important. This importance is quantified as a

<sup>6</sup> Source: *Over Half of U.S. Households Subscribe to Broadband Internet*; Leichtman Research Group, Inc. (LRG), Press Release 7 June 2007, <http://www.leichtmanresearch.com/press/060707release.html>

<sup>7</sup> Source: *Over Three-Fourths of U.S. Active Internet Users Connect Via Broadband at Home in November*; Nielsen/NetRatings, 12 December 2006, [http://www.netratings.com/pr/pr\\_061212.pdf](http://www.netratings.com/pr/pr_061212.pdf)



vast majority (62%) of residents is using the Internet to work from home and/or to complete school or job training course work.

<b>Using the Internet for Work or School</b>	
	<b>% of Internet Users</b>
Use the Internet to Work From Home:	23%
Internet Access Required to Complete Coursework for School or Job Training:	39%
Using at least once per Week	64%
Using at least once per Month	36%
	<b>% of Families with Children at Home</b>
Using the Internet to complete school work:	51%

The many activities that residents are performing online underscore the high value placed on access, and the desire for higher-speed access methods. Email has long been the most frequently used Internet application by citizens of all ages. In more recent years activities such as obtaining directions, researching purchases, and performing financial transactions have increased in popularity. Activities that influence social and economic changes such as online learning, job search, access to health and medical information and selling products or services online are steadily gaining in popularity as more Americans are exploring the Internet's vast reach. Large majorities of residents are turning to the Internet for access to news and community information.

<b>Residential Online Activities in the Past 6 Months</b>	
<b>Internet Activity</b>	<b>% of All Residents</b>
Visited a news website	65%
Purchased products or services	62%
Searched for travel related information	58%
Searched for health or medical information	55%
Visited a state or local government website	48%
Searched for info related to school work	48%
Performed a financial transaction with a bank	35%
Researched a major purchase	34%
Downloaded or watched video online	32%
Searched for a job	23%
Communicated with a teacher	17%
Took an online course	12%
Sold products or services	11%



Wireless Internet access is becoming more widespread, increasing consumer awareness of the service. Where once wireless service could be found only in retail locations such as coffee shops, hotels, airports, and some libraries, wireless wide area networks are becoming more common today. Additionally many new computers (both desktop and laptop) are equipped with standard wireless network cards, enabling ease of use. A large number of consumers have adopted the use of wireless home networks as an alternative method to reach computer work stations, and for using portable devices anywhere in the home. Page County residents were questioned as to their likelihood of subscribing to an affordable wireless high-speed Internet service if it were available to them, and the response was overwhelmingly positive.

<b>Residents' Interest in Affordable Wireless Internet Access</b>	
Very Likely to Subscribe	59%
Somewhat Likely to Subscribe	23%
Not Likely to Subscribe	13%
Unknown – no response	5%

### **Pay TV Services**

Nationally, approximately 85% of households subscribe to a pay TV service. Cable's share as of December, 2006 is estimated at 58.8% according to the National Cable and Telecommunications Association industry statistics<sup>8</sup>. Subscribers located in areas with population densities of 25 homes per mile or less are typically not served by cable systems and therefore are more likely to subscribe to satellite services such as DirecTV. The local cable provider Comcast (previously Adelphia) has a franchise agreement to serve the County, but does not serve all households. Of the residential survey participants, over 90% report subscribing to a pay TV service, primarily via satellite.

<b>Pay TV Subscribers</b>	
<b>Pay TV Method of Access</b>	<b>% of Responses</b>
Cable	30%
Satellite	61%

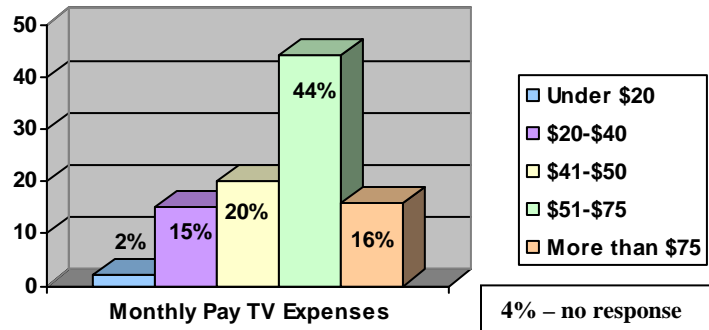
The majority of pay TV subscribers (69%) receive expanded programming consisting of local off-air channels and analog cable programming. Minimum basic programming consists typically of local off-air channels; public, education and government channels; and shopping networks with perhaps a cable channel such as The Weather Channel. Several complaints were received regarding poor reception in the County, and the inability to receive Harrisonburg broadcasts.

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<sup>8</sup> Source: *National Cable and Telecommunications Association*; Cable Industry Statistics, as of December 2006; [www.ncta.com](http://www.ncta.com)



Monthly expenses for Pay TV service are much higher than for Internet access; the majority of subscribers are spending between \$51 and \$75 per month for service.



### Voice Services

Voice communication services include regular wired service (also known as ‘plain old telephone service’ or POTS), cellular, and the newer voice service using the Internet (Voice over Internet Protocol or VoIP) as the transport medium. Nationally, more Americans are dropping regular wired service in favor of one or both of the other services presumably as a way to reduce monthly expenditures. The adoption of VoIP services is an important issue, as currently Universal Service Fees and fees for e911 may not be collected on calls made over the Internet depending upon the provider used. Residential subscriber percentages and monthly rates for voice services are reported as follows:

Voice Communication Methods and Spending						
Voice Service	% With Service	% Without Service	Monthly Expenditure			
			No Charge	Under \$35	\$35 to \$75	More Than \$75
Regular (Wired) (4% unknown)	92%	4%	-	36%	51%	13%
Cellular	79%	21%	-	19%	45%	36%
Voice over Internet*	11%	89%	15%	51%	34%	-

\*Includes responses from faster-than-dial-up Internet subscribers only. Service percentage based on numbers of Internet subscribers only.

Industry estimates of VoIP penetration vary widely, but analysts do agree that this form of voice communication is expected to increase in popularity at a rapid rate. One of the more aggressive estimates



is the prediction that VoIP will be used in 62% of broadband households by 2010<sup>9</sup>. Because of the availability of access at no charge using the Internet only (calls do not ever touch the telephone network) the exact numbers of nation-wide subscribers are not known. Hybrid varieties of VoIP that pass calls using the Internet and then connect to the switched telephone network are becoming more widely adopted as cable and telephone companies roll out new packages of fixed price service for unlimited local and long distance calls. Neither Embarq nor Comcast are offering VoIP services in Page County at this time. Comcast does offer a ‘Digital Voice’ product in markets where they have upgraded the cable system infrastructure. National providers such as Vonage offer attractive packages of unlimited calling available to Page County high-speed Internet subscribers.

## 1.6 Overall Residential Satisfaction

Overall, residents in the County are satisfied with their current voice, video, and Internet providers; however, 45% dissatisfaction with current Internet providers or *services available* cannot be ignored. Numerous comments echoed frustration with not having a choice of providers for any of the communication technologies – voice, video or broadband Internet.

	Satisfaction with Current Providers		
	Telephone	Video	Internet
<b>Satisfied</b>	<b>67%</b>	<b>47%</b>	<b>36%</b>
<b>Not Satisfied</b>	<b>19%</b>	<b>24%</b>	<b>45%</b>
<b>No Opinion</b>	<b>14%</b>	<b>29%</b>	<b>19%</b>

In response to the last survey question “**What changes or improvements to communication technology in Page County would best meet your needs?**” 45% of the residential survey group offered comments. A complete list of the comments is included in the Appendix section of this report. In general, the majority of comments addressed the following issues:

- Desire for high-speed Internet access
- Poor cell phone reception
- Poor off-air TV reception
- High cost of all services
- Desire for bundled service offerings (telephone, Internet, TV, and cell for one price)
- Frustration with lack of providers to choose from

<sup>9</sup> IDC, subsidiary of International Data Group; *IDC Anticipates 34 Million More Residential VoIP Subscribers in 2010*; Press Release 13 June 2006; <http://www.idc.com/getdoc.jsp?containerId=prUS20211306>

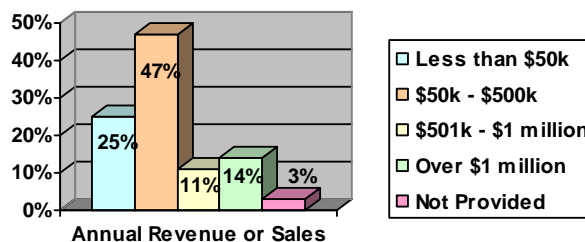




## 1.7 Business Use and Unmet Demand

### Internet Access

Respondents to the business survey are primarily small businesses, employing 1-4 persons with annual revenue or sales of \$50k - \$500k per year. The size and type of responding businesses are represented in [Table 1.7-A](#) on the following page.





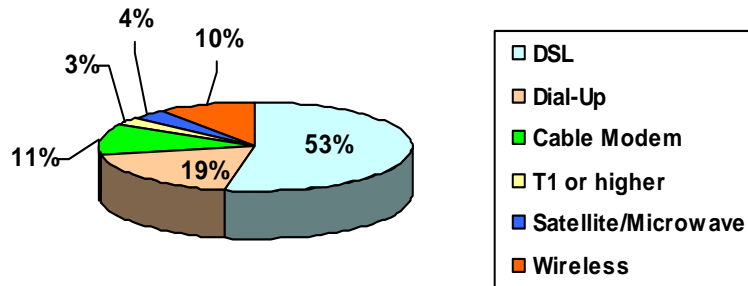
**Table 1.7-A: Businesses by Type and Number of Employees**

% of Response	Business Type	Number of Employees								Total
		None	1-4	5-9	10-19	20-49	50-99	100-249	250 or more	
8%	Accounting/Architectural/Engineering		3 7%	2 10%	1 16.6%	1 15%				7
1%	Agricultural/Forestry/Mining		1 2.2%							1
19%	Business and Personal Services		13 31%	1 5%		2 35%				16
5%	Communication/Technology	1 16.5%	1 2.2%	1 5%		1 15%				4
5%	Contractor or Construction		3 7%	1 5%						4
2%	Education	1 16.5%		1 5%						2
7%	Finance/Insurance/Real Estate	1 16.5%	4 10%	1 5%						6
10%	Healthcare		1 2.2%	2 10%	3 50%			2 100%		8
2%	Hotel/Lodging	1 16.5%	1 2.2%							2
1%	Non-classified		1 2.2%							1
2%	Non-profit			1 5%			1 33%			2
30%	Retail Trade	2 34%	12 29%	9 45%	1 16.6%	2 35%				26
2%	Tourism				1 16.6%		1 33%			2
6%	Wholesale Trade		2 5%	1 5%			1 33%		1 100%	5
<b>Total:</b>		<b>6</b>	<b>42</b>	<b>20</b>	<b>6</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>86</b>
		<b>7%</b>	<b>49%</b>	<b>23%</b>	<b>7%</b>	<b>7%</b>	<b>4%</b>	<b>2%</b>	<b>1%</b>	



The Internet is in use by 81% of all businesses. By number of computers, most (60%) report 1 to 5 workstations with access to the Internet. Digital Subscriber Line (DSL) is the most commonly used method of access among all businesses, regardless of annual revenue or numbers of employees. Current DSL and cable modem bandwidth/speed is considered adequate to meet the needs of 76% of businesses using those methods of access. Access methods in use by all businesses are as follows:

**Business Method of Internet Access**



Dial-up access is still in use by 19% of businesses; these businesses employ no more than nine persons but nearly half report revenue in excess of \$50,000 annually.

This method of access does not meet the needs of 62% of those businesses – connections are too slow and do not provide enough bandwidth. Reasons reported for not subscribing to higher speed access include services not available, but the majority indicates higher speed services are too expensive.

Access to the Internet is considered Very Important or Critical to 58% of businesses surveyed. Business end-users do not seem to know what speeds or amount of bandwidth they are receiving. Overall, the majority state their current method of Internet access is adequate to meet their needs, but 31% assess their current Internet access as inadequate. The majority of businesses using dial-up state speeds are inadequate (62%), and 24% of broadband users (DSL and cable modem) are also dissatisfied with the speed (bandwidth) they are receiving. The majority of dissatisfied businesses are located in Luray.

Only 19% of all businesses with Internet access are Very Satisfied with their current provider; all others express various levels of dissatisfaction.

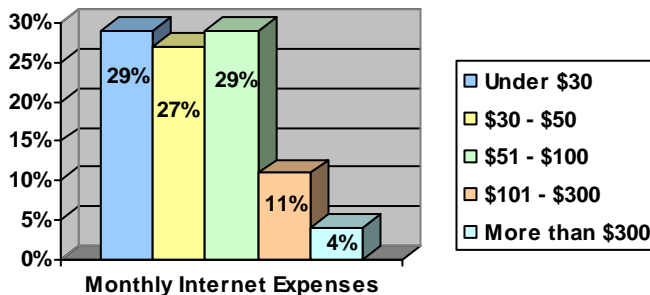
Satisfaction with Current Providers	
	% of All Internet Users
Very Satisfied	19%
Somewhat Satisfied	70%
Somewhat Dissatisfied	7%
Very Dissatisfied	4%



Dissatisfaction is primarily with connection speed and lack of bandwidth. The majority is subscribing to service from local incumbent Embarq. The most frequent comments indicate dissatisfaction with DSL network speeds and high price.

Reasons for Dissatisfaction with Current Providers	
	% of All Internet Users
<b>Poor connection speed, not enough bandwidth</b>	<b>50%</b>
Price too high	37%
Poor customer service	9%
Service is unreliable	16%
Problems with Email	4%

Businesses that currently have no Internet access or do not subscribe to faster-than-dial-up service indicate that price of services is the primary reason, but over 30% of these businesses are simply not interested. Only 17% report services are not available to them.



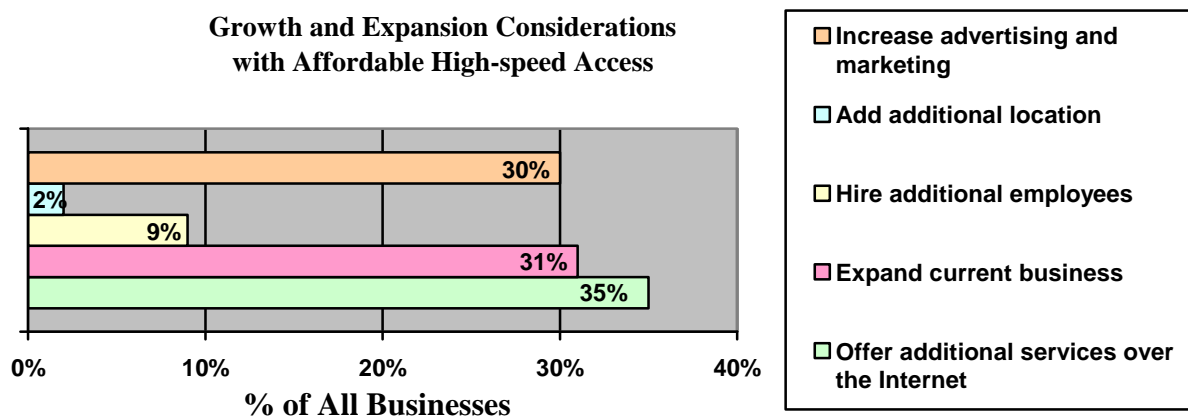
Current monthly expenses for Internet access do not exceed \$50 per month for the majority (56%) of businesses. Only 4% of all businesses report Internet expenses in excess of \$300 per month.

Although 81% of all businesses currently have Internet access and consider access important, it appears many County businesses are not taking full advantage of all the Internet has to offer. Business use of many Internet applications is lower in Page County than that reported in other communities. Some businesses in the County have incorporated the Internet into the daily operation of the business beyond just communicating with employees and customers through email. Tasks such as accounting and banking that can be conducted via online access save the business time and creates efficiency. These efficiencies contribute to the importance of cost-effective and dependable Internet access. The table that follows illustrates how Page County businesses are using the Internet – currently and expected future use. The applications targeted for future use and the percentage of businesses that anticipate incorporating these additional uses into their operations are indicators of the incremental speed and bandwidth that will be required in the near future.



How Businesses Are Using the Internet Current and Future Interest		
Internet Use	Current Use %	Anticipated Future Use %
E-Mail	76%	8%
Communication	70%	8%
Purchasing materials or services	66%	8%
Research	59%	9%
Customer service	50%	16%
Transferring data files	43%	15%
Accounting/Banking	41%	12%
Advertising	41%	20%
Hosting your web site	27%	24%
Distance Learning	21%	17%
On-line sales	19%	20%
Training	17%	24%
VPN connections	8%	14%
Video-conferencing	7%	22%
Telemedicine	5%	8%
Voice service	2%	21%

In contrast to lower-than-expected Internet application usage, 77% of all business survey respondents identified one or more growth opportunities their business would consider if an affordable high-speed Internet service were available to them. The higher percentage of businesses that would consider offering services over the Internet indicates future growth in e-commerce in Page County. Additionally, it appears a strong percentage of businesses understand the value of Internet marketing. Growth and expansion opportunities identified are as follows:



Wireless Internet access has been a rapidly evolving technology with new standards released well ahead of consumer adoption. Until recently, uncertainty existed among consumers as to the security of using this technology to transmit sensitive data. Businesses are beginning to view wireless access as a cost-effective means of connecting branches and accessing the Internet. A majority of all business survey respondents (76%) indicate they are very to somewhat likely to use wireless high-speed Internet access



service if it was available to them. Of businesses that state current Internet speeds and bandwidth is inadequate, nearly all are interested in high-speed wireless access to meet their bandwidth needs.

### **Voice Services**

Businesses were surveyed as to the phone services they are using and their monthly expenditure for each. Most businesses maintain regular telephone lines (99% overall), and the majority are spending between \$101 and \$300 per month for service.

<b>Business Voice Communication Methods and Spending</b>						
<b>Voice Service</b>	<b>% With Service</b>	<b>% Without Service</b>	<b>Monthly Expenditure</b>			
			<b>No Charge</b>	<b>Under \$100</b>	<b>\$100 to \$300</b>	<b>More Than \$300</b>
Regular (Wired)*	90%	6%	-	45%	43%	12%
Cellular	65%	35%	-	54%	36%	10%

\*4% unknown – did not identify

Business cell phone use is not as high in Page County as in other communities where typically 80% or more subscribe to service. While over one-half are spending less than \$100 per month, the rest are spending considerably more. End-users provided numerous comments that expressed frustration with poor cellular coverage throughout the County.

<b>Business Voice Communication Methods and Spending</b>							
<b>Voice Service</b>	<b>% of Internet Subscribers with Service</b>	<b>% Without Service</b>	<b>Monthly Expenditure</b>				
			<b>No Charge</b>	<b>Under \$35</b>	<b>\$35 to \$45</b>	<b>\$46 - \$100</b>	<b>Over \$100</b>
Voice over Internet (VoIP)	13% of Internet subscribers	87%	11%	22%	11%	34%	22%

The greatest advancement in the use of technology for businesses to date is voice over the Internet (VoIP) phone service. Voice traffic is digitized and transported along with data, greatly reducing per call spending. Incumbent telephone providers realize savings as well, and service is available to businesses from local and national providers. Only 13% of businesses with Internet access have adopted this method of voice service.

Like residential VoIP, service is available in a variety of ways. Service for voice calling using only the Internet and never entering the public switched telephone network (PSTN) is available from the national provider Skype. A number of plans are available from this and other providers offering reduced monthly charges for calling plans that include a combination of Internet and PSTN use for voice service.





Businesses nationwide are under increasing pressure to reduce monthly spending on voice communication as most are subscribing to mobile (cellular) service in addition to fixed service at the business's physical location. Business adoption of VoIP nationwide is expected to increase exponentially as a method of reducing high communication costs. Service is increasingly becoming available from facilities-based providers offering higher levels of security and support businesses demand. Voice service is not currently available from incumbent DSL or cable service providers in Page County.

In response to the last business survey question **“What changes or improvements to communication technology in Page County would best meet your needs?”** 38% of the business survey group offered comments. A complete list of the comments is included in the Appendix section of this report. In general, the majority of comments addressed the following issues:

- Desire for increased Internet access speeds, more bandwidth needed
- “Broadband” access specifically requested
- Affordable access options
- DSL or cable modem availability to more areas
- Better cell phone coverage throughout the County

## **1.8 Education and Healthcare Use and Unmet Demand**

When taking steps to make your community attractive to businesses considering relocation options, family quality of life issues will typically weigh-in equally as important as having the right business climate. In addition to recreation and cultural entertainment attractions, two other major considerations are a community's quality of health care and education.

### **Education**

K-12 schools and higher education institutions are eligible to obtain Internet access through NetworkVirginia at state-negotiated rates with local service providers. The Page County school district purchases a partial DS3 (16 Mbps) Internet connection for distance learning and Internet access that is shared between each of the schools. The connection is received at Page County High School and transmitted through a point to point wireless system to each school, relayed off a mountain tower. Bandwidth is allocated between schools on a first come, first served basis. Fiber optics will be used to connect to the new Page County High School. Internal network connections are wired in most schools,



with some wireless in use such as for the mobile computer labs. Computers are located in all classrooms and teachers are actively utilizing technology.

The Page County School District has been actively investing in and implementing technology over the past ten years. A significant technology investment has been made to equip teachers with tools for presentation and instruction. Teachers are using Smart Boards and most recently, small tablet-sized boards to increase their mobility in the classroom. Students have access to computer stations and labs in the classroom. Even third-graders have experienced the use of Palm Pilots to enhance learning. Students attending Page County schools today are tomorrow's tech-savvy adults.

Videoconferencing is used between Luray High School and Page County High School for sharing classes between the schools. While this is an optimum use of technology to more adequately allocate teaching time, videoconferencing uses a greater amount of network bandwidth. Distance learning video programs are available for teachers to use in the classroom, but increased use of these powerful learning tools threaten the availability of precious bandwidth – the School District works constantly to conserve bandwidth shared between all schools. Teachers are ready to utilize additional technology resources for educating students should the bandwidth become available to them. The Page County School District could greatly leverage learning opportunities through technology with an increase in bandwidth at affordable rates.

Lord Fairfax Community College maintains a satellite location in Luray. The LPCC (Luray-Page County Center) current infrastructure includes two T1 links purchased through Network Virginia. The two T1 links provide a total of 3 Mbps of connectivity to support a distance learning room and two classrooms. This amount of bandwidth is sufficient for current needs, but future needs will require an upgrade to higher speeds.

Survey response from the Education sector of the business community represented only 2% of the survey group, and appears to be small businesses working with preschool age children. While currently these businesses have either no access or dial-up access only and do not consider it important to their business, each expressed interest in an affordable wireless service.



## **Healthcare**

Page Memorial Hospital located in Luray serves patients located throughout Page County. The hospital campus includes a physician clinic, and rural health clinics are located in Stanley and Shenandoah. Additionally, the hospital owns and operates a home health agency located off-campus in Luray. The hospital connects to the on-campus clinic via fiber, and subscribes to 5 Mbps DSL service for a connection to the Internet that is currently adequate to meet their needs. Internally, wireless is used in some areas of the hospital for local area network connections (e.g. mobile cart units for patient care). Off-campus clinics and the home health care site connect to the hospital via a 1.5 Mbps DSL service. Access to the hospital servers that house software and record systems is through a virtual private network (VPN) connection.

A secure T1 (1.5 Mbps symmetric bandwidth) connection to University of Virginia (UVA) Health System allows the hospital to utilize teleradiology and telemedicine services. Teleradiology allows the hospital to transmit images to be read by UVA physicians during nights, weekends, and for difficult cases. Telemedicine allows patients to be seen by UVA physicians via real-time video streaming from the Luray facility. Currently the hospital has not implemented the use of electronic medical records, but future plans envision this service implemented either by hospital staff or through a private service provider.

Healthcare providers represented 10% of the business survey group, and nearly all subscribe to DSL service. This business segment reported mixed reviews of satisfaction with current speeds; one half describes their current speed of access adequate to meet their current needs, with the remainder subscribing to 1.5 Mbps service that is inadequate to meet current needs. A gap exists however, in that doctors do not have universal access from their homes as high-speed service is not available in all areas.

Advanced applications in telemedicine, the ability to view higher resolution radiology images and the adoption of new technology and applications by the hospital and local health providers will require higher bandwidth access to the region.

### **1.9 Gap Analysis**

DSL service appears to be unavailable to a large majority of residential consumers. Market survey results indicate current subscribers are all located within a 2-3 mile radius of the telephone central office, the typical service range and maximum reach of DSL equipment. It does not appear that DSL remote equipment has been deployed that would extend the reach to additional subscribers. While dial-up



subscribers are located throughout all of Page County, the largest concentrations of dial up subscribers are located to the north of Luray, through Rileyville and extending north to the Page/Warren County line. Numerous comments from both residential and business subscribers indicate a strong demand for DSL service specifically. Residential DSL subscribers appear to be satisfied with the current service provider; the majority of businesses are subscribing to DSL service, but dissatisfied with current network speeds.

Businesses requiring higher speed access immediately account for 31% of survey respondents and 81% of all businesses express some level of dissatisfaction with current providers. Although the majority of business users were unsure as to how much bandwidth they are currently receiving, the greatest amount of frustration (50%) is attributed to slow speeds and a lack of bandwidth. The majority of businesses dissatisfied with current providers are located in the Luray area.

Local wireless service providers Shenandoah Wireless Broadband Authority (SWBA) and Rural Broadband Network Service (RBNS aka highspeedlink) provided service area coverage information for this report. The stated SWBA coverage area was in agreement with survey respondents subscribing to high speed wireless service as all are located in Shenandoah. The coverage area provided by RBNS indicated wireless service was available to many residents and businesses located outside of the current DSL coverage area. The stated coverage area was in contrast to survey respondents indicating high speed services were not available to them. The results of this analysis indicate wireless coverage does not extend beyond the current DSL service area. Further conversations with RBNS revealed service is dependent on line of sight to serving towers. Areas north of Luray and Rileyville in particular are beyond the reach of current equipment.

The numbers of Page County citizens subscribing to cable service is only 30% of households, and only 11% of both residents and businesses subscribe to cable modem service for high-speed Internet. With low penetration rates for cable TV service, it is unlikely the current cable provider would invest in extending cable infrastructure to reach additional subscribers. Additionally, the cost of cable modem Internet service for non-cable TV subscribers is \$10 per month higher than for cable subscribers and not likely to attract dial-up users currently paying \$20 per month or less.

Price will be a limiting factor in decisions to purchase higher speed services. The majority of residents using dial-up services are dissatisfied with slow speeds, but nearly all spend at or below \$20 per month for service. While most state higher speed services are not available to them, 30% stated high-speed options are too expensive. Of those businesses that are dissatisfied with current providers and service,



37% cite price as a reason. Of those businesses citing price dissatisfaction, 53% are currently paying between \$30 and \$50 per month for DSL, wireless or cable modem service. This indicates significant pressure for new broadband access methods at pricing below current service pricing.

Schools exhibit the greatest bandwidth needs, primarily to access and distribute distance learning resources among individual schools. Current Internet connections (partial DS3, approximately 16 Mbps throughput) are sufficient at this time for Internet access, but currently bandwidth is being conserved. There are distance learning resources available to the schools that can not be utilized without an increase in bandwidth, but current budgets limit increased spending for higher speeds.

The public library branches in Luray, Stanley and Shenandoah could benefit from access to affordable higher speed services, both for connecting to the main library circulation system in Harrisonburg and for Internet access for public computers. The Luray and Shenandoah branches connect to Harrisonburg via a 512 Kbps frame relay connection, and the bandwidth is strained. Since the library circulation system is accessed through the network connection, staff in each library needs a portion of the bandwidth reserved for their use with the remainder sufficient to support fairly constant use by patrons. Beyond bandwidth for Internet access, the libraries are in need of updated, faster computers. Current library hours of operation are during normal working hours, with the exception of one night per week and limited hours on Saturday. The Stanley branch is not open at all on the weekends. This limits access by patrons who have no computer or Internet access at home, particularly students who need the access to complete school assignments and job seekers.

Municipal facilities currently need dedicated bandwidth between sites, including public safety, to enable a secure, cohesive network and Internet access distributed between all facilities. While Internet access is not currently an issue, connectivity between sites using current available technologies is slow and the bandwidth inadequate. Additionally, municipalities are currently unable to offer a number of e-government services that would improve service to the communities.

## **1.10 Response mapping**

Most respondents to the residential and business surveys provided their physical address for mapping purposes. Addresses were geocoded and using GIS techniques, responses to various survey questions were overlaid onto the Page County base map.

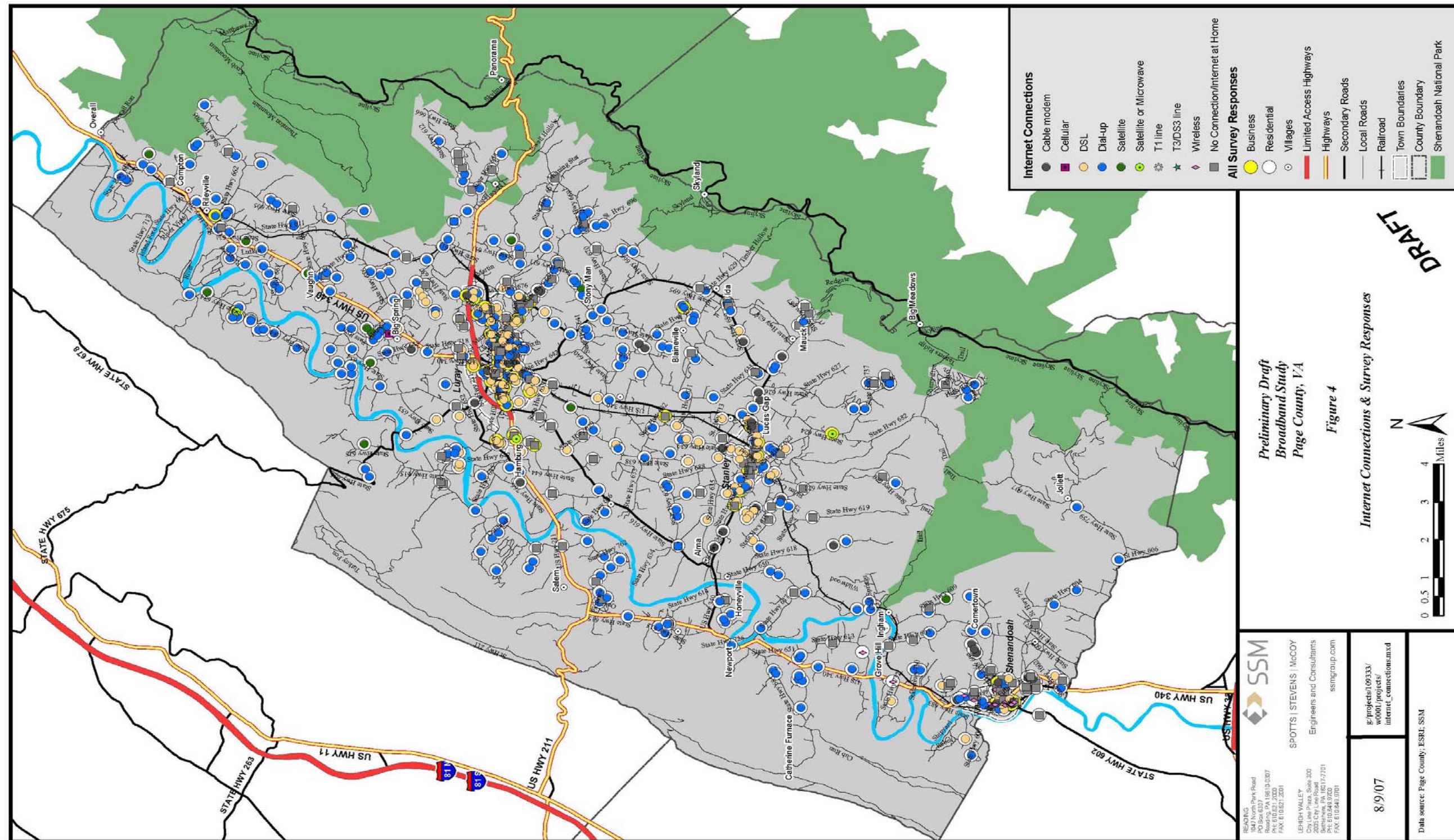


**Figure 4** on the following page identifies the physical location of all residential and business survey respondents that provided address information, and their type of Internet connection. The large numbers of dial-up subscribers are easily identified by the blue dots. DSL subscribers (tan dots) are concentrated within the 2-3 mile areas surrounding the telephone central offices near the center of each town. All wireless subscribers are located in Shenandoah.

**Figure 5**, page 60, identifies residents using the Internet for school or job training (white squares) or to work from home (yellow squares). All residents and businesses that are dissatisfied with current providers and services are represented by black dots. The greatest concentrations of dissatisfaction appear in Luray and continuing north through Rileyville.

**Figure 6**, page 61, depicts the interest in high-speed wireless service by both residents and businesses. The largest concentration of wireless interest by businesses is in Luray, while residents in all parts of the County indicate they are very to somewhat likely to subscribe if service were available. Interestingly, there is a large amount of wireless interest in Shenandoah where wireless service is currently deployed.













**9. If available, please provide more information on past experience with similar projects (similar in size, scope, or design and implementation) among the members of the project team and (to the extent permitted by Virginia law) any potential contractors.**

The Project Team was assembled specifically to meet the requirements of this project, spanning a diverse range of areas of expertise. As previously noted, Page County is unable to provide the specific information on contractors, since we are not permitted to enter the RFQ process until the grant has been provided.

There are five major areas in which management experience and expertise are required:

- Overall project management for contracting, project analysis and communication
- Management of the grant, including timelines charting and verification of grant requirements
- Contracting of vendors and sub-vendors; system design and implementation
- Technical expertise in systems design and management
- Experience within Page County in projects of similar or greater scope

Overall project management is the responsibility of Dr. Tom Cardman, County Administrator for Page County. Dr. Cardman has over 30 years of experience in the management of grant funding and fund accounting, and current manages more than \$180 million in construction and infrastructure projects. In addition, he has direct experience in IT project management as Director of Management and Budget with oversight of Information Technology for Cornell University. Dr. Cardman holds a master's degree in public administration and a doctorate in finance.

Grant Management and support will be provided by Sara Levinson, President of Corecon (established in 1990). Ms. Levinson's twenty years of experience securing government funding spans sectors such as telecommunications, information technologies, aerospace, etc. Ms. Levinson has worked with small and medium-sized enterprises as well as multinationals such as Ericsson, Harris Farinon, Johnson & Johnson, Squibb and Magna International. In her capacity as Chief Operating Officer of Consultech Canada she oversaw initiatives which required financing ranging from \$1,000,000 to \$20,000,000 per project, including the preparation of strategic plans and financial projections; due diligence of internal cost tracking and reporting; and completion of required grant reports. Ms. Levinson graduated With Distinction from Concordia University with a B.A. in Economics and completed an MBA at UWO's School of Business Administration.

Contracting of vendors and sub-vendors, and specific design and implementation of the mid-mile broadband solution, will be provided by David P. McClure. McClure has served for 15 years as President and CEO of the US Internet Industry Association, consulting in the design and implementation of broadband infrastructure, applications and management systems. He has more than six years of experience as the network engineer for two corporate entities, and has extensive experience in network integration, security and communication. As a project manager for BFGoodrich on the NASA Space Shuttle Program (1978 – 1986), he managed the planning, budgeting and implementation of projects in support of the shuttle wheel and brake systems for four shuttles. He holds a degree in Applied Science from the University of Iowa and an MBA in executive management from Kent State University.

Additional experience in system design and implementation will be provided by C. Ronald Keyser, who served for more than 20 years in systems design and support for the US Department of Defense. His core areas of expertise include requirements analysis, system design, and management of contractors to fulfill those requirements. Keyser was appointed to the Broadband Authority for Page County in 2009.

Page County and its managers are currently responsible for a number of similar grant projects, including a Landfill Compliance and Operation contract for more than \$13 million, which used bid contracts via a public procurement protocol for engineering, construction and inspection to bring the landfill into compliance and for current ongoing operation and maintenance of cell closure and opening; a project to design and complete two new schools for more than \$60 million, including fiscal authorization, capital procurement through public debt procedures, advisement on value engineering, management of procedure for issuance of certificates of occupancy for each building; and the design and development of new county administrative offices, which will entail land acquisition, facility design, bidding process for construction, cash management of project.

Additionally Icon, the firm that has been assisting in the planning process is under a continuing services agreement that will allow them to assist in the design and procurement process. Icon is experienced in the design of fiber projects of similar scope, and the president of Icon is a licensed Professional Engineer; Consulting Gateway Corporation (CGC), working in association with Icon has experience in the operation of municipal fiber networks. Keith Hill of CGC is also a licensed Professional Engineer.



Information Request for Page County (EGID 1410) (follow up to SIR Responses):  
Page County response indicated below each question in blue type.

## **BENEFITS & VIABILITY**

1. If available, please provide information about any independent third party research (in addition to the Icon survey) that you considered when deciding on un/underserved areas.

The Icon/Page County market survey results were substantiated by the local last mile providers in regards to current service areas. Specifically: The representative from Embarq (Rich Schollmann, Dir of External Affairs) confirmed DSL availability only within the service reach of the Embarq Central Offices located within the towns of Luray, Stanley and Shenandoah. No remote equipment deployed. John Davis, Comcast Manager of Virginia Enterprise Sales, confirmed Comcast had recently acquired the Page County system from Adelphia and it had not been upgraded to Comcast's standards nor was he aware of any plans to do so in the near future. Cable was only available primarily within each of the town limits (3). Rural Broadband Network Services (RBNS) provides wireless services in limited areas of the county, limited due to the serving towers located on the mountains at the far edges of the County requiring line of sight for service. Alex Phillips, the owner of RBNS provided service maps confirming availability. RBNS is also the operator of the Shenandoah Wireless Broadband Authority in Shenandoah. Mr. Phillips confirmed on multiple occasions his interest in serving the Rileyville area particularly that is currently without DSL or cable service. He had been able to connect 'a handful' of customers on the far southern edge of Rileyville (closer to Luray) that were within clear line of sight, far below 10% of households. Additionally, Shentel (Shenandoah Telecommunications) Director of Sales Willie Purtle confirmed their interest in deploying wireless data services from their current cell towers – service the local cellular provider had not deployed in Page County due to the absence of cost effective backhaul to their towers. All providers confirmed take rates (adoption) of much less than 40% of households passed. Rileyville unserved designation further substantiated through the Virginia Broadband Mapping Project that collected service area information directly from providers: See file: [Page 1410 Broadband Availability Map Rileyville 20100114](#). The Icon market survey captured physical street addresses of respondents that were geocoded; responses were graphically displayed, overlaying methods of access with service areas reported by providers.

The home broadband adoption rates reported in the Icon market study were compared to the national rates for rural areas and low income population reported in the Pew Internet report, Home Broadband 2008 (see report online at <http://www.pewinternet.org/Reports/2008/Home-Broadband-2008.aspx>.) Pew's research indicates:

- 25% of low-income Americans – those whose household incomes are \$20,000 annually or less – reported having broadband at home in April 2008.
- 38% of those living in rural American now have broadband at home



U.S. Department of Housing and Urban Development data indicates 9,296 low to moderate income (LMI) households located throughout the County and comprising over 40% of total households. Each of the five census tracts contain a minimum of one block group of households (total of thirteen block groups) in excess of 51% LMI.

2. There is some inconsistency between the pricing table submitted with the application and pricing submitted as part of the SIR. Please provide guidance on which table to use.

Please use the pricing table submitted as part of the SIR.

3. Point-to-point pricing for anchor institutions (per SIR response) is \$1,200/mo for 45Mbps and for municipal customers is \$100/mo for 10Mbps – please explain the difference.

Anchor institutions are locations that have been identified that require highly reliable bandwidth at reasonable cost. The \$1200/month would provide the local loop from an ISP partner with QOS and other guarantees of uptime. The ISP would actually provide the data portion of the service which would be guaranteed bandwidth, not oversubscribed.

The one type of customer that would actually receive direct Internet service over the Page County network are the municipal customers. They would be provided with a higher Internet bandwidth than the currently have at a reasonable price. The Internet would be oversubscribed to the degree possible consistent with meeting their demands.

4. Small business pricing (per SIR response) is \$30/mo for up to 50Mbps for the “network access for private providers”. Please confirm whether this is an incentive pricing given to local ISPs, or whether it is extended to any small business.

This is primarily the access charge to the ISP partner to deliver service to their customers along the middle mile network.

5. Please provide more detail regarding the proposed dark fiber lease pricing (\$693/fiber pair/year). Please also indicate whether this pricing is available to all customers or particular types of customers; and provide additional details on this planned service offering including the planned length of the fiber connection (if relevant).

As part of the RFI process, Page identified one cellular provider who wishes to lease fiber to interconnect several towers with high bandwidth, reliable connectivity. They expressed their desire to lease dark fiber and provide the network capacity themselves. The path between towers, 19.1 miles was costed and used to develop the annual cost (\$693/fiber pair/mile/per year) which would pay for approximately 20 percent of the construction cost but utilize only a few percent of the fiber. While no other provider has

expressed interest in such an arrangement, it will be made available to others on an open access basis.

6. Your current description of Year 0 in the project plan does not envision any activities. According to the application definition, Year 0 starts with the award – please clarify if that was your understanding while filling in the application.

Please evaluate these and prior responses assuming that award starts with year 1 rather than 0.

7. If available, please provide a more detailed project plan than the one submitted with the application and the SIR.

The project plan (Attachment E) has been revised to include additional detail. See file: [Page 1410 Attach E Project Plan revised 20100115](#).

8. Please describe a planned network capacity at cutover and/or shortly thereafter.

The network is anticipated to be constructed using a PON architecture with a point to point link between two PON cabinets. The current generation GPON equipment provides approximately 2 Gbps bandwidth per blade with that bandwidth typically divided between 1-32 users. At the time of cutover, the network would be expected to have at least 1 blade in two locations, each providing 2 Gbps bandwidth.

9. If available, please provide more information on past experience with similar projects (similar in size, scope, or design and implementation) among the members of the project team and (to the extent permitted by Virginia law) any potential contractors.

Page County to provide summaries of project experience under separate cover. Additionally Icon, the firm that has been assisting in the planning process is under a continuing services agreement that will allow them to assist in the design and procurement process. Icon is experienced in the design of fiber projects of similar scope, and the president of Icon is a licensed Professional Engineer; Consulting Gateway Corporation (CGC), working in association with Icon has experience in the operation of municipal fiber networks. Keith Hill of CGC is also a licensed Professional Engineer.

#### **PRO FORMA FINANCIALS**

10. **Pro Forma Statements:** In reference to Question 50 and Attachment K – Income Statement, Attachment L – Balance Sheet, and Attachment M – Statement of Cash Flows, please provide more detail behind the financial assumptions specifically addressing the following issues:

Attachment K, L & M have been reworked in light of comments made in connection with another application. We believe that this may obviate the need for additional explanations. Specific questions are also discussed in items i to iii below:

- i) **Income Statement:** Please explain why the grant funds are anticipated to be received in year one versus years 1-2 using a reimbursement model. Please provide more detail behind the depreciation schedule used, specifically why the depreciation expense fluctuates between years 2-5.

Most items were depreciated on either a ten or twenty year schedule with the majority of items (fiber optic cable and construction) depreciated over twenty years. For all items the depreciation is straight line with the percentage in years 1 (the actual year the equipment is purchased) and the final year half as much as in other years. As an example, for cable purchased in year 1, the depreciation is 2.5% in years 1 and 21 and 5% in all other years. For cable purchased in year 2, the depreciation is 2.5% in that year and year 22, and five percent in years 3-21. In the previously submitted documents there was an error in the depreciation calculation in years four and five which has been corrected. See file: [Page 1410 Income Statement revised 20100114 sent via email 20100115](#).

- ii) **Balance Sheet:** Please explain why there is \$1,552,907 in accounts receivable and deferred revenue in year one. Please explain why the plant in service is greater than the total project cost in years 2 and beyond. Please provide more detail behind the \$150,000 long term debt listed on the Balance Sheet.

A shortfall in revenue is expected in the first years of operation. The \$150,000 was included as a placeholder against this shortfall. Page County has agreed to fund shortfalls and a letter to that effect has been submitted as part of the due diligence MM SIR response. See file: [Page 1410 Balance Sheet revised 20100114 Sent via email 20100115](#)

- iii) **Statement of Cash Flows:** Please explain why the net increase/decrease in cash is not equal to the sum of cash flow from operations, financing activities, and investing activities. Please explain the deferred grant revenue and deferred matching contribution in flow and out flow in years one and two.

The statement of cash flows has been reworked as discussed in the preamble to this section. See file: [Page 1410 Cash Flow Stmt revised 20100114 Sent via email 20100115](#)

## BUDGET

11. **Network Diagram and Detailed Budget:** In reference to Questions 30 and 45, Attachment D - Network Design, and Attachment G - Detail Project Cost, please provide a more detailed network diagram that will reconcile with the itemized costs within the detailed project budget in Attachment G. (The current version provided has a very low resolution)

As part of the conference call discussion between Page County and the reviewers on January 13, 2010, it was mentioned that this question may be resolved with a legible copy of the network design diagram (became illegible during the upload process). This diagram is being attached as a bit map diagram via email to Mr. McConnaughey to avoid the problems encountered when it was converted to a pdf through the Easy Grants upload process. If more information is requested after review of the diagram, supplemental responses will be included as requested. See file: [Page 1410 Network Diagram.ppt Sent via email 20100115](#)

- 12. Detail of Project Costs:** In reference to Question 45 and Attachment G: Detail of Project Costs, please review the calculations for Outside Plan – Cables, Professional Services – Engineering Design, and Professional Services – Project Management as there seem to be mathematical errors.

The table has been reworked to correct the mathematical errors and is being resubmitted. See file: [Page 1410 Attach G Detail Project Cost revised 20100114](#)

#### **MATCHING FUNDS**

- 13. Financial Match:** In reference to Question 52, please provide more detail regarding the valuation of the \$212,235 in-kind matching fund contribution and when the \$200,000 cash match is expected to be received from the Commonwealth of Virginia Department of Housing and Community Department.

The County has committed to funding all of the required local match for this project (\$413,640) as documented in the file [PageCo 1410 Matching Funds Commitment.pdf](#) provided to the reviewers in December. After a review of the County's response to Question 52 in the original application, we can see that the information was entered incorrectly. There is no in-kind contribution source; the amount of \$213,640 should have been included as cash.

We understood at the time of application that the \$200,000 grant funding request to the Virginia Department of Housing and Community Development could not be considered since it had not been awarded. That grant is based on activities benefiting the low to moderate income population for project activities that will utilize the broadband middle mile infrastructure. Based on that understanding, the County Board of Supervisors confirmed their intent to fund the 20% required local match of \$413,640.

All of the application's supporting documentation of project costs have consistently reflected a total project cost of \$2,068,201. The amount entered on the application, Question 44 Budget, was incorrect. The correct amount of the allowable capital costs for this project is \$2,068,201.

**PAGE COUNTY BROADBAND AUTHORITY  
EASY GRANTS ID 1410**

**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>	•
Year 1	Qtr. 1	<ul style="list-style-type: none"> <li>Authorization to proceed with design</li> <li>Start Strand Mapping of Fiber</li> <li>Design Consulting on Project</li> <li>Meetings with Pole Owners</li> <li>Meetings with DOT</li> </ul>	•
	Qtr. 2	<ul style="list-style-type: none"> <li>Continue Strand Mapping and Make-Ready Recommendations</li> <li>Start RFP Development</li> <li>Complete Permitting Drawings</li> <li>Finalize Tower Sites</li> </ul>	<ul style="list-style-type: none"> <li>Project Mileston—Completion of Strand Mapping and Make-Ready allows Utilities to evaluate and let contracts for make-ready construction</li> </ul>

**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

	Qtr. 3	<ul style="list-style-type: none"><li>• Continue RFP Development</li><li>• Start Detailed Design</li><li>• Finish Strand Mapping</li><li>• Submit Detailed Make-Ready Recommendations to Utilities</li><li>• Issue RFPs for Electronics</li></ul>	<ul style="list-style-type: none"><li>• Same as above</li></ul>



**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

	Qtr. 4	<ul style="list-style-type: none"> <li>• Finish Detailed Design Drawings</li> <li>• Select and Order Networking Gear and Some Cable and other Materials</li> <li>• Issue Permit Drawings to DOT</li> <li>• Receive DOT approval</li> <li>• Start Make-Ready Construction</li> <li>• Award Construction Contracts</li> </ul>	<ul style="list-style-type: none"> <li>• Project Milestone—DOT approval allows for start of Aerial Cosntruction</li> <li>• DOT Approval allows start of UG construction</li> </ul>
Year 2	Qtr. 1	<ul style="list-style-type: none"> <li>• Finish Make-Ready Construction</li> <li>• Start Aerial and Underground Construction</li> <li>• Purchase Remaining Materials</li> <li>• Set Hut and Towers</li> </ul>	
	Qtr. 2	<ul style="list-style-type: none"> <li>• Install Central Office Networking Gear</li> <li>• Continue Outside Plant Construction</li> <li>• Install First ONT to County facility</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Schedule is believed to be conservative. Under optimum conditions construction could be completed by one aerial crew in 20-30 days; UG in 20-30 days. Three month schedule allows for problems associated with winter or other conditions; also delays in approvals</li> </ul>
	Qtr. 3	<ul style="list-style-type: none"> <li>• Finish Outside Plant Construction</li> <li>• Continue Network Startup</li> <li>• Finish ONT installation</li> </ul>	<ul style="list-style-type: none"> <li>• Milestone—Conmpletion of Outside plant fiber signals end to major construction;</li> <li>• Mileston—Network Operational</li> </ul>
	Qtr. 4	<ul style="list-style-type: none"> <li>• Cosntruction Contract Closeouts</li> <li>• Final Testing</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
	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>

**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

Year 3			
	Qtr. 3	•	•
	Qtr. 4	•	•

The key challenges to this project will come from potential delays associated with:

- Delays in obtaining approvals from electric utilities to utilize their poles for attachments
- Potential delays associated with environmental assessments

We have attempted to minimize these potential issues by using conservative scheduling and placing towers and other infrastructure only in previously disturbed earth or along DOT rights of way. By producing a doable two year schedule, the project has the fourth quarter year two to utilize should unexpected delays occur.

## ATTACHMENT E (CONTINUED) – BUILD-OUT TIMELINE

[illegible]

**PAGE COUNTY BROADBAND AUTHORITY**  
**EASY GRANTS ID 1410**

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.



## Budget Narrative

**Applicant Name: Page County Broadband Authority**

**EasyGrants Number: 1410**

**Organization Type (from Question 1D on BTOP application): Local, State or Other Government Entity**

**Proposed Period of Performance: 2010-2011 (8 Quarters)**

**Total Project Costs: \$2,061,176**

**Total Federal Grant Request: \$1,648,941**

**Total Matching Funds (Cash): \$412,235**

**Total Matching Funds (In-Kind): \$0**

**Total Matching Funds (Cash + In-Kind): \$412,235**

**Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 20%**

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### **1. Administrative and legal expenses**

This section consists of the following items from the "Detail of Project Costs":

<b>Detailed Project Cost</b>						
<b>Service Area</b>	<b>Sub-Category</b>	<b>Item Detail</b>	<b>Unit Rate</b>	<b>Budget Units</b>	<b>Extended Cost</b>	<b>Total</b>
Professional Services	Project Management	Project Oversight & Compliance	\$125/hour	485 Hours	60,625	
		RFP Development, analysis	\$145/hour	80 hours	11,600	
		Labor compliance	\$ 75/hour	87.2 hours	6,540	
		Legal Fees	\$200/hour	20 hours	4,000	
Service Area Subtotal						82,765
<b>Cost Classification Total</b>						<b>\$82,765</b>



Project oversight and compliance will consist of an engineer reviewing monitoring the course of the project, monitoring for contract compliance and handling day to day changes in the project.

There will be two RFPs developed and issued, one for major construction and one for network electronics. RFP development, analysis will include the development of these RFPs by a senior engineer, evaluation and award. Labor compliance will include a review of pay schedules and reimbursements to comply with Federal regulations. Legal assistance will be used on a contract basis to assist in questions regarding the RFPs and other contractual issues.

The administrative and legal assistance that comprise this budgeted category are provided by third party firms under contract. There are no allocated hours included for County staff. Cash matching funds for the Admin and Legal category has been calculated as twenty percent of the total capital cost for this item.

## **2. Land, structure, rights-of-way, appraisals, etc.**

Detailed Project Costs						
Service Area	Sub-Category	Item Detail	Unit Rate	Budget Units	Extended Cost	Total
Outside Plant	Towers	60 ft Tower (turnkey install)	\$25,567	1	25,567	
Service Area Subtotal						25,567
Cost Classification Total						\$25,567

Cost for this item consists of a tower to be built on County owned property. This tower consists of a 60 ft self supporting with fencing. Cost is estimated based on similar items specified for similar projects and include fencing and erection (as a turn key bid) but not land.

Cash matching funds is calculated as twenty percent of the total capital cost for this item.

## **3. Relocation expenses and payment**

**There are no relocation expenses proposed for this project.**





#### **4. Architectural and engineering fees**

<b>Detailed Project Cost</b>						
<b>Service Area</b>	<b>Sub-Category</b>	<b>Item Detail</b>	<b>Unit Rate</b>	<b>Budget Units</b>	<b>Extended Cost</b>	<b>Total</b>
Professional Services	Engineering Design	Detail Fiber Design	\$2300/mile	39 miles	89,700	
		Strand mapping, road GPS	\$1200/mile	34 miles	40,800	
		Make Ready Engineering	\$840/mile	34 miles	28,560	
	Consulting	Design Consulting	\$145/hour	50 hours	7,250	
		Permits, environmental review	\$150/hour	35 hours	5,250	
Service Area Subtotal						171,560
<b>Cost Classification Total</b>						<b>\$ 171,560</b>

Engineering fees consist of strand mapping, make-ready engineering, fiber design and permitting engineering. Totals were based on the mileage to be designed at unit pricing per mile of \$2300 for detailed fiber design, \$1200 for strand mapping and GPS of the aerial route and \$840 for make ready engineering. These are reasonable for a project of this scope and magnitude. Additional Design Consulting (50 hours at \$145/hr) and environmental assessments and permitting (35 hours @ \$150/hr) are included in this section.

Cash matching funds is calculated as twenty percent of the total capital cost for this item.

#### **5. Other architectural and engineering fees**

**There were no other architectural and engineering fees identified for this project.**

**6. Project inspection fees**

<b>Detailed Project Cost</b>						
<b>Service Area</b>	<b>Sub-Category</b>	<b>Item Detail</b>	<b>Unit Rate</b>	<b>Budget Units</b>	<b>Extended Cost</b>	
Professional Services	Other	Quality Control (inspection)	\$52.50/hour	1100 hours	57,750	
Service Area Subtotal						57,750
<b>Cost Classification Total</b>						<b>\$57,750</b>

Project inspection fees are based on an estimated total number of construction hours with an on-site inspector present for the entire process. The per hour fee of \$52.50 is typical for this type of inspection and the 1100 hours is indicative of the entire project schedule.

Cash matching funds is calculated as twenty percent of the total capital cost for this item.

**7. Site work**

Major site work is not required in this project. Minimal grading to level slab and the erection of fencing around the tower will be required and costs are included in the total of "Towers" in the DPC table and Budget Category 2 (above). This cost is not allocated separately as it will be bid as a turn key install. The budget provided is in line with current vendor estimates for the tower proposed, and those used in similar projects.

**8. Demolition and removal**

There is no demolition or removal activities proposed for this project.

**9. Construction**

<b>Detailed Project Cost</b>						
<b>Service Area</b>	<b>Sub-Category</b>	<b>Item Detail</b>	<b>Unit Rate</b>	<b>Budget Units</b>	<b>Extended Cost</b>	<b>Total</b>
Outside Plant	Cables	OSP construction labor	\$4.924	206783.7 feet	1,018,203	
Service Area Subtotal						1,018,203
<b>Cost Classification Total</b>						<b>\$1,018,203</b>



Construction consists of make-ready (the process of readying the poles to accommodate attachments) that is performed under the direction of the utility owning the poles, the hanging of strand, hanging of aerial fiber, plowing and directional bore of underground fiber, pulling of fiber through conduit, installation of vaults and splice closures. Fiber will be spliced to provide optical continuity from end to end of the network. The costing was developed using industry standard per foot charges and the total footages for each type of construction to develop the overall construction cost.

Make-ready labor costs are based on our estimate of the hours per mile for make-ready (28) times the labor cost per mile for a typical make-ready crew (R.S. Means Heavy Construction cost data—3 man crew with equipment at \$1523/shift). Labor to install fiber and strand (aerial) is estimated at \$1.05/ft based on pricing for similar projects. Similarly, splicing is estimated at \$20/splice and directional bore at \$15/foot.

Fiber and splice closure pricing were obtained from equipment vendors (OFS, 96 count \$0.82/foot loose tube fiber and Tyco, B150 closures \$200 each). Miscellaneous hardware (strand (.19/ft), miscellaneous pole (.25/ft) and underground hardware (\$2./ft)) were obtained based on our knowledge of similar projects.

All construction will be provided by an outside contractor selected via a competitive bid process.

Cash matching funds is calculated as twenty percent of the total capital cost for this item.

## 10. Equipment

Detailed Project Cost						
Service Area	Sub-Category	Item Detail	Unit Rate	Budget Units	Extended Cost	Total
Outside Plant	Cables	All OSP materials: fiber, attachment hardware, splice points, etc.	\$2.176	206,783.7 feet	449,961	
Service Area Subtotal						\$449,961
Network & Access Equipment	Routing	Internet Routers	\$14,750	1	14,750	
	Transport	Pt to Pt data Backhaul	\$4,000	2	8,000	
	Access	Optical Line Terminals et all	\$43,000	1	43,000	
		Mini Optical Line Terminal	\$16,750	1	16,750	
Service Area Subtotal						\$82,500
Customer Premise Equipment	Other	Optical network terminals, install. & drop connection	\$1440.00	78	112,320	
Service Area Subtotal						\$112,320



Billing Support & Operations System Support	Other Support	Network OSS mgmt & provisioning	\$25,000	1	25,000	
Service Area Subtotal						\$25,000
Testing	Servers and Computers	Data storage & servers	\$11,250	2	22,500	
Service Area Subtotal						\$22,500
Professional Services	Consulting	Network integration & turn up	\$145/hour	90 hours	13,050	
Service Area Subtotal						\$13,050
<b>Cost Classification Total</b>						<b>\$705,331</b>

The equipment includes all of the outside plant hardware required for this project including fiber optic cable, strand, splice closures, vaults and miscellaneous items needed to create the network, priced on a per unit basis and summed to the total outside plant for the project (listed as All Outside Plant Materials in the "Outside Plant Cables" section of the DPC table).

Additionally, this item includes optical network terminals ("Customer Premises Equipment"), all of the items enumerated in the "Network and Access Equipment" and the items under "Servers/Computers". That equipment is needed to either route Internet traffic (Routers) or operate the network (Optical line terminals, Point to Point routers and fiber hubs). All of the equipment is being purchased.

Finally, the equipment includes manufacturer's startup support ("Network Integration and turn-up, 90 hours \$ 145/hr in the DPC table)

The actual networking equipment (Optical line terminal, Optical network terminals) are based on current pricing on other Icon projects provided by PON (passive optical network) vendors such as Enablence and Alcatel. While prices vary slightly from vendor to vendor, outdoor ONTs are approximately \$500 each. The installation, particularly in commercial or institutional occupancies is more than the ONT costing approximately \$1000-\$1500 plus miscellaneous hardware. OLTs consist of a rack mounted device capable of handling various numbers of blades with each blade capable of handling up to approximately 132 customers. The basic OLT costs approximately \$11,000 without blades increasing by approximately \$11,000 for each blade added. The provisioning of Internet access requires the addition of several servers (DNS, Radius at an approximate cost of \$11,250). Pricing for Internet equipment was based on discussions with vendors concerning their product lines and approximate price.

Point to Point backhaul equipment was priced for a similar project.

Cash matching funds is calculated as twenty percent of the total capital cost for this item.



## **11. Miscellaneous**

There are no miscellaneous items proposed for this project.

## **Addendum**

There are no indirect costs associated with this project budget. All costs for administrative and legal services are directly billable to a contracted source providing services on behalf of the County.

## General Budget Overview

[illegible]



## 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>					<b>\$82,500</b>	
<b>Switching</b>					0	Costs used are representative of multiple vendor equipment used in similar projects.
					0	
					0	
<b>Routing</b>	Internet Routers	Yes	14,750.00	1.00	14,750	
					0	
					0	
<b>Transport</b>	Point to point data backhaul	Yes	4,000.00	2.00	8,000	
					0	
					0	
<b>Access</b>	Optical Line Terminals with supporting power supplies and hardware	Yes	43,000.00	1.00	43,000	
	Mini optical line terminal	Yes	16,750.00	1.00	16,750	
					0	
<b>Other</b>					0	
					0	
					0	
<b>OUTSIDE PLANT</b>					<b>\$1,493,731</b>	
<b>Cables</b>	All Outside Plant Materials	Yes	2.176	206,783.70	449,961	Quantities required are based on engineering assessment and conceptual network design, augmented by on-site make ready engineering analysis. Loose tube & armored cable with hardware, vaults & make-ready. Includes 25 vaults, 233 splice closures, 1620 splices & all other outside plant hardware.
	OSP Construction Labor	Yes	4.924	206,783.70	1,018,203	
					0	
<b>Conduits</b>					0	
					0	
					0	
<b>Ducts</b>					0	
					0	
					0	
<b>Poles</b>					0	
					0	
					0	
<b>Towers</b>	60' self supporting tower		25,567.00	1.00	25,567	Cost is representative of tower cost incurred in similar projects. Turn key install.
					0	
					0	
<b>Repeaters</b>					0	
					0	
					0	
<b>Other</b>					0	
					0	
					0	

SERVICE AREA or COMMON NETWORK FACILITES:		Eligibility (Yes/No)	Unit Cost	No. of Units	Total Cost	Support of Reasonableness
BUILDINGS					\$0	
New Construction					0	
					0	
					0	
Pre-Fab Huts					0	
					0	
					0	
Improvements & Renovation					0	
					0	
					0	
Other					0	
					0	
					0	
CUSTOMER PREMISE EQUIPMENT					\$112,320	
Modems					0	
					0	
					0	
Set Top Boxes					0	
					0	
					0	
Inside Writing					0	
					0	
					0	
Other	Optical network terminals, installation and drop connection	Yes	1,440.00	78.00	112,320	Costs used are representative of multiple vendor equipment used in similar projects.
					0	
					0	
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS					\$25,000	
Billing Support Systems					0	
					0	
					0	
Customer Care Systems					0	
					0	
					0	
Other Support	Network OSS for network management and provisioning	Yes	25,000.00	1.00	25,000	Costs used are representative of multiple vendor equipment used in similar projects.
					0	
					0	

SERVICE AREA or COMMON NETWORK FACILITIES:		Eligibility (Yes/No)	Unit Cost	No. of Units	Total Cost	Support of Reasonableness
<b>OPERATING EQUIPMENT</b>					<b>\$0</b>	
Vehicles					0	
					0	
					0	
Office Equipment / Furniture					0	
					0	
					0	
Other					0	
					0	
					0	
<b>PROFESSIONAL SERVICES</b>					<b>\$325,125</b>	
Engineering Design	Fiber design	Yes	\$2,300.00	39.00	89,700	Engineering & design units are based on engineering assessment and conceptual network design, augmented by on-site make ready engineering analysis. Standard industry practice is to bill by the mile, hence the units indicated are miles (fiber design, strand mapping, GPS) billed at rates competitive with similar projects. Mileage differs between road mileage and premise mileage. Billing rates and budgeted hours (units) for project management, consulting and legal assistance are typical for similar projects of this magnitude.
	Strand mapping, road GPS	Yes	\$1,200.00	34.00	40,800	
	Make ready engineering	Yes	\$840.00	34.00	28,560	
Project Management	Project oversight, compliance	Yes	\$125.00	485.00	60,625	
	RFP development, analysis	Yes	\$145.00	80.00	11,600	
	Labor Compliance	Yes	\$75.00	87.20	6,540	
Consulting	Network integration & turn up	Yes	\$145.00	90.00	13,050	
	Design consulting	Yes	\$145.00	50.00	7,250	
	Permits, environmental studies	Yes	\$150.00	35.00	5,250	
Other	Quality control (inspection)	Yes	\$52.50	1,100.00	57,750	
	Legal assistance	Yes	\$200.00	20.00	4,000	
<b>TESTING</b>					<b>\$22,500</b>	
Network Elements					0	
					0	
					0	
IT System Elements					0	
					0	
					0	
User Devices					0	
					0	
					0	
Test Generators					0	
					0	
					0	
Lab Furnishings					0	
					0	
					0	
Servers / Computers	Data storage & servers	Yes	\$11,250.00	\$2.00	22,500	Costs used are representative of multiple vendor equipment used in similar projects.
					0	
					0	

SERVICE AREA or COMMON NETWORK FACILITIES:		Eligibility (Yes/No)	Unit Cost	No. of Units	Total Cost	Support of Reasonableness
OTHER UPFRONT COSTS					\$0	
Site Preparation					0	
					0	
					0	
Other					0	
					0	
					0	
PROJECT TOTAL:					\$2,061,176	

**APPLICANT'S NAME: Page County Broadband Authority #1410**

**BUDGET INFORMATION - Construction Programs**

*NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.*

<b>COST CLASSIFICATION</b>	<b>a. Total Cost</b>	<b>b. Matching Funds (Cash)</b>	<b>c. Matching Funds (In-Kind)</b>	<b>d. Federal Funding Request (Columns a-b-c)</b>
1. Administrative and legal expenses	\$82,765	\$16,553	\$0	\$66,212
2. Land, structures, rights-of-way, appraisals, etc.	\$25,567	\$5,113	\$0	\$20,454
3. Relocation expenses and payments	\$0	\$0	\$0	\$0
4. Architectural and engineering fees	\$171,560	\$34,312	\$0	\$137,248
5. Other architectural and engineering fees	\$0	\$0	\$0	\$0
6. Project inspection fees	\$57,750	\$11,550	\$0	\$46,200
7. Site work	\$0	\$0	\$0	\$0
8. Demolition and removal	\$0	\$0	\$0	\$0
9. Construction	\$1,018,203	\$203,641	\$0	\$814,562
10. Equipment	\$705,331	\$141,066	\$0	\$564,265
11. Miscellaneous	\$0	\$0	\$0	\$0
12. SUBTOTAL (add #1 through #11)	\$2,061,176	\$412,235	\$0	\$1,648,941
13. Contingencies	\$0	\$0	\$0	\$0
14. SUBTOTAL (add #12 and #13)	\$2,061,176	\$412,235	\$0	\$1,648,941
15. Project (program) income	\$0	\$0	\$0	\$0
<b>16. TOTAL PROJECT COSTS (subtract #15 from #14)</b>	<b>\$2,061,176</b>	<b>\$412,235</b>	<b>\$0</b>	<b>\$1,648,941</b>
<b>FEDERAL FUNDING</b>				
17. Federal assistance requested, calculated as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			Enter eligible costs from line 16a Multiply X 20%	\$412,235