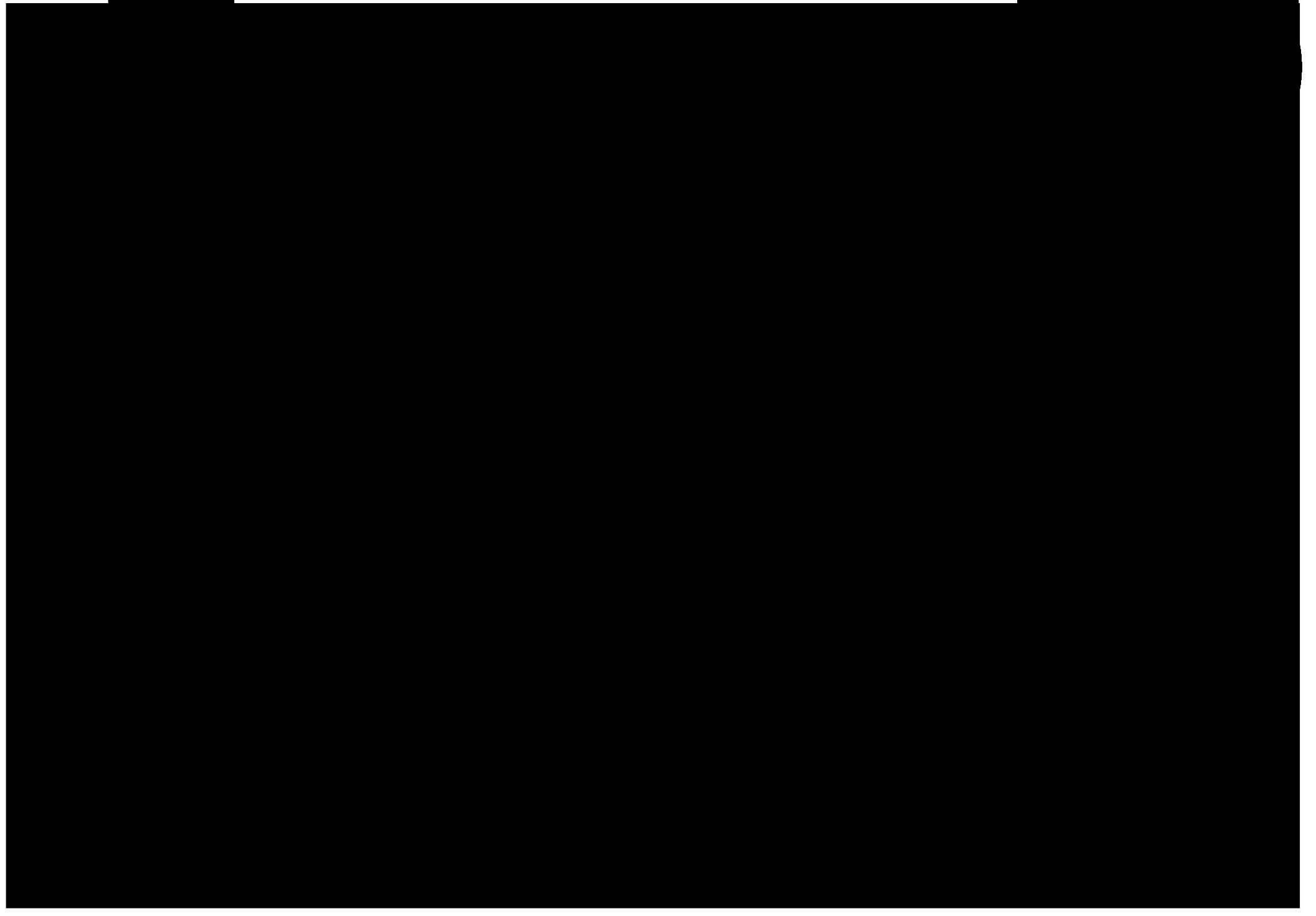


Middle Mile Network Backbone and ROADM Nodes



Node Name	Network Element	Service PFSA	Port Speed	Port Payload	Element Location (Lat/Long)	Existing or New	Estimated Voice/Video/Data Payloads (Mbps)	# Premises Served
	Backbone/Last Mile		100Gbps	10Gbps	W 82 3 2.79 N 36 44 48.57	New	2.4Gbps	311
	Backbone/Last Mile		100Gbps	10Gbps	W 82 3 2.79 N 36 44 48.57	New	2.4Gbps	87
	Backbone/Last Mile		100Gbps	10Gbps	W81 46 52 N 36 46 09	New	2.4Gbps	1046
	Backbone/Last Mile		100Gbps	10Gbps	W81 46 52 N 36 46 09	New	2.4Gbps	131
	Backbone/Last Mile		100Gbps	10Gbps	W81 46 52 N 36 46 09	New	2.4Gbps	243
	Backbone/Last Mile		100Gbps	10Gbps	W 82 2 3.9058 N 37 1754.4122	New	2.4Gbps	1107
	Backbone/Last Mile		100Gbps	10Gbps	W 82 2 3.9058 N 37 1754.4122	New	2.4Gbps	247
	Backbone/Last Mile		100Gbps	10Gbps	W 81 5737 8367 N 37 054.9081	New	2.4Gbps	729
	Backbone/Last Mile		100Gbps	10Gbps	W 81 5737 8367 N 37 054.9081	New	2.4Gbps	454
	Backbone/Last Mile		100Gbps	10Gbps	W 81 5737 8367 N 37 054.9081	New	2.4Gbps	1036
	Backbone/Last Mile		100Gbps	10Gbps	W 81 37 36.76 N 36 55 10.62	New	2.4Gbps	1132
	Backbone/Last Mile		100Gbps	10Gbps	W 81 3245.395 N 37 844.5711	New	2.4Gbps	1373
	Backbone/Last Mile		100Gbps	10Gbps	W 81 7 22.24 N 37 5 57.91	New	2.4Gbps	391
	Backbone/Last Mile		100Gbps	10Gbps	W 81 59.089 N 36 42.484	Existing	2.4Gbps	1167
	Backbone/Last Mile		100Gbps	10Gbps	W 81 59.089 N 36 42.484	Existing	2.4Gbps	1443
	Backbone/Last Mile		100Gbps	10Gbps	W 81 25.548 N 36 51.818	Existing	2.4Gbps	473
	Backbone/Last Mile		100Gbps	10Gbps	W 81 15.827 N 37 14.045	Existing	2.4Gbps	140
	Backbone/Last Mile		100Gbps	10Gbps	W 82 18.272 N 36 53.460	Existing	2.4Gbps	247
	Backbone/Last Mile		100Gbps	10Gbps	W 82 18.272 N 36 53.460	Existing	2.4Gbps	552
	Backbone/Last Mile		100Gbps	10Gbps	W 82 26.532 N 37 08.663	Existing	2.4Gbps	366

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$756,000	\$189,000		\$945,000	\$945,000		\$945,000
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$19,228,873	\$4,807,218	\$8,955,377	\$32,991,468	\$32,991,468		\$32,991,468
Buildings and Land – (new construction, improvements, renovations, lease)	\$280,000	\$70,000		\$350,000	\$350,000		\$350,000
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)				\$0			\$0
Billing and Operational Support Systems (IT systems, software, etc.)				\$0			\$0
Operating Equipment (vehicles, office equipment, other)	\$144,000	\$36,000	\$0	\$180,000	\$180,000		\$180,000
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$2,229,137	\$557,284		\$2,786,421	\$2,786,421		\$2,786,421
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)				\$0			\$0
Site Preparation				\$0			\$0
Other	\$60,000			\$60,000	\$60,000		\$60,000
TOTAL BROADBAND SYSTEM:	\$22,698,010	\$5,659,502	\$8,955,377	\$37,312,889	\$37,312,889	\$0	\$37,312,889
Cost Share Percentage:	60.83%	15.17%	24.00%				

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

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Cash Match Amount	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT						\$1,020,000		\$0	\$1,020,000	\$1,020,000		
Switching						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Routing						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Transport						\$0	\$0			\$0		
						\$0	\$0			\$0		
Access		Cash Match	20.00%			\$71,680	\$71,680		\$358,400	\$358,400	10. Equipment	Access to Last Mile Network
		Cash Match	20.00%			\$56,000	\$56,000		\$280,000	\$280,000	10. Equipment	Interfaces Backbone to GPON
		Cash Match	20.00%			\$61,320	\$61,320		\$306,600	\$306,600	10. Equipment	1 GB Lasers
Other	Spare Electronics	Cash Match	20.00%			\$15,000	\$15,000		\$75,000	\$75,000	10. Equipment	Spare Cards, Shelves for network electronics
						\$0	\$0			\$0		
						\$0	\$0			\$0		
OUTSIDE PLANT						\$33,066,468	\$0	\$0	\$33,066,468	\$33,066,468		
Cables	Aerial Fiber	Cash Match	20.00%			\$1,053,073	\$210,615		\$1,053,073	\$1,053,073	9. Construction	21 Miles of fiber at \$50,257 per mile
	Buried Fiber	Cash Match	20.00%			\$22,983,018	\$4,596,604		\$22,983,018	\$22,983,018	9. Construction	366.2 Miles of fiber at \$62,757 per mile
	Buried Fiber	In-kind Match				\$7,422,152	\$0		\$7,422,152	\$7,422,152	9. Construction	Existing Fiber Network
						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Conduits						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Ducts						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Poles						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Towers						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Repeaters						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Other	Fiber Inventory	Cash Match	20.00%			\$75,000	\$15,000		\$75,000	\$75,000	9. Construction	Spare fiber needed for maintenance and repairs
	Rights-of-Way	In-kind Match				\$1,533,225	\$0		\$1,533,225	\$1,533,225	9. Construction	VDOT Rights-of-Way
						\$0	\$0			\$0		
							\$0					
							\$0					
BUILDINGS						\$350,000	\$0	\$0	\$350,000	\$350,000		
New Construction						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Pre-Fab Huts	Pre-fab Hut, Installed	Cash Match	20.00%			\$350,000	\$70,000		\$350,000	\$350,000	2. Land, structures	Hut with Power, racks
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Improvements & Renovation						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Other						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
CUSTOMER PREMISE EQUIPMENT						\$0	\$0	\$0	\$0	\$0		
Modems						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Set Top Boxes						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Inside Wiring						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Other						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS						\$0	\$0	\$0	\$0	\$0		
Billing Support Systems						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Customer Care Systems						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		
Other Support						\$0	\$0			\$0		
						\$0	\$0			\$0		
						\$0	\$0			\$0		

General Budget Overview Total \$0 Check: \$1,020,000

\$0 \$33,066,468

\$0 \$350,000

\$0 \$0

\$0 \$0

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	\$0	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness		
OPERATING EQUIPMENT						\$30,000	\$0	\$0	\$30,000	\$30,000			\$0	\$30,000
Vehicles						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Office Equipment / Furniture						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Other	Test Equipment	Cash Match	20.00%			\$30,000	\$6,000		\$30,000	\$30,000	10. Equipment	Fiber Test Equipment		
						\$0	\$0			\$0				
						\$0	\$0			\$0				
PROFESSIONAL SERVICES						\$2,786,421	\$0	\$0	\$2,786,421	\$2,786,421			\$0	\$2,786,421
Engineering Design	Engineering	Cash Match	20.00%			\$1,388,150	\$277,630		\$1,388,150	\$1,388,150	4. Architectural and en	Equals 6% of Fiber Construction costs		
	Inspection	Cash Match	20.00%			\$638,338	\$127,668		\$638,338	\$638,338	6. Inspection fees	Equals 2% of Fiber Construction costs		
						\$0	\$0			\$0				
Project Management	Project Management	Cash Match	20.00%			\$759,933	\$151,987		\$759,933	\$759,933	1. Admin and Legal	Equals 3% of Fiber Construction costs		
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Consulting						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Other						\$0	\$0		\$0	\$0	11. Misc.	Grant Preparation Costs		
						\$0	\$0			\$0				
						\$0	\$0			\$0				
TESTING						\$0	\$0	\$0	\$0	\$0			\$0	\$0
Network Elements						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
IT System Elements						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
User Devices						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Test Generators						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Lab Furnishinas						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Servers/Computers						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
OTHER UPFRONT COSTS						\$60,000	\$0	\$0	\$60,000	\$60,000			\$0	\$60,000
Site Preparation						\$0	\$0			\$0				
						\$0	\$0			\$0				
						\$0	\$0			\$0				
Other	Grant Preparation	Cash Match	0.00%			\$60,000	\$0		\$60,000	\$60,000	1. Admin and Legal	Grant Preparation Costs		
						\$0	\$0			\$0				
						\$0	\$0			\$0				
PROJECT TOTAL:						\$37,312,889	\$0	\$0	\$37,312,889	\$37,312,889			\$0	\$37,312,889

SF-424C Cross-check Totals	
1. Admin and Legal	\$819,933
2. Land structures	\$360,000
3. Relocation expenses	\$0
4. Architectural and engr.	\$1,388,150
5. Other archit. and engr.	\$0
6. Inspection fees	\$638,338
7. Site work	\$0
8. Demolition/removal	\$0
9. Construction	\$33,066,468
10. Equipment	\$1,050,000
11. Misc.	\$0

Matching Contribution Cross-check Totals	
Federal Funding Request	\$22,698,010
Cash Match Contribution	\$5,669,502
In-kind Match Contribution	\$8,965,377

Approach to allocating Last Mile and Middle Mile costs:

This grant is 100% Middle Mile.

EASY GRANT ID: 4506

BVU Southwest Virginia Middle Mile Project

Time Period	Quarter	Milestones	Support for Reasonableness/Data Points
Year 0	-	OSS, billing and accounting systems already in place. Headend building already operational. Fiber electronics contracts and vendors already in place Pole attachment agreements already in place Basic network design complete State and FCC authority already in place	BVU already serves customers in the area. BVU already serves customers in the area. Grant electronics designed to mesh with existing network BVU has already built fiber in these counties. Done for this grant application BVU is already a carrier in Virginia
Year 1	Qtr. 1	Obtain permits for fiber construction Obtain rights-of-way for POP sites Obtain rights-of-way for any non-State roads Survey aerial pole line to determine needed make-ready work Begin field engineering of the fiber routes – 5% complete Construction materials ordered	Done by BVU personnel Done by BVU personnel Done by BVU personnel Done by BVU personnel Done by BVU personnel Done by BVU personnel
	Qtr. 2	Continue field engineering of fiber routes – 18 complete Begin construction of buried fiber – 8% complete Construction materials ordered	Done by BVU personnel Done by contractor Done by BVU personnel
	Qtr. 3	Continue field engineering of fiber routes – 32% complete Continue construction of buried fiber – 20% complete Begin construction of aerial fiber – 25% complete Begin constructing POP sites – 25% complete Begin fiber testing – 10% complete Construction materials ordered	Done by BVU personnel Done by contractor Done by contractor Done by BVU personnel Done by BVU personnel Done by BVU personnel
	Qtr. 4	Continue field engineering of fiber routes – 45% complete Continue buried fiber construction – 32% complete Continue aerial fiber construction – 50% complete Continue constructing POP sites – 50% complete Continue fiber testing – 22% complete Construction materials ordered Order fiber electronics	Done by BVU personnel Done by contractor Done by contractor Done by BVU personnel Done by BVU personnel Done by BVU personnel Done by BVU personnel
Year 2	Qtr. 1	Continue field engineering of fiber routes – 59% complete Continue buried fiber construction – 44% complete Continue aerial fiber construction – 75% complete Continue constructing POP sites – 75% complete Continue fiber testing – 34% complete Construction materials ordered Install fiber electronics in POPs	Done by BVU personnel Done by contractor Done by contractor Done by BVU personnel Done by BVU personnel Done by BVU personnel Done by BVU personnel
	Qtr. 2	Continue field engineering of fiber routes – 73% complete Continue buried fiber construction – 56% complete Complete aerial fiber construction – 100% complete Continue constructing POP sites – 100%% complete Continue fiber testing – 46% complete	Done by BVU personnel Done by contractor Done by contractor Done by BVU personnel Done by BVU personnel

		Construction materials ordered Connect first last mile provider to the network	Done by BVU personnel Done by BVU personnel
	Qtr. 3	Continue field engineering of fiber routes – 86% complete Continue buried fiber construction – 68% complete Continue fiber testing – 58% complete Construction materials ordered	Done by BVU personnel Done by contractor Done by BVU personnel Done by BVU personnel
	Qtr. 4	Complete field engineering of fiber routes – 100% complete Continue buried fiber construction – 80% complete Continue fiber testing – 70% complete Construction materials ordered	Done by BVU personnel Done by contractor Done by BVU personnel Done by BVU personnel
	Year 3	Qtr. 1	Continue buried fiber construction – 92% complete Continue fiber testing – 82% complete Construction materials ordered
	Qtr. 2	Complete buried fiber construction – 100% complete Continue fiber testing – 90% complete	Done by contractor Done by BVU personnel
	Qtr. 3	Complete fiber testing – 100% complete	Done by BVU personnel
	Qtr. 4		

	Name: BVU Southwest Virginia Middle Mile Grant												
	YEAR 0	YEAR 1				YEAR 2				YEAR 3			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Infrastructure Funds		65,822	2,178,689	3,620,735	3,715,235	3,737,063	3,556,686	3,160,574	3,160,574	3,160,574	597,187	597,187	597,187
Infrastructure Funds Advanced (estimate)		65,822	2,178,689	3,620,735	3,715,235	3,737,063	3,556,686	3,160,574	3,160,574	3,160,574	597,187	597,187	597,187
Percentage of Total Funds		0.2%	7.7%	12.9%	13.2%	13.3%	12.6%	11.2%	11.2%	11.2%	2.1%	2.1%	2.1%

Total Project													
Entities Passed & %													
Households	0	0	0	0	367	918	1,286	1,837	2,204	2,755	3,123	3,674	
Percentage of Total Households	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Businesses	0	0	0	0	11	26	37	53	63	79	89	105	
Percentage of Total Businesses	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Strategic Institutions(Comm. Anchor,Public Safety, etc)	0	0	0	0	2	6	9	12	15	18	21	24	
Percentage of Total Institutions	0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%	

[Redacted]													
Entities Passed & %													
Households	0	0	0	0	14	35	50	71	85	106	121	142	
Percentage of Total Households	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Businesses	0	0	0	0	0	1	1	2	2	2	3	3	
Percentage of Total Businesses	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Strategic Institutions(Comm. Anchor,Public Safety, etc)	0	0	0	0	0	0	0	0	0	1	1	1	
Percentage of Total Institutions	0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%	

[Redacted]													
Entities Passed & %													
Households	0	0	0	0	11	27	38	55	66	82	93	110	
Percentage of Total Households	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Businesses	0	0	0	0	1	2	3	4	5	6	7	8	
Percentage of Total Businesses	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Strategic Institutions(Comm. Anchor,Public Safety, etc)	0	0	0	0	0	0	0	0	0	0	0	0	
Percentage of Total Institutions	0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%	

[Redacted]													
Entities Passed & %													
Households	0	0	0	0	21	53	74	105	126	158	179	210	
Percentage of Total Households	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Businesses	0	0	0	0	1	2	3	4	5	6	7	8	
Percentage of Total Businesses	0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%	
Strategic Institutions(Comm. Anchor,Public Safety, etc)	0	0	0	0	0	1	1	2	2	2	3	3	
Percentage of Total Institutions	0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%	

Name: BVU Southwest Virginia Middle Mile Grant													
	YEAR 0	YEAR 1				YEAR 2				YEAR 3			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	5	12	17	24	29	36	41	48
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	11	28	39	55	66	83	94	110
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	1	2	2	2	3
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	1	1	1	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	5	13	18	26	32	39	45	53
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	1	1	2	2	2
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	1	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	7	17	24	34	41	51	58	68
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	5
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	9	22	30	43	52	65	74	87
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	2	2	3	3	3
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

		Name: BVU Southwest Virginia Middle Mile Grant											
	YEAR	YEAR 1				YEAR 2				YEAR 3			
	0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	16	40	56	80	95	119	135	159
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	1	1	2	3	3	4	5	6
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	13	33	47	67	80	100	114	134
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	1	1	1	1	1
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	6	14	20	29	34	43	49	57
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	4
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	5	12	17	24	29	36	41	48
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	1	1	1	1	1
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	11	27	37	53	64	80	90	106
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	2	2	3	3	4
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

		Name: BVU Southwest Virginia Middle Mile Grant											
	YEAR	YEAR 1				YEAR 2				YEAR 3			
	0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4

[Redacted]													
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	20	50	69	99	119	149	168	198
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	1	2	3	4	5	6	7	8
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

[Redacted]													
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	14	35	49	70	84	105	119	140
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	5
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	1	1	1	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

[Redacted]													
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	27	67	94	134	160	201	227	267
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	1	2	2	3	4	5	6	7
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

[Redacted]													
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	15	37	52	74	89	111	125	148
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	4
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	1	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

[Redacted]													
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	3	6	9	13	15	19	22	26
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	1	1	1	1	2	2
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

		Name: BVU Southwest Virginia Middle Mile Grant											
	YEAR	YEAR 1				YEAR 2				YEAR 3			
	0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	7	18	25	36	43	54	61	72
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	5
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	1	1	1	1	2	2
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	22	55	77	110	132	165	187	220
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	2	2	3	3	4	5
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	1	1	1	1	2	2	2
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	9	24	33	47	57	71	80	95
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	22	56	78	111	134	167	189	223
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	1	2	3	4	5	6	7	8
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	1	1	1	2	2	2	3
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	21	51	72	103	123	154	175	206
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	2	2	2	3	3
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Name: BVU Southwest Virginia Middle Mile Grant													
	YEAR 0	YEAR 1				YEAR 2				YEAR 3			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	28	70	99	141	169	211	240	282
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	1	1	2	3	3	4	4	5
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	1	1	1	1	1	2
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	3	7	9	13	16	20	22	26
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	5	12	17	24	29	36	40	48
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	1	1	1
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	17	42	59	85	102	127	144	170
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	1	1
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	6	15	20	29	35	44	50	58
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	1	1	1	1	2	2	2
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	1	1	1	1	1
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

		Name: BVU Southwest Virginia Middle Mile Grant											
	YEAR 0	YEAR 1				YEAR 2				YEAR 3			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Entities Passed & %													
		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	2	4	6	9	10	13	14	17
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Entities Passed & %													
		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Households		0	0	0	0	15	37	52	74	89	111	126	148
Percentage of Total Households		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Businesses		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Businesses		0%	0%	0%	0%	2%	5%	7%	10%	12%	15%	17%	20%
Strategic Institutions(Comm. Anchor,Public Safety, etc)		0	0	0	0	0	0	0	0	0	0	0	0
Percentage of Total Institutions		0%	0%	0%	0%	2%	7%	17%	34%	51%	68%	85%	100%

Income Statement

	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Revenues								
Broadband Offerings								
Wholesale Data	\$ -	\$ 121,000	\$ 342,000	\$ 444,000	\$ 486,000	\$ 504,000	\$ 522,000	\$ 540,000
Retail Data	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dark Fiber	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collocation	\$ -	\$ 42,105	\$ 140,872	\$ 161,390	\$ 165,649	\$ 168,708	\$ 171,767	\$ 174,827
Last Mile EBITDA Margin	\$ -	\$ 369,843	\$ 1,508,961	\$ 2,479,725	\$ 3,227,063	\$ 3,795,724	\$ 4,264,852	\$ 4,596,966
Other Network Driven Revenues								
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Voice Services (local/toll/long distance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (list specific services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ 22,000	\$ 13,000	\$ 4,000	\$ 3,000	\$ -	\$ 3,000	\$ -
Other Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ -	\$ 554,948	\$ 2,004,832	\$ 3,089,115	\$ 3,881,712	\$ 4,468,432	\$ 4,961,619	\$ 5,311,792
Expenses								
Backhaul	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Maintenance/Monitoring	\$ 2,665	\$ 116,557	\$ 148,146	\$ 149,755	\$ 151,385	\$ 153,034	\$ 154,704	\$ 156,395
Utilities	\$ 1,400	\$ 11,700	\$ 12,051	\$ 12,413	\$ 12,785	\$ 13,168	\$ 13,564	\$ 13,970
Leasing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales/Marketing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Care	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Billing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Corporate G&A	\$ 23,500	\$ 23,004	\$ 12,000	\$ 12,500	\$ 13,022	\$ 13,567	\$ 14,136	\$ 14,730
Other Operating Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 27,565	\$ 151,261	\$ 172,197	\$ 174,668	\$ 177,192	\$ 179,770	\$ 182,404	\$ 185,096
EBITDA	\$ (27,565)	\$ 403,688	\$ 1,832,635	\$ 2,914,447	\$ 3,704,521	\$ 4,288,662	\$ 4,779,215	\$ 5,126,696
Depreciation	\$ 135,433	\$ 756,251	\$ 1,233,150	\$ 1,233,150	\$ 1,233,150	\$ 1,233,150	\$ 1,233,150	\$ 1,233,150
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Earnings Before Interest and Taxes	\$ (162,998)	\$ (352,563)	\$ 599,485	\$ 1,681,297	\$ 2,471,371	\$ 3,055,512	\$ 3,546,065	\$ 3,893,546
Interest Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Before Taxes	\$ (162,998)	\$ (352,563)	\$ 599,485	\$ 1,681,297	\$ 2,471,371	\$ 3,055,512	\$ 3,546,065	\$ 3,893,546
Property Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Income	\$ (162,998)	\$ (352,563)	\$ 599,485	\$ 1,681,297	\$ 2,471,371	\$ 3,055,512	\$ 3,546,065	\$ 3,893,546

Balance Sheet

Assets	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Current Assets								
Cash	\$ 18,602,667	\$ 5,295,578	\$ 2,116,039	\$ 4,940,335	\$ 8,579,016	\$ 12,819,000	\$ 17,557,336	\$ 22,655,075
Marketable Securities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounts Receivable	\$ -	\$ 108,042	\$ 167,069	\$ 257,426	\$ 323,476	\$ 372,369	\$ 413,468	\$ 442,649
Notes Receivable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Prepayments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Current Assets	\$ 18,752,667	\$ 5,553,620	\$ 2,433,108	\$ 5,347,761	\$ 9,052,492	\$ 13,341,369	\$ 18,120,804	\$ 23,247,724
Non-Current Assets								
Long-Term Investments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortizable Asset (Net of Amortization)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plant in Service	\$ 9,580,480	\$ 23,195,377	\$ 28,147,512	\$ 28,147,512	\$ 28,147,512	\$ 28,147,512	\$ 28,147,512	\$ 28,147,512
Less: Accumulated Depreciation	\$ (135,433)	\$ (891,684)	\$ (2,124,834)	\$ (3,357,984)	\$ (4,591,134)	\$ (5,824,284)	\$ (7,057,434)	\$ (8,290,584)
Net Plant	\$ 9,445,047	\$ 22,303,693	\$ 26,022,678	\$ 24,789,528	\$ 23,556,378	\$ 22,323,228	\$ 21,090,078	\$ 19,856,928
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Non-Current Assets	\$ 9,445,047	\$ 22,303,693	\$ 26,022,678	\$ 24,789,528	\$ 23,556,378	\$ 22,323,228	\$ 21,090,078	\$ 19,856,928
Total Assets	\$ 28,197,714	\$ 27,857,314	\$ 28,455,786	\$ 30,137,289	\$ 32,608,870	\$ 35,664,598	\$ 39,210,882	\$ 43,104,653
Liabilities and Owners' Equity								
Liabilities								
Current Liabilities								
Accounts Payable	\$ 3,200	\$ 15,363	\$ 14,350	\$ 14,556	\$ 14,766	\$ 14,981	\$ 15,200	\$ 15,425
Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Current Liabilities	\$ 3,200	\$ 15,363	\$ 14,350	\$ 14,556	\$ 14,766	\$ 14,981	\$ 15,200	\$ 15,425
Long-Term Liabilities								
Long Term Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Long Term Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Long-Term Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Liabilities	\$ 3,200	\$ 15,363	\$ 14,350	\$ 14,556	\$ 14,766	\$ 14,981	\$ 15,200	\$ 15,425
Owner's Equity								
Capital Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Paid-In Capital	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512	\$ 28,357,512
Retained Earnings	\$ (162,998)	\$ (515,561)	\$ 83,924	\$ 1,765,222	\$ 4,236,592	\$ 7,292,105	\$ 10,838,170	\$ 14,731,716
Total Equity	\$ 28,194,514	\$ 27,841,951	\$ 28,441,436	\$ 30,122,734	\$ 32,594,104	\$ 35,649,617	\$ 39,195,682	\$ 43,089,228
Total Liabilities and Owner's Equity	\$ 28,197,714	\$ 27,857,314	\$ 28,455,786	\$ 30,137,289	\$ 32,608,870	\$ 35,664,598	\$ 39,210,882	\$ 43,104,653

Statement of Cash Flows

	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Beginning Cash	\$ -	\$ 18,602,667	\$ 5,295,578	\$ 2,116,039	\$ 4,940,335	\$ 8,579,016	\$ 12,819,000	\$ 17,557,336
CASH FLOWS FROM OPERATING ACTIVITIES:								
Net Income	(162,998)	(352,563)	599,485	1,681,297	2,471,371	3,055,512	3,546,065	3,893,546
<i>Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities</i>								
Add: Depreciation	135,433	756,251	1,233,150	1,233,150	1,233,150	1,233,150	1,233,150	1,233,150
Add: Amortization	-	-	-	-	-	-	-	-
<i>Changes in Current Assets and Liabilities:</i>								
Marketable Securities	-	-	-	-	-	-	-	-
Accounts Receivable	-	(108,042)	(59,027)	(90,357)	(66,050)	(48,893)	(41,099)	(29,181)
Inventory	(150,000)	-	-	-	-	-	-	-
Prepayments	-	-	-	-	-	-	-	-
Other Current Assets	-	-	-	-	-	-	-	-
Accounts Payable	3,200	12,163	(1,013)	206	210	215	220	224
Other Current Liabilities	-	-	-	-	-	-	-	-
Net Cash Provided (Used) by Operations	\$ (174,365)	\$ 307,808	\$ 1,772,596	\$ 2,824,296	\$ 3,638,681	\$ 4,239,984	\$ 4,738,336	\$ 5,097,739
CASH FLOWS FROM INVESTING ACTIVITIES:								
Capital Expenditures	(9,580,480)	(13,614,897)	(4,952,135)	-	-	-	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-	-	-	-
Long-Term Investments	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ (9,580,480)	#####	\$ (4,952,135)	\$ -	\$ -	\$ -	\$ -	\$ -
CASH FLOWS FROM FINANCING ACTIVITIES:								
Notes Receivable	-	-	-	-	-	-	-	-
Notes Payable	-	-	-	-	-	-	-	-
Principal Payments	-	-	-	-	-	-	-	-
New Borrowing	-	-	-	-	-	-	-	-
Additional Paid-in Capital	28,357,512	-	-	-	-	-	-	-
Additions to Patronage Capital Credits	-	-	-	-	-	-	-	-
Payment of Dividends	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ 28,357,512	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Increase (Decrease) in Cash	\$ 18,602,667	#####	\$ (3,179,539)	\$ 2,824,296	\$ 3,638,681	\$ 4,239,984	\$ 4,738,336	\$ 5,097,739
Ending Cash	\$ 18,602,667	\$ 5,295,578	\$ 2,116,039	\$ 4,940,335	\$ 8,579,016	\$ 12,819,000	\$ 17,557,336	\$ 22,655,075

NPV/IRR Table

	Net Present Value	Internal Rate of Return
Without BTOP Funding	-\$20,002,617	2.36%
With BTOP Funding	-\$265,217	14.73%

Revenue Assumptions

Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
	4	Actual Count
	2	Actual Count
	16	Actual Count
	3	Actual Count
	5	Actual Count
	4	Actual Count
	3	Actual Count
	3	Actual Count
	3	Actual Count
	2	Actual Count
	3	Actual Count
	2	Actual Count
	1	Actual Count
	3	Actual Count
	5	Actual Count
	2	Actual Count
	4	Actual Count
	2	Actual Count
	9	Actual Count
	11	Actual Count
	0	Actual Count
	14	Actual Count
	2	Actual Count
	8	Actual Count
	1	Actual Count
	1	Actual Count
	1	Actual Count
	7	Actual Count
	1	Actual Count
	0	Actual Count
Total Anchor Institutions	122	Actual Count
	16	Actual Count
	42	Actual Count
	41	Actual Count
	3	Actual Count
	14	Actual Count
	11	Actual Count
	23	Actual Count
	17	Actual Count
	28	Actual Count
	7	Actual Count
	22	Actual Count
	5	Actual Count
	19	Actual Count
	42	Actual Count
	23	Actual Count
	34	Actual Count
	22	Actual Count
	9	Actual Count
	23	Actual Count

Revenue Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
	23	Actual Count
	0	Actual Count
	40	Actual Count
	15	Actual Count
	26	Actual Count
	0	Actual Count
	4	Actual Count
	3	Actual Count
	12	Actual Count
	1	Actual Count
	0	Actual Count
Total Businesses	525	Actual Count
	709	Actual Count
	548	Actual Count
	1,050	Actual Count
	241	Actual Count
	552	Actual Count
	263	Actual Count
	340	Actual Count
	434	Actual Count
	795	Actual Count
	668	Actual Count
	287	Actual Count
	240	Actual Count
	532	Actual Count
	991	Actual Count
	700	Actual Count
	1,337	Actual Count
	738	Actual Count
	129	Actual Count
	359	Actual Count
	1,098	Actual Count
	473	Actual Count
	1,113	Actual Count
	1,029	Actual Count
	1,409	Actual Count
	130	Actual Count
	238	Actual Count
	849	Actual Count
	292	Actual Count
	85	Actual Count
	739	Actual Count
	18,368	Actual Count
Last Mile Providers - Year 1	0	Includes BVU as a last mile provider
Last Mile Providers - Year 2	2	Includes BVU as a last mile provider
Last Mile Providers - Year 3	4	Includes BVU as a last mile provider
Last Mile Providers - Year 4	4	Includes BVU as a last mile provider
Last Mile Providers - Year 5	4	Includes BVU as a last mile provider
Last Mile Providers - Year 6	4	Includes BVU as a last mile provider

Revenue Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
Last Mile Providers - Year 7	4	Includes BVU as a last mile provider
Last Mile Providers - Year 8	4	Includes BVU as a last mile provider
100 Mbps circuits in service - Year 1	0	\$3,000 per month per circuit
100 Mbps circuits in service - Year 2	0	\$3,000 per month per circuit
100 Mbps circuits in service - Year 3	2	\$3,000 per month per circuit
100 Mbps circuits in service - Year 4	2	\$3,000 per month per circuit
100 Mbps circuits in service - Year 5	3	\$3,000 per month per circuit
100 Mbps circuits in service - Year 6	3	\$3,000 per month per circuit
100 Mbps circuits in service - Year 7	4	\$3,000 per month per circuit
100 Mbps circuits in service - Year 8	4	\$3,000 per month per circuit
200 Mbps circuits in service - Year 1	0	\$4,000 per month per circuit
200 Mbps circuits in service - Year 2	0	\$4,000 per month per circuit
200 Mbps circuits in service - Year 3	0	\$4,000 per month per circuit
200 Mbps circuits in service - Year 4	1	\$4,000 per month per circuit
200 Mbps circuits in service - Year 5	1	\$4,000 per month per circuit
200 Mbps circuits in service - Year 6	1	\$4,000 per month per circuit
200 Mbps circuits in service - Year 7	1	\$4,000 per month per circuit
200 Mbps circuits in service - Year 8	1	\$4,000 per month per circuit
1 Gbps circuits in service - Year 1	0	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	0	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
1 Gbps circuits in service - Year 1	1	\$7,000 per month per circuit
2.5 Gbps Lightwave in service - Year 1	0	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
2.5 Gbps Lightwave in service - Year 1	2	\$11,000 per month per lightwave
Average Last Mile Customers - Year 1	0	Customers Sold by BVU
Average Last Mile Customers - Year 2	675	Customers Sold by BVU
Average Last Mile Customers - Year 3	2,700	Customers Sold by BVU
Average Last Mile Customers - Year 4	4,350	Customers Sold by BVU
Average Last Mile Customers - Year 5	5,550	Customers Sold by BVU
Average Last Mile Customers - Year 6	6,400	Customers Sold by BVU
Average Last Mile Customers - Year 7	7,050	Customers Sold by BVU
Average Last Mile Customers - Year 8	7,450	Customers Sold by BVU
Average Revenue per Last Mile Customer - Year 1	\$127.28	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 2	\$129.83	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 3	\$132.42	BVU Customers - Based upon current experience

Revenue Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
Average Revenue per Last Mile Customer - Year 4	\$135.07	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 5	\$137.77	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 6	\$140.53	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 7	\$143.34	BVU Customers - Based upon current experience
Average Revenue per Last Mile Customer - Year 8	\$146.20	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 1	\$82.52	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 2	\$84.17	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 3	\$85.85	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 4	\$87.57	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 5	\$89.32	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 6	\$91.10	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 7	\$92.93	BVU Customers - Based upon current experience
Average Expense per Last Mile Customer - Year 8	\$94.78	BVU Customers - Based upon current experience
Collocation Racks Sold - Year 1	0	Sold to Last Mile Providers
Collocation Racks Sold - Year 2	5	Sold to Last Mile Providers
Collocation Racks Sold - Year 3	8	Sold to Last Mile Providers
Collocation Racks Sold - Year 4	8	Sold to Last Mile Providers
Collocation Racks Sold - Year 5	8	Sold to Last Mile Providers
Collocation Racks Sold - Year 6	9	Sold to Last Mile Providers
Collocation Racks Sold - Year 7	9	Sold to Last Mile Providers
Collocation Racks Sold - Year 8	9	Sold to Last Mile Providers
Collocation Revenue - Year 1	\$0	\$1200 per full rack
Collocation Revenue - Year 2	\$27,000	\$1200 per full rack, plus inflation
Collocation Revenue - Year 3	\$88,800	\$1200 per full rack, plus inflation
Collocation Revenue - Year 4	\$108,000	\$1200 per full rack, plus inflation
Collocation Revenue - Year 5	\$111,600	\$1200 per full rack, plus inflation
Collocation Revenue - Year 6	\$114,000	\$1200 per full rack, plus inflation
Collocation Revenue - Year 7	\$116,400	\$1200 per full rack, plus inflation
Collocation Revenue - Year 8	\$118,800	\$1200 per full rack, plus inflation
Anchor Institution Take Rate - All Segments Together - Year 1	0%	
Anchor Institution Take Rate - All Segments Together - Year 2	25%	
Anchor Institution Take Rate - All Segments Together - Year 3	90%	
Anchor Institution Take Rate - All Segments Together - Year 4	100%	
Anchor Institution Take Rate - All Segments Together - Year 5	100%	
Anchor Institution Take Rate - All Segments Together - Year 6	100%	
Anchor Institution Take Rate - All Segments Together - Year 7	100%	
Anchor Institution Take Rate - All Segments Together - Year 8	100%	
Business Take Rates - Year 1	0%	
Business Take Rates - Year 2	4%	
Business Take Rates - Year 3	14%	
Business Take Rates - Year 4	23%	
Business Take Rates - Year 5	29%	
Business Take Rates - Year 6	34%	
Business Take Rates - Year 7	37%	
Business Take Rates - Year 8	39%	

Revenue Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
Household Take Rates - Year 1	0%	
Household Take Rates - Year 2	4%	
Household Take Rates - Year 3	14%	
Household Take Rates - Year 4	23%	
Household Take Rates - Year 5	29%	
Household Take Rates - Year 6	34%	
Household Take Rates - Year 7	37%	
Household Take Rates - Year 8	39%	

Expense Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Note that all expenses are incremental		
		This means only new expenses are shown and there is no allocation of existing expenses
Backhaul	None	Middle Mile Only
Utilities - Year 1	1,400	Power for POP Huts - based on current experience
Utilities - Year 2	11,700	Power for POP Huts - based on current experience
Utilities - Year 3	12,051	Power for POP Huts - based on current experience
Utilities - Year 4	12,413	Power for POP Huts - based on current experience
Utilities - Year 5	12,785	Power for POP Huts - based on current experience
Utilities - Year 6	13,168	Power for POP Huts - based on current experience
Utilities - Year 7	13,564	Power for POP Huts - based on current experience
Utilities - Year 8	13,970	Power for POP Huts - based on current experience
Pole Attachments - Year 1	2,665	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 2	6,396	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 3	6,396	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 4	6,588	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 5	6,786	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 6	6,989	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 7	7,199	492 poles rented at \$13 / pole / year, plus inflation
Pole Attachments - Year 8	7,415	492 poles rented at \$13 / pole / year, plus inflation
Maintenance Agreements - Year 1	0	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 2	110,161	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 3	141,750	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 4	143,168	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 5	144,599	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 6	146,045	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 7	147,506	Vendor maintenance agreements for electronics
Maintenance Agreements - Year 8	148,981	Vendor maintenance agreements for electronics
Accounting Expense - Year 1	15,000	Incremental new accounting effort
Accounting Expense - Year 2	15,000	Incremental new accounting effort
Accounting Expense - Year 3	7,000	Incremental new accounting effort
Accounting Expense - Year 4	7,350	Incremental new accounting effort
Accounting Expense - Year 5	7,718	Incremental new accounting effort
Accounting Expense - Year 6	8,103	Incremental new accounting effort

Revenue Assumptions		
Factor	Specific Metric Used in Analysis	Rationale (Cite Basis)
Key Revenue Assumptions		
Accounting Expense - Year 7	8,509	Incremental new accounting effort
Accounting Expense - Year 8	8,934	Incremental new accounting effort
Legal Expenses - Year 1	5,000	Incremental legal expenses
Legal Expenses - Year 2	2,004	Incremental legal expenses
Legal Expenses - Year 3	2,000	Incremental legal expenses
Legal Expenses - Year 4	2,060	Incremental legal expenses
Legal Expenses - Year 5	2,122	Incremental legal expenses
Legal Expenses - Year 6	2,185	Incremental legal expenses
Legal Expenses - Year 7	2,251	Incremental legal expenses
Legal Expenses - Year 8	2,319	Incremental legal expenses
Consulting Expense - Year 1	3,500	Incremental consulting expenses
Consulting Expense - Year 1	6,000	Incremental consulting expenses
Consulting Expense - Year 1	3,000	Incremental consulting expenses
Consulting Expense - Year 1	3,090	Incremental consulting expenses
Consulting Expense - Year 1	3,183	Incremental consulting expenses
Consulting Expense - Year 1	3,278	Incremental consulting expenses
Consulting Expense - Year 1	3,377	Incremental consulting expenses
Consulting Expense - Year 1	3,478	Incremental consulting expenses
Depreciation Rate - Tools	15%	Same as existing BVU
Depreciation Rate - Buildings	4%	Same as existing BVU
Depreciation Rate - Fiber electronics	15%	Same as existing BVU
Depreciation Rate - Fiber	4%	Same as existing BVU
Insurance	None	BVU self insured
Interest Expense	None	No new debt
Federal Tax Rate	None	BVU is non-taxable
Other Tax Rates	None	BVU is non-taxable

Broadband Subscriber Estimates

Name of Service Offering	Customer Type	Year 0	Cumulative/Net Add	Year 1				Year 2				Year 3			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
100 Mbps Dedicated Service	Third Party Service Provider		Cumulative	0	0	0	0	0	0	0	0	0	1	1	2
			Net Add											1	1
200 Mbps Dedicated Service	Third Party Service Provider		Cumulative	0	0	0	0	0	0	0	0	0	0	0	0
			Net Add												
1 Gb Dedicated Service	Third Party Service Provider		Cumulative	0	0	0	0	0	0	0	0	0	1	1	1
			Net Add											1	
2.5 Gb Wavelength	Third Party Service Provider		Cumulative	0	0	0	0	0	1	2	2	2	2	2	2
			Net Add						1	1					
Triple-Play - Indirect	Indirect - Res./Ind.		Cumulative	0	0	0	0	0	477	1,051	1,625	1,864	2,103	2,342	2,581
			Net Add		0	0	0	0	477	574	574	239	239	239	239
Triple-Play - Indirect	Indirect - Business		Cumulative	0	0	0	0	0	15	32	49	57	64	71	78
			Net Add		0	0	0	0	15	17	17	8	7	7	7
Triple-Play - Indirect	Indirect - Com. Anchor Inst.		Cumulative	0	0	0	0	0	8	17	26	29	33	37	41
			Net Add		0	0	0	0	8	9	9	3	4	4	4
Cumulative Totals (excluding Indirect)	Residential/Individual		Total												
	Business		Total												
	Community Anchor Inst.		Total												
	Third Party Service Provider		Total	0	0	0	0	0	1	2	2	2	4	4	5
Cumulative Totals (including Indirect)	Residential/Individual		Total	0	0	0	0	0	477	1,051	1,625	1,864	2,103	2,342	2,581
	Business		Total	0	0	0	0	0	15	32	49	57	64	71	78
	Community Anchor Inst.		Total	0	0	0	0	0	8	17	26	29	33	37	41
			Total												

Table of Customer Types

Residential/Individual
 Business
 Community Anchor Inst.
 Third Party Service Provider
 Indirect - Res./Ind.
 Indirect - Business
 Indirect - Com. Anchor Inst.

Explanation of Methodology: BVU expects to sell a handful of large data circuits on these routes which will be used by last mile providers as a way to get to the last mile customers. Thus, we are only estimating selling two full wavelenghts, one 1 Gigabit connection and a few smaller connections. It is assumed that the last mile providers will need to collocate at the various POPs at market rates.

The estimates of last mile customers is not highly aggressive and assumes that the last mile providers will achieve a 39% market penetration after 8 years.

Name of Service Offering	Customer Type	Year 4				Year 5				Year 6				Year 7			
		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
100 Mbps Dedicated Service	Third Party Service Provider	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4
							1								1		
200 Mbps Dedicated Service	Third Party Service Provider	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			1														
1 Gb Dedicated Service	Third Party Service Provider	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.5 Gb Wavelength	Third Party Service Provider	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Triple-Play - Indirect	Indirect - Res./Ind.	2,976	3,371	3,766	4,159	4,445	4,732	5,019	5,306	5,510	5,713	5,917	6,118	6,275	6,430	6,586	6,740
		395	395	395	393	286	287	287	287	204	203	204	201	157	155	156	154
Triple-Play - Indirect	Indirect - Business	90	102	114	126	135	144	152	161	167	173	179	186	190	195	200	204
		12	12	12	12	9	9	8	9	6	6	6	7	4	5	5	4
Triple-Play - Indirect	Indirect - Com. Anchor Inst.	47	53	59	65	70	74	79	83	86	90	93	96	98	101	103	106
		6	6	6	6	5	4	5	4	3	4	3	3	2	3	2	3
Cumulative Totals (excluding Indirect)	Residential/Individual Business																
	Community Anchor Inst.																
	Third Party Service Provider	5	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8
Cumulative Totals (including Indirect)	Residential/Individual Business	2,976	3,371	3,766	4,159	4,445	4,732	5,019	5,306	5,510	5,713	5,917	6,118	6,275	6,430	6,586	6,740
	Community Anchor Inst.	90	102	114	126	135	144	152	161	167	173	179	186	190	195	200	204
	Community Anchor Inst.	47	53	59	65	70	74	79	83	86	90	93	96	98	101	103	106

Table of Customer Types

Residential/Individual Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

Name of Service Offering	Customer Type	Year 8			
		Qtr 1	Qtr 2	Qtr 3	Qtr 4
100 Mbps Dedicated Service	Third Party Service Provider	4	4	4	4
200 Mbps Dedicated Service	Third Party Service Provider	1	1	1	1
1 Gb Dedicated Service	Third Party Service Provider	1	1	1	1
2.5 Gb Wavelength	Third Party Service Provider	2	2	2	2
Triple-Play - Indirect	Indirect - Res./Ind.	6,836	6,931	7,027	7,122
		96	95	96	95
Triple-Play - Indirect	Indirect - Business	207	210	213	216
		3	3	3	3
Triple-Play - Indirect	Indirect - Com. Anchor Inst.	107	109	110	112
		1	2	1	2
Cumulative Totals (excluding Indirect)	Residential/Individual				
	Business				
	Community Anchor Inst.				
	Third Party Service Provider	8	8	8	8
Cumulative Totals (including Indirect)	Residential/Individual	6,836	6,931	7,027	7,122
	Business	207	210	213	216
	Community Anchor Inst.	107	109	110	112

Table of Customer Types

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

BUDGET INFORMATION - Construction Programs Expiration Date 07/30/2010

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 Costs	b. Costs not Allowable for Participation	c. Total Allowable Costs (a-b)
1. Administrative and legal expenses	\$759,933	\$0	\$759,933
2.Land, structures, rights-of-way, appraisals, etc.	\$350,000	\$0	\$350,000
3.Relocation expenses and payments	\$0	\$0	\$0
4.Architectural and engineering fees	\$1,388,150	\$0	\$1,388,150
5.Other architectural and engineering fees	\$0	\$0	\$0
6.Project inspection fees	\$638,338	\$0	\$638,338
7.Site work	\$0	\$0	\$0
8.Demolition and removal	\$0	\$0	\$0
9.Construction	\$33,066,468	\$0	\$33,066,468
10.Equipment	\$1,050,000	\$0	\$1,050,000
11.Miscellaneous	\$60,000	\$0	\$60,000
12.SUBTOTAL (sum of lines 1- 11)	\$37,312,889	\$0	\$37,312,889
13.Contingencies			\$0
14.SUBTOTAL	\$37,312,889	\$0	\$37,312,889
15.Project (program) income	\$2,559,781	\$0	\$2,559,781
16.TOTAL PROJECT COSTS (subtract #15 from #14)	\$34,753,108	\$0	\$34,753,108

17.Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.

BTOP Comprehensive Community Infrastructure Service Offerings and Competitor Data Template

Please complete the complete the following worksheets--either of the Last Mile or Middle Mile Service Offerings worksheets may be omitted if the applicant is not proposing to provide services of that type.

For both the Last Mile and Middle Mile Service Offerings worksheets, the service offerings should include all relevant tiers and markets (*e.g.* residential, business, wholesale). Applicants should be sure to include details on any services that would be offered at discounted rates to particular classes of customers (*e.g.* community anchor institutions or third party service providers).

In the Last Mile Service Offerings worksheet, applicants are required to provide estimated average end user speeds. Average speeds should be the average sustained actual, non-burst speeds that an end user would receive during a peak hour. For purposes of calculating these speeds, applicants should utilize their subscriber projections for year eight of the project, and develop subscriber utilization projections that are consistent with any additional services the applicant plans to offer. For wireless broadband services, this speed should be an average of the speeds available across an entire cell. Beyond these general guidelines, due to the multiplicity of technical solutions that may be proposed, the applicants may use discretion to determine the most reasonable manner in which to estimate actual speeds on their network. Applicants should explain the underlying assumptions used to calculate the average speeds in the space provided.

In the Competitor Data worksheet, applicants are required to provide data on both last mile and middle mile service providers, regardless of whether the applicant proposes to offer both last mile and middle mile services. In the column titled Service Areas Where Service Offered, applicants should list all of the Last Mile and Middle Mile Service Areas within their Proposed Funded Service area in which the listed services area available. Please ensure that the Service Area names are consistent with those provided within the application and the Service Areas attachment. If the actual availability of the listed services is limited (*e.g.* the service is only available within part of the Last Mile or Middle Mile Service Area), note this in the Other Comments column.

In contrast to several other attachment templates in this application, the data provided via this template will NOT be subject to automated processing. These templates worksheets are provided to demonstrate the level of data required and to provide a suggested format. Applicants are free to modify the template layouts in order to provide the most effective presentation of the data for their specific project. Applicants should, however, ensure that they provide at least as much detail as these templates require. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that will be difficult to understand. It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.

Proposed Last Mile Service Offerings

Name of Service Tier	Advertised Speeds		Estimated Average Speeds		Average Latency	Pricing Plan (\$ per month)	Other Comments/Description/Features or Limitations
	Downstream Mbps	Upstream Mbps	Downstream Mbps	Upstream Mbps	@ End User CPE milliseconds		

Explanation of Average Speed Calculations:

Proposed Middle Mile Service Offerings

Name of Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing (\$)	Other Comments/Description/Features or Limitations
10Mbps Ethernet	PtP	10Mbps	\$800/month	
50Mbps Ethernet	PtP	50Mbps	\$2,000/month	
100Mbps Ethernet	PtP	100Mbps	\$3,000/month	
200Mbps Ethernet	PtP	200Mbps	\$4,000/month	
400Mbps Ethernet	PtP	400Mbps	\$5,000/month	
1000Mbps Ethernet	PtP	1000Mbps	\$7,000/month	
2.5Gbps wave	PtP	2.5Gbps	\$11,000/month	
10Gbps wave	PtP	10Gbps	\$16,000/month	
OC-3 SONet	PtP	155Mbps	\$6,000/month	

Competitor Data

Competitor Data - Last Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Distance Band or Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments/Description/Features or Limitations

Competitor Data - Middle Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Description/Features or Limitations
CenturyLink	Only where there is Fiber (very few places)	TDM	1.5Mbps T1	1.5Mbps	\$500	Most of the copper is old and has trouble supporting even T1s
Verizon	Only where there is Fiber (very few places)	TDM	1.5Mbps DSL	1.5Mbps	\$500	Most of the copper is old and has trouble supporting even T1s
			DS3	51 Mbps	\$5,200	Only where there is Fiber (hardly anywhere)
			OC3	155 Mbps	\$11,500	Only where there is Fiber (hardly anywhere)
Verizon	Only along Interstate 81		OC12	622 Mbps	\$15,000	Only where there is Fiber (hardly anywhere)



Kelly Library & Information Technology Services
Emory & Henry College

PO Box 948 • Emory, Virginia 24327-0948 • 276-944-6208 • Web site: www.ehc.edu

March 3, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW Washington, DC 20230

Dear Sir or Madam,

I am writing to you in support of the grant application which the Bristol Virginia Utilities Board is submitting. As the Chief Information Officer at Emory & Henry College, I am passionately committed to bringing broadband Internet access to southwest Virginia. With the help of a stimulus grant, the Bristol Virginia Utilities Board (BVUB) is poised to bring robust, stable broadband access to the Emory, Virginia community as well as to Emory & Henry College.

The positive impact this grant project would have on educational opportunities here in rural southwest Virginia cannot be overestimated. Here at the College, we struggle daily with limited Internet access because our present ISP provider cannot supply us with adequate broadband bandwidth. As a result, our wireless and, not infrequently, our wired network access is overwhelmed and slow. Students, faculty, and staff experience frustration with our current bandwidth limitations. Student and faculty research, access to information resources, online and telephonic communications, and technology-enhanced classroom management systems would all be greatly improved with the additional bandwidth that the Bristol Virginia Utilities Board could provide as a result of a stimulus grant. The positive impact on student learning would be profound.

Additionally, the arrival of greatly improved broadband to this area of southwest Virginia through the BVUB grant project implementation would greatly improve the quality of life for the community at large. Broadband access to the local United States Postal Service office in Emory, other local businesses, and the residences of the local community would open up new avenues of information access and retrieval. Community patrons would gain greater access to our local libraries and the online resources they provide, such as reference information databases, and federal, state, and local government websites and resources.

On behalf of the students, faculty, and staff of Emory & Henry College, as well as on behalf of the local community, I urge you to award this grant proposal to the Bristol Virginia Utilities Board. If you have any questions about the projected impact of this grant proposal on the College or the community, please do not hesitate to call me at 276-944-6808 or email me at labraham@ehc.edu.

Cordially,

Lorraine N. Abraham
Chief Information Officer
Emory & Henry College

OFFICERS:

TOWN MANAGER
T. MICHAEL TAYLOR

CLERK-TREASURER
STEVEN W. JOHNSON

CHIEF-OF-POLICE
BARRY S. SURBER

TOWN ATTORNEY
CHRISTEN W. BURKHOLDER, P.C.

PUBLIC WORKS DIRECTOR
CLAYTON COLSTON

Town of Saltville

"Salt Capital of the Confederacy"

P. O. Box 730

217 Palmer Avenue

Saltville, Virginia 24370

Council Meets Second Tuesday of Each Month

Telephone (276) 496-5342

FAX (276) 496-4814

MAYOR:

JEFFREY L. CAMPBELL

COUNCIL:

STANLEY CAHILL
DANNY MAIDEN
THOMAS HOLLEY
NEIL JOHNSON
C. TODD YOUNG
DICKIE DYE

March 5, 2010

Grant Administrator National Telecommunications and Information Administration
U. S. Department of Commerce
1401 Constitution Avenue, NW
Washington, D.C. 20230

Dear Sir or Madam:

I am writing to you to express my support and enthusiasm of the grant in which the Bristol Virginia Utilities Board is submitting. As Town Manager for the Town of Saltville, I am committed to bringing broad band Internet access to the Saltville area. The Bristol Virginia Utilities Board, with the help of the stimulus grant monies will be able to bring a stable broadband access to the entire Saltville area.

We have several key businesses and municipal buildings already using this system. We are desperately attempting to rebuild our community and industrial base, through our discussions with these entities; we have to be able to provide these services!

Please find listed below additional entities that would greatly benefit by these services being offered in this area:

Saltville Medical Center
Saltville Public Library
Saltville Fire Department
Saltville Elementary School
Northwood High School
VDOT Broadford Area Hdq.
Hayters Gap Community Center
Hayters Gap Branch Library
Saltville Senior Citizens

Saltville Regional Dental Clinic
Saltville Town Hall
Saltville Rescue Squad
Rich Valley Elementary School
Northwood Middle School
Brumley Gap Fire Dept.
Valley Rescue Squad
Hayters Gap Senior Citizens
Clinch Mt. Fire Dept.

And the list goes on and on. The importance of this venture is immeasurable!!!!

On behalf of the citizens of the Town of Saltville, as well as on behalf of the local community, I ask you to award this grant. The impact on our community will be astounding and will help all our needs-informational, educational and in our efforts to conduct economic development, as well as our tourism industry that we are now putting major efforts into. Please feel free to contact me at 1-276-496-4321 or at townmanager@Saltville.org, if you wish to discuss these matters further – Please help us to obtain the necessary means to help our community grow.

Respectfully:

A handwritten signature in black ink that reads "T. Michael Taylor". The signature is written in a cursive style with a long, sweeping tail on the "y".

T. Michael Taylor

Washington County Public Schools

812 Thompson Drive, Abingdon, Virginia 24210
Telephone: (276) 739-3000 FAX: (276) 628-1874

ALAN T. LEE, PH.D.
Division Superintendent

TOM GRAVES, ED.D.
Assistant Superintendent

THE SCHOOL BOARD
Elizabeth P. Lowe, Chair
Billy W. Brooks, Vice Chair
William B. Boone
J. Sanders Henderson III
Tom Musick
Dayton Owens
Herschel Stevens

March 8, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW
Washington, DC 20230

Dear Sir or Madam:

I am writing to you in support of the grant application which the Bristol Virginia Utilities Board is submitting. As the Superintendent of Washington County Public Schools, I am committed to bringing broadband Internet access to Southwest Virginia. With the help of a stimulus grant, the Bristol Virginia Utilities Board (BVUB) is poised to bring robust, stable broadband access to the Abingdon, Virginia community as well as to Washington County Public Schools.

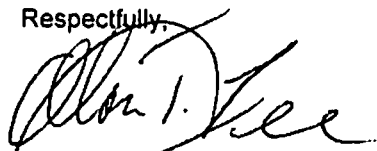
The positive impact this grant project would have on educational opportunities here in rural southwest Virginia cannot be overestimated. Student and faculty research, access to information resources, online and telephonic communications, and technology-enhanced classroom management systems would all be greatly improved at Patrick Henry High School, Glade Spring Middle School, Rhea Valley Elementary School, Holston High School, Damascus Middle School, Meadowview Elementary School and Greendale Elementary School with the additional bandwidth that the Bristol Virginia Utilities Board could provide as a result of a stimulus grant. The positive impact on student learning would be profound.

Additionally, the arrival of greatly improved broadband to this area of Southwest Virginia through the BVUB grant project implementation would greatly improve the quality of life for the community at large. Broadband access to the local United States Postal Service office in Abingdon, other local businesses, and the residences of the local community would open up new avenues of information access and retrieval. Community patrons would gain greater access to our local libraries and the online resources they provide, such as reference information databases, and federal, state, and local government websites and resources.

On behalf of the students, faculty, and staff of Washington County Public Schools and the local community, I urge you to award this grant proposal to the Bristol Virginia Utilities Board.

If you have any questions about the projected impact of this grant proposal on the school system or the community, please do not hesitate to call me at 276-739-3003.

Respectfully,



Alan T. Lee, Ph.D.
Division Superintendent

ATL:nsm



COUNTY
of
BLAND

BOARD OF
SUPERVISORS

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Chairman
District 1

James B. Rains
District 2

John B. Hinkle
District 3

Edward W. Henry IV
District 4

William C. Howlett
County Administrator

P.O. Box 510
Bland, Virginia 24315

Telephone: 276-688-4622
Fax: 276-688-9758

www.bland.org

March 16, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Avenue, NW
Washington, DC 20230

Dear Sir or Madam:

I am writing to you in support of the grant application which the Bristol Virginia Utilities Board is submitting. As the Administrator for the County of Bland, I am passionately committed to bringing broadband Internet access to southwest Virginia. With the help of a stimulus grant, the Bristol Virginia Utilities Board (BVUB) is poised to bring robust, stable broadband access to this area.

The positive impact this grant project would have in rural southwest Virginia cannot be overestimated. Students, faculty, and Internet users experience frustration with our current bandwidth limitations.

Additionally, the arrival of greatly improved broadband to this area of southwest Virginia through the BVUB grant project implementation would greatly improve the quality of life for the community at large. Local businesses and the residences of the local community would open up new avenues of information access and retrieval. Community patrons would gain greater access to online resources such as reference information databases, and federal, state, and local government websites and resources.

On behalf of the County of Bland, I urge you to award this grant proposal to the Bristol Virginia Utilities Board. If you have any questions regarding the projected impact of this grant proposal, please do not hesitate to call me at 276 688 4622.

Sincerely,

William C. (Wille) Howlett
Administrator, County of Bland



COUNTY OF WASHINGTON, VIRGINIA

COUNTY ADMINISTRATION BUILDING
205 ACADEMY DRIVE
ABINGDON, VIRGINIA 24210

BOARD OF SUPERVISORS

BOARD OF SUPERVISORS

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C-01 "MADISON" ELECTION DISTRICT
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D-01 "MORRIS" ELECTION DISTRICT
JOSEPH C. STRATEN
E-01 "TAYLOR" ELECTION DISTRICT

March 12, 2010

Grant Administrator
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, NW
Washington, DC 20230

Dear Sir or Madam:

I am writing in support of the grant application which the Bristol Virginia Utilities OptiNet (BVU OptiNet) is submitting. As Chair of the Washington County Board of Supervisors and member of the Bristol Virginia Utilities Board (BVUB), I am dedicated to seeing that broadband internet access is available to all citizens of Washington County. With the help of a stimulus grant, BVU OptiNet is poised to expand broadband access into the rural areas of Washington County, specifically the Damascus and Glade Spring communities.

The availability of broadband internet access to Damascus and Glade Spring areas through the BVU OptiNet grant project implementation would greatly improve the quality of life for the residents and boost the businesses in these communities. The grant project would have a positive impact on the students in these communities by making available educational opportunities that presently may not be afforded to them. It would also enhance Washington County's economic development efforts and the promotion of tourism.

BVU OptiNet is leading the way in broadband communications. BVUB has received important recognition recently by receiving national industry awards for OptiNet accomplishments, community investments, customer service and leadership team achievements. BVU OptiNet was recognized as the 2009 Broadband Fiber Network of the Year by the National Association of Telecommunications Officers and Advisors. BVUB's OptiNet extends from Bristol Virginia approximately 850 miles through eight Southwest Virginia Counties and was recognized for "pioneering community fiber to the home and for demonstrating how true broadband can bring jobs and economic development to rural America." BVUB currently provides broadband services to customers in a 125-square mile area that includes Bristol, Abingdon and Washington County.

On behalf of the citizens of Washington County, I urge you to award this grant proposal to the BVU OptiNet.

If you have any questions about the anticipated impact of this grant proposal on the citizens of Washington County or the targeted communities, please feel free to contact me at (276) 669-5993.

Respectfully,

Dulcie M. Mumpower
Chair
Washington County Board of Supervisors

Town of Damascus

"The Strength of a Town Lies in the Confidence and Cooperation of Its People"

PO DRAWER 576
DAMASCUS, VIRGINIA 24236-0576

TELEPHONE 276-475-3831
FAX # 276-475-3241

March 5, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave. NW Washington, DC 20230

Dear Sir or Madam,

I am writing to you in support of the grant application which the Bristol Virginia Utilities Board is submitting. As the Damascus Town Manger I am aware of the need for reliable broad band internet access in rural Southwest Virginia. We have long been hindered from receiving such services due to our Geographic location. The cost of providing the infrastructure necessary for such services has created a barrier. By cooperation of the US Department of Commerce and the Bristol Virginia Utilities board we believe that barrier can be crossed.

The Town of Damascus is driven by an ecotourism economy. Because of this our ability to provide services to our citizens depends on a connection to the rest of Southwest Virginia and the nation as a whole. Our businesses rely on advertising that stretches far past our local demographic. A reliable network with the band width to support heavy traffic is necessary to reach those interested in the things we have to offer.

The Town and its municipal buildings also stand to gain a great deal if a direct fiber connection is made available. A town cannot function if its citizens do not feel safe. The safety of our citizens depends on the ability of our local Law enforcement and Fire department to receive information quickly and reliably. The Administration offices house a hub of information which many citizens rely on to plan their day to day activities. Citizen and administration access to a reliable online information portal will better community awareness. For the reasons listed above it is imperative that the Damascus Police Department, Fire Department, Town Hall, and Library are connected in such a way that we do not have to worry about the reliability or speed of our network.

On behalf of the Town of Damascus I urge you to award the grant proposal submitted by the Bristol Virginia Utilities Board to extend fiber through the Damascus area. If you have any questions please call Aaron Sizemore at (276) 475-3831.

Sincerely,



Aaron Sizemore
Town Manager



TOWN OF GLADE SPRING

113 WEST GLADE STREET
P.O. BOX #98
GLADE SPRING, VIRGINIA 24340

(276) 429-5134
(276) 429-2889 (FAX)

TOWN MANAGER
Toby Boian

TOWN ATTORNEY

C. W. Burkholder

COUNCIL MEMBERS:

Steven P. Cannon

James C. Copenhaver

Lee Coburn

Jerry L. Jones

Melissa A. Mitchell

MAYOR

Stephen P. Rowland
VICE MAYOR

Sharon T. Gilliam

March 11, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW
Washington, DC 20230

Dear Sir or Madam:

This letter is to express the support on behalf of the Town of Glade Spring, Virginia for a grant application that is being submitted by the Bristol Virginia Utilities Board. Broadband internet access to the Town of Glade Spring and Southwest Virginia is a vital part of the economic future for our Town and the surrounding community.

This project will improve the limited internet access to the Glade Spring Town Hall, Police Department, Volunteer Fire Department, Rescue Squad, Library, the Glade Spring Middle School and our Post Office. Many of the other local business would have expanded opportunities made available by access to broadband and these services would facilitate the location of new businesses in our community that requires access to broadband internet.

The stimulus grant that Bristol Virginia is seeking is the next step to making these services available to government operations, businesses and residences in our community. We enthusiastically support the project and we urge you to consider the project favorably. If you have any questions about the communities need for this project, please do not hesitate to call me at 276-783-5103 extension 308 or email me at tboian@mrpdc.org.

Sincerely,

Toby Boian
Town Manager
Glade Spring, Virginia

Tazewell County Virginia

"Bound For Progress"

David R. Anderson, Vice Chairman
Eastern District

James T. Campbell, Supervisor
Northern District

Seth R. White, Chairman
Northwestern District

James H. Spencer, III
County Administrator

John M. Absher, Supervisor
Western District

D. Michael Hymes, Supervisor
Southern District

March 2, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

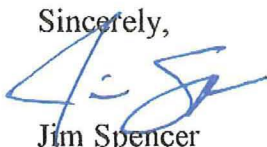
The Tazewell County Board of Supervisors is delighted to support Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as we have witnessed the importance in our economic development efforts and the cost savings provided our localities.

If funded, the project would grow a state-of-the-art broadband infrastructure that can be utilized by our local governments, educational system, libraries, emergency services and healthcare community. We foresee this network offering point-to-point connections between local governments and within departments of each locality. Our water and sewer monitoring requirements can be enhanced through real-time data delivery. The E-911 and emergency services can look forward to enhanced wireless services across our county; where, the fiber-optic network can be used for backhaul from areas that are more remote.

Last and certainly not the least is the economic development tool this network brings to Tazewell County. Without this network and its continued growth, we would not continue to be successful in recruiting. The proposed funding that will allow growth of the network is a necessity in our efforts to keep existing commercial and industrial clients competitive and in the expansion mode.

If this funding is approved, Tazewell County and its localities will utilize the services provided on this network. We feel that we are all partners in our efforts to provide Broadband services to both commercial and residential customers.

Sincerely,



Jim Spencer
County Administrator

cc: Tazewell County Board of Supervisors
Sam Wolford, Director of Information & Technology, TC

*Tazewell County
Public Service Authority
"Leaders in Virginia"*

Aaron Roberts, Vice Chairman
Seth White, Member



Jack Harry, Secretary/Treasurer
Rhudy Keith, Member

David Anderson, Chairman
James H. Spencer III, Administrator

March 4, 2010

Mr. Larry Carr
Cumberland Plateau Company
P. O. Box 548
Lebanon, VA 2466

Dear Mr. Carr:

The Tazewell County Public Service Authority (PSA) supports the initiative by Bristol Virginia Utilities/Cumberland Plateau Company (BVU/CPC) to expand broadband throughout Southwest Virginia.

The expansion of the proposed fiber-optic Broadband backbone will allow improved communications capability. With regional fiber-optic infrastructure available, public water/sewer utilities, fire departments and emergency agencies would be able to operate with a communication network that will provide essential quality service for efficient operation and emergency management. Also, the broadband will enhance the PSA telemetry and telecommunications for water distribution systems throughout Tazewell County.

Funding of this project is paramount to provide rural areas with the necessary cost effective communications infrastructure. Should this project come to fruition, the PSA will work with BVU/CPC to use the expansion of broadband to continue to enhance the quality of life for the people of Tazewell County and Southwest Virginia.

Sincerely,

A handwritten signature in blue ink that reads 'Dahmon Ball'. The signature is written in a cursive style.

Dahmon Ball
Comptroller

March 15, 2010

Grant Administrator
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW Washington, DC 20230

Dear Sir or Madam:

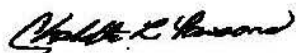
This letter is to express support from the Washington County Public Library for a grant application that is being submitted by the Bristol Virginia Utilities Board. The Washington County Public Library, like educational and commercial entities in the area, relies heavily on high speed, reliable and affordable internet connections. The funding obtained from this grant application would greatly expand the telecommunications network in the eastern part of the county.

The Washington County Public Library system has five libraries. These libraries are connected with an automation system that enables all functions of library operations such as locating, circulating, cataloging and purchasing library materials to be conducted in real time and to be transparent. This same automation system is shared with Emory & Henry and King Colleges. Library users can view the collections in all of these libraries and have free access to over a million items. Telecommunications even enable users to make requests for materials to be routed from academic to public libraries. The server which supports these operations is located on the campus of Emory & Henry College. Improved and more affordable broadband access in the area being addressed with this grant would enable resource sharing to be conducted even more efficiently.

The branch library in Glade Spring is being relocated into a building that will be three times larger and will be more conveniently located in the community. In addition to providing traditional library services, this new facility will function as a community center and a hub for information about tourism and recreational opportunities in the area. Ten public access computers that will be housed in this library will also enable it to function as a technology center. Again, broadband access will enable the library to provide much needed services in a more effective and efficient manner.

As director of the WCPL system, I enthusiastically support this grant application and urge you to consider the project favorably. If you have any questions about the library's use of this new resource please do not hesitate to contact me at 276 676 6223 or email me at charlotte@wcpl.net.

Sincerely,



Charlotte L. Parsons
Director

**Tazewell County Virginia
"Bound For Progress"**

David White
Emergency Service Coordinator


**Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266**

Dear Mr. Carr:

On behalf of Tazewell County Emergency Service, I am very pleased to submit this letter of enthusiastic support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia.

Emergency services are often over looked until needed. With the proposed expansion of the fiber-optic Broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire department locations, the hospital, the Sheriff and local police departments, as well as, rescue squads; there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in southwest Virginia. In areas where direct fiber connections are not available, wireless nodes could be installed and then backhauled over the fiber.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of our county and region.



David White

**Tazewell County
Emergency Service Coordinator
(276) 988-1322**

BREAKS INTERSTATE PARK

Post Office Box 100

Breaks, Virginia 24607-0100

March 4, 2010



Mr. Larry Carr
Cumberland Plateau
Planning District
P.O. Box 548
Lebanon, Virginia 24266

Matthew O'Quinn
Superintendent

Dear Mr. Carr:

The purpose of this letter is to express my support for the application to install fiber from Haysi to Breaks,

Last year Breaks Interstate Park saw an overall visitation of more than 320,000 people and had an overall economic impact on our area of \$7.1 million dollars.

Not only is the need for fiber and high speed internet crucial to the operation of our park, but during any given weekend throughout much of the year, our park becomes one of the most populated towns/cities (comparatively speaking) in southwest Virginia. All of our visitors, who hail from virtually every state in the union and many foreign countries, gauge our entire region on the infrastructure found at Breaks Park. It is imperative that this project be continually pursued to offer internet and fiber capabilities to these people as well as the citizens of the Breaks community.

Again, I appreciate your effort to address the lack of critical infrastructure along State Route 80, and if there is anything more I can do to assist in its implementation, please do not hesitate to call me.

Sincerely,

A handwritten signature in cursive script that reads "Matthew O'Quinn".

Matthew O'Quinn
Superintendent

Buchanan County Public Schools

P. O. Box 833
Grundy, Virginia 24614

TOMMY P. JUSTUS
Division Superintendent
E-Mail: tjustus@buc.k12.va.us

"Our Children, Our Future, Our Responsibility"

SCHOOL BOARD MEMBERS:
Larry Q. Looney, Chairman
Clarence Brown, Jr., Vice Chairman
Paul L. Hayes
Willie R. Sullivan
John Wayne Deskins
Austin H. Crumpton
Robert C. Stiltner

Phone: (276) 935-4551
Fax: (276) 935-7150
(276) 935-6091
Joyce L. Presley, Clerk

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Buchanan County School system, I would like to offer my support to the funding application for Bristol Virginia Utilities and the Cumberland Plateau Company to expand and enhance its fiber-optic backbone network. If funded, the project would create a ubiquitous, state-of-the-art broadband infrastructure that our educational system can utilize.

Although broadband services are currently available to most of our schools, it is provided through multiple carriers with different levels of capacity, reliability and costs. With the proposed expansion and upgrades of the BVU/CPC network made possible through stimulus grant funding, this proposed project can further enhance broadband connectivity and Internet access for our schools and students. The types of speeds, accessibility and diversity provided by this network will allow us to have all of the schools and support facilities on a diverse and affordable network. It would be our intention to explore utilizing this network to make our school system more efficient; while, reducing our communications expenditures.

Beyond the educational benefits, this network will enhance existing business and entice new businesses to an underdeveloped area of the state. Efficiency and productivity will improve wherever connectivity is required – from factories, to retail businesses, to health care and governmental operations.

We stand hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of southwest Virginia.

Sincerely,



Mr. Tommy P. Justus
Division Superintendent
Buchanan County Public Schools

Level 3 Communications Inc.
1025 Eldorado Boulevard
Broomfield, CO 80021

March 17, 2010

Mark Lane
Bristol Virginia Utilities Board
15022 Lee Highway
Bristol, Virginia 24203

Dear Mark,

I wanted to provide a letter from Level 3 of support for the NTIA application that you will be submitting

Level 3 Communications, LLC is a national and international service provider with network nodes near Bristol Virginia Utilities Board network. Level 3 has worked with Bristol Virginia Utilities Board in the past and will continue to do so. Bristol Virginia Utilities Boards network capabilities in the area provide a valuable source of connectivity for businesses and municipalities within their footprint. Being able to connect to companies like Level 3 offers those entities all of the national and international reach and resources that large metropolitan areas enjoy.

From its beginning, Level 3 was founded on the principles of the Silicon Economics(sm) cycle: create a global telecommunications network with the scale to reduce unit costs, stimulate demand with these lower costs, support that demand by scaling even more. Level 3 created a network that serves as a foundation for the communications services of the 21st century by providing information transmission over a fiber optic network and media delivery over a content delivery network.

In 1998, Level 3 constructed 19,600 route miles across the United States, and built the world's first continuously upgradeable network fully optimized for internet protocol (IP). Today, Level 3 operates one of the world's largest Internet backbones connecting more than 231 metropolitan markets across 21 countries. The network spans 52,000 intercity and 27,000 metropolitan route miles in North America and Europe.

Level 3 is one of only six Tier 1 Internet providers in the world. More than 80 percent of its revenue is derived from investment-grade or higher customers who trust the Level 3 network, including: the top 5 US wireless service providers; 19 of the world's top 20 telecom companies; 9 of the top 10 US ISPs; 9 of the 10 largest US cable companies; 9 of the 10 largest telecom carriers in Europe; and 3 of the top 4 telecom companies in Asia.

Level 3 values the relationship, and service that Bristol Virginia Utilities provides and gladly endorses their NTIA application being submitted.

Sincerely yours,

John P. Reid
Regional Carrier Account Manager
Level 3 Communications, Inc.

*Southwest Virginia Community College
Office of the President*

February 26, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Southwest Virginia Community College, I am very pleased to submit this letter of enthusiastic support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to increase broadband connectivity within southwest Virginia.

Rural areas face many challenges and receiving broadband Internet service is certainly among them. If you live in a heavily populated area, then running errands to pay utility bills, dropping by the bank or attending class at a community college or university can be achieved more easily since these services are located nearby. Ironically, in the heavily populated areas these same services are more likely to be available via the Internet, since broadband service is also available.

If you live in rural southwest Virginia, it could be more than 90 miles to the nearest college campus and your utility companies and bank could be nearly as far. Moreover, without affordable broadband Internet access, you simply have no other option for getting these services but to physically go get them. The 4-county region of southwest Virginia serviced by the Southwest Virginia Community College has a total population of 119,243 and covers over 1,800 square miles. Internet providers have simply not made the progress that is needed in these areas for providing broadband services.

SWCC needs a consolidated network that creates fiber connections to each of our fifteen off-campus locations. Additionally, a VoIP phone system and videoconferencing system can utilize this network, thus improving our efficiency and instructional diversity. Not only will this more advanced network significantly improve communications among the SWCC campuses, but can and should improve the ability to directly communicate with area businesses, residences and other public and private institutions.

The combined effect of the existing BVU/CPC broadband network and this proposed expansion makes the SWCC uniquely poised and ready to deliver educational and training services throughout our 4-county area, as well as, the region. High quality, media-rich online courses coupled with streaming video would then become accessible to the residents of our region. The installation and expansion of this carrier-class network with ultra-high speed capability is necessary to make access available and affordable.

*P. O. Box SVCC • Richlands • Virginia 24641-1101
Telephone: 276.964.7315 • Fax: 276.964.7615 • V/TDD: 276.964.7235
www.sw.edu*

Another very important aspect of this project proposal is that multiple vendors will be allowed access to the fiber backbone. Currently with only a limited number of vendors providing any fiber connectivity in our coverage area, the decision to change services for SWCC can't be based solely on the cost of services. Instead, changing services requires extensive re-cabling, increased costs and delays. This is because vendors do not share conduit or cabling and each must independently provide their own. This project would create new opportunities for vendors to provide less costly broadband services to customers like SWCC.

SWCC is a growing public institution. This institution will be increasing the number of web-based courses as well as the number of courses available through an interactive video network.

Currently, instructors and course content developers refrain from creating media-rich courses that would be impossible for students with dial-up Internet, DSL and cable modems, over outdated copper networks to receive. As a result, online education lacks some of the key course content that could be provided if broadband Internet were widely available throughout southwest Virginia.

With streaming video usually limited to campus locations, the expansion of advanced broadband capacity could easily make this educational resource more widely received. Although INTERNET2 projects have proven to be successful, it has long been a resource denied to community colleges and smaller universities. In our opinion, this initiative to expand a shared fiber-optic backbone and infrastructure in southwestern Virginia will be a resource of much greater value to SWVCC than even the INTERNET2 project. The reason being, it would be available to all area businesses, public institutions and residents. It will truly build an online community in southwestern Virginia.

Clearly, SWCC will benefit greatly from this project. While our own Internet service costs might be reduced, a ubiquitous network connecting the main campus with satellite campuses would make possible higher access speeds at reduced costs, as well as, enhance content and course offerings. The greater impact will be that our educational services will become more directly accessible to all of southwestern Virginians. It is our intention to utilize this type of network if and when it becomes available.

Kind regards,



Dr. J. Mark Estep

Mr. Larry Carr

Cumberland Plateau Planning District

PO Box 548

Lebanon, VA 24266

Dear Mr. Carr,

The purpose of this letter is to express my support for the application to install fiber from Haysi to Breaks. Last year Breaks Interstate Park saw an overall visitation of more than 320,000 people and had an overall economic impact on our area of \$7.1 million dollars. Not only is the need for fiber and high speed internet crucial to the operation of our park, but during any given weekend throughout much of the year, our park becomes one of the most populated towns/cities (comparatively speaking) in southwest Virginia. All of our visitors, who hail from virtually every state in the union and many foreign countries, gauge our entire region on the infrastructure found at Breaks Park. It is imperative that this project be continually pursued to offer internet and fiber capabilities to these people as well as the citizens of the Breaks community.

Again, I appreciate your effort to address the lack of critical infrastructure along State Route 80, and if there is anything more I can do to assist in its implementation, please don't hesitate to call me.

Sincerely,

Matthew O'Quinn

Superintendent

BURKE'S GARDEN TELEPHONE COMPANY, INC.

7044 Burke's Garden Rd. – Tazewell, VA. 24651

Phone 276-472-2345 Fax 276-472-2785

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

March 3, 2010

Dear Mr. Carr:

I appreciate the opportunity to write this letter in support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia.

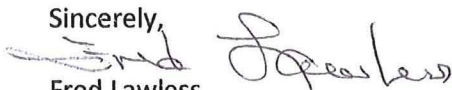
I am President and Chairman of the Board of Burke's Garden Telephone Company, an investor owned company established in 1899. The area that we operate in is a rural section of Tazewell County, Virginia where farming is the primary source of income. We offer our 173 customers local, long distance and a limited selection of DSL Internet access. Rural areas often have difficulty receiving broadband Internet services either because they are unavailable or unaffordable.

Herein is the predicament faced by our small telephone company. I currently have 3-T1 data circuits that supply my Internet access to the outside world. The cost of my Internet circuits are currently \$716.00 each and to increase my capacity to a fractional DS3 or a full DS3 would exceed \$11,000.00 per month and is not cost justifiable from my current provider. As of now, I have only one provider for the required data services. After discussions with representatives of BVU/CPC, I may have a choice of providers in the near future with the opportunity to increase my capacity at an affordable price.

The funding proposal being submitted by BVU will help expand a dynamic open access fiber-optic network, thus allowing companies like ours to have high-capacity, affordable access to a network that is globally connected. It would be my intentions to procure Internet capacity and other Broadband services that can be transported over this network. Access to this type of network offers me the opportunity to search for a video provider that will allow us to offer Video-over-IP to our subscribers.

This infrastructure proposal deserves funding to provide southwest Virginia with an opportunity to recruit new business and keep existing ones competitive.

Sincerely,



Fred Lawless

Burke's Garden Telephone Company

fblawless@bgtco.net

March 3, 2010

Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

It has become obvious to anyone with a laptop or a cell phone that the backbone to any infrastructure development is a strong and efficient network on which IT systems can thrive. It is with this in mind that Carilion Tazewell Community Hospital fully supports the funding application proposed by Bristol Virginia Utilities and the Cumberland Plateau Company.

The need for a competitively priced broadband network is of vital importance in today's healthcare environment. Moving large amounts of data between the hospital, its doctors and associated clinics and pharmacies is very important to our success. And now that we have moved to an electronic medical record (EMR), the means to transmit this mountain of data is a definite need.

Currently there are multiple providers with different technologies and different telecommunications infrastructure operating in our area. If this network expansion is funded this hospital will make every effort to promote the use and efficiencies associated with this 21st century network. A single, diverse and redundant operator with competitively priced and reliable broadband services is a must for our region.

Sincerely,



Christopher L. Wearmouth, MHA, FACHE
CEO – Carilion Tazewell Community Hospital



March 3, 2010

Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

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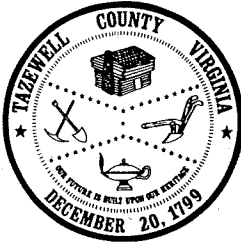
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Sincerely,

A handwritten signature in black ink, appearing to read 'C. Wearmouth', with a long horizontal flourish extending to the right.

Christopher L. Wearmouth, MHA, FACHE
CEO – Carilion Tazewell Community Hospital



Tazewell County Industrial Development Authority
TAZEWELL COUNTY, VIRGINIA

108 East Main Street • Tazewell, Virginia 24651 • Phone 276-988-1270 • Fax 276-988-2996

March 4, 2010

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Industrial Development Authority of Tazewell County, I write to advise you of our support for the efforts of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwestern Virginia.

As the Industrial Development Authority of Tazewell County strives to attract high tech business and industry, we understand the necessity of having competitive, fiber-optic delivered communication services available for potential clients who are considering our region as a location to conduct business.

Fiber-optic services are imperative as we market the area for future economic growth. The region has successfully attracted several information technology companies within southwestern Virginia as a result of the broadband connectivity efforts; however, the demand for technology infrastructure will only increase in the business world as we plan for the future. Whether the services are required by a resident tenant or a prospective business, the questions most frequently asked from future prospects is, "Do you have fiber optic service and is it redundant?"

Our business, industrial, and technology parks represent a diversified environment and our challenge will be to offer this fiber-optic infrastructure link as a priority to the business and educational world, so that we may prepare ourselves and our children for the competition that we face in a competitive global environment.

The role of Bristol Virginia Utilities/Cumberland Plateau Company has been and will continue to be vital in our quest for providing economic development and stability. The network expansion will improve our continued efforts to show prospects that we are prepared for their company's telecommunications needs by having access to a carrier-class, cutting-edge Broadband network. An open access network that promotes diverse and redundant providers has always impressed our prospects. Their continued success as a network operator and infrastructure provider will keep our communities competitive.

Sincerely,

Reverend Leon Yost,
Vice Chairman

INDUSTRIAL DEVELOPMENT AUTHORITY
OF BUCHANAN COUNTY

March 5, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

The Buchanan County Industrial Development Authority is very pleased to support the efforts of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia. We as an economic development group understand the necessity of having competitive, fiber-optic delivered communications services available for potential clients researching our area. Without this valuable "tool", you won't make the list.

Area development continues with great success; however, the most frequently asked question from future prospects continues to be, "do you have fiber optic service in this park or in the immediate area"? Whether it is a prospect or a resident tenant, the requirements for fiber-optic delivered services are the same, only more demanding as technology in the business world changes daily.

With a new 3,000 acre industrial and technology park; and our effort to diversify our economy, it is a challenge to offer this fiber-optic infrastructure link as a priority to the business and educational world, so that we may prepare ourselves and our children for the competition that we face in a competitive global environment.

BVU/CPC now plays and will continue to play a vital role in our quest for economic development. The network expansion will improve our continued efforts to show prospects that we are prepared for their company's telecommunications needs by having access to a carrier-class, cutting-edge Broadband network. An open access network that promotes diverse and redundant providers has always impressed our prospects. Their continued success as a network operator and infrastructure provider will keep our communities competitive.

Sincerely,



Craig Horn
Executive Director

BUCHANAN COUNTY BOARD OF SUPERVISORS

James Carroll Branham, Chairman
North Grundy District
William P. Harris, Vice-Chairman
Hurricane District
Terry Lee Hall
Knox District
Berlin Viars
Garden District
Carl Frankie Landreth
Rocklick District
Steve O'Quinn
Prater District
Garry Roger Rife
South Grundy District



William J. Caudill
County Administrator

Michael G. McGlothlin, Esq.
County Attorney

Lawrence L. Moise, III, Esq.
Deputy County Attorney

March 4, 2010

*Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266*

Dear Mr. Carr:

On behalf of the Buchanan County Board of Supervisors, I am delighted to offer support of the Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as we have witnessed the importance in our economic development efforts and the cost savings provided our localities.

If funded, the project would grow a state-of-the-art broadband infrastructure that can be utilized by our local governments, educational system, libraries, emergency services and healthcare community. We foresee this network offering point-to-point connections between local governments and within departments of each locality. Our water and sewer monitoring requirements can be enhanced through real-time data delivery. The E-911 and emergency services can look forward to enhanced wireless services across our county; where, the fiber-optic network can be used for backhaul from areas that are more remote.

Last and certainly not the least is the economic development tool this network brings to Buchanan County. Without this network and its continued growth, we would not have been successful in recruiting Sykes to our new Southern Gap Industrial Park. With the proposed funding in this application, we will be able to offer full route diversity and redundancy throughout the park. The proposed funding that will allow growth of the network is a necessity in our efforts to keep existing commercial and industrial clients competitive and in the expansion mode.

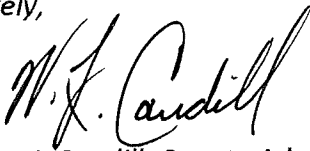
Administrative Office P. O. Drawer 950, GRUNDY, VIRGINIA 24614
Telephone (276) 935-6503
Fax: (276) 935-4479

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
March 4, 2010
Page 2

If this funding is approved, Buchanan County and its localities will utilize the services provided on this network. We feel that we are all partners in our efforts to provide Broadband services to both commercial and residential customers.

If you have any questions, please don't hesitate to contact me at 276.935.6501. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "W. J. Caudill". The signature is written in a cursive style with a large, prominent initial "W".

William J. Caudill, County Administrator

BUCHANAN COUNTY BOARD OF SUPERVISORS

James Carroll Branham, Chairman
North Grundy District
William P. Harris, Vice-Chairman
Hurricane District
Terry Lee Hall
Knox District
Berlin Viars
Garden District
Carl Frankie Landreth
Rocklick District
Steve O'Quinn
Prater District
Garry Roger Rife
South Grundy District



William J. Caudill
County Administrator

Michael G. McGlothlin, Esq.
County Attorney

Lawrence L. Moise, III, Esq.
Deputy County Attorney

March 4, 2010

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Buchanan County Emergency Management Department, I am very pleased to submit this letter of enthusiastic support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within Southwest Virginia.

The emergency management departments are often overlooked until needed, such as the recent snow storm on December 18th & 19th, 2009. With the proposed expansion of the fiber-optic broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire and rescue department locations, the hospital, the sheriff and local police departments, there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in Southwest Virginia. In areas where direct fiber connections are not available, wireless nodes could be installed and then backhauled over the fiber.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of our county and region.

Sincerely,

W. J. Caudill, County Administrator
and Emergency Management Director

cc: Kenneth Ratliff, Emergency Management Coordinator

Administrative Office P. O. Drawer 950, GRUNDY, VIRGINIA 24614
Telephone (276) 935-6503
Fax: (276) 935-4479



**CUMBERLAND PLATEAU REGIONAL
HOUSING AUTHORITY**

P. O. BOX 1328 / LEBANON, VIRGINIA 24266
Tel.: (276) 889-4910 / TDD# 1-800-545-1833 Ext. 418
FAX (276) 889-4615

Keith L. Viers, Executive Director

Andrew Chafin, Chairman
Eli B. Jones, Jr., Vice Chairman
Ronald L. Barrett, Commissioner
H. Truman Mullins, Commissioner
Janice Lee, Commissioner
James N. Horn, Commissioner

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

I am pleased to write this letter in support of the Bristol Virginia Utilities and the Cumberland Plateau Company's funding application to the NTIA to expand its fiber-optic backbone network. We are looking forward to the continued growth of this network and the opportunities that our organization can gain from this expansion.

As a key agency in our communities, it is our responsibility to serve the needs of low-income and very low-income families while providing decent, safe, and affordable housing and ensuring equal opportunity.

We would like to have our main office connected to our four satellite offices in the 4-county area of southwest Virginia. A single network providing diverse and reliable data services will improve our day-to-day operations and enhance our ability to serve the clients more efficiently. Sending large documents, such as construction drawings, work order changes, bills-of-material, etc., is currently handled by delivery services or at face-to-face meetings. Logistically this is very inefficient and costly. If this project is funded, we will then be able to connect all of our offices with data services, VoIP and video conferencing. We currently have data services with various providers, but the infrastructure varies and some of the services are unreliable and very costly.

It is our intention to secure our telecommunications services from BVU/CPC if the funding is secured.

Sincerely,


Keith L. Viers
Executive Director
Cumberland Plateau Regional Housing Authority



**EQUAL HOUSING
OPPORTUNITY**

Helping With The Housing Needs Of Buchanan, Dickenson, Russell and Tazewell Counties, Virginia
It Is Illegal To Discriminate Against Any Person Because of Race, Color, Religion, Sex, Handicap, Familial Status, or National Origin.

Members

Harry T. Rutherford, Chairman
S. Stephen Banner, Vice Chairman
J. C. Boyd, Member
N. A. "Tony" Dodi, Member
Michael L. Duty, Member
Fred W. Meade, Member
R. D. Snead, Member
Roger D. Sword, Member
Sam L. Whited, Member
James A. Gillespie, Sec./Treas.



**THE INDUSTRIAL DEVELOPMENT
AUTHORITY OF RUSSELL COUNTY
VIRGINIA**

137 Highland Drive
P.O. Box 1208
Lebanon, Virginia 24266

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Russell County Industrial Development Authority, I am very pleased to support the efforts of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia. We as an economic development group understand the necessity of having competitive, fiber-optic delivered communications services available for potential clients researching our area. Without this valuable "tool", you won't make the list.

Area development continues with great success; however, the most frequently asked question from future prospects continues to be, "do you have fiber optic service in this park or in the immediate area"? Whether it is a prospect or a resident tenant, the requirements for fiber-optic delivered services are the same, only more demanding as technology in the business world changes daily.

With several industrial and technology parks that represent a diversified environment, it is our challenge to offer this fiber-optic infrastructure link as a priority to the business and educational world, so that we may prepare ourselves and our children for the competition that we face in a competitive global environment.

BVU/CPC now plays and will continue to play a vital role in our quest for economic development. The network expansion will improve our continued efforts to show prospects that we are prepared for their company's telecommunications needs by having access to a carrier-class, cutting-edge Broadband network. An open access network that promotes diverse and redundant providers has always impressed our prospects. Their continued success as a network operator and infrastructure provider will keep our communities competitive.

Sincerely,

A handwritten signature in blue ink, appearing to read "Harry T. Rutherford", is written over a horizontal line.

Harry T. Rutherford
Chairman

Members

Mike Puckett, Chairman
Danny L. Brown, Vice Chairman
Jon Bowerbank
Robert J. Keene
Ernest "Shy" Kennedy
Bill Wampler

RUSSELL COUNTY



James A. Gillespie
County Administrator

P. O. Box 1208
Lebanon, Virginia 24266
Phone (276) 889-8000
Fax (276) 889-8011
russellcounty@bvunet.net

BOARD OF SUPERVISORS

March 2, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Russell County Board of Supervisors, I am very pleased to submit this letter of enthusiastic support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia.

Emergency services are often over looked until needed. With the proposed expansion of the fiber-optic Broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire department locations, the hospital, the Sheriff and local police departments, as well as, rescue squads; there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in southwest Virginia. In areas where direct fiber connections are not available, wireless nodes could be installed and then backhauled over the fiber.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of our county and region.

Sincerely,

A handwritten signature in blue ink that reads 'James A. Gillespie'. The signature is fluid and cursive, written over a white background.

James A. Gillespie
County Administrator



Russell County Public Schools

Lorraine C. Turner
Superintendent
P.O. Box 8 Lebanon, Virginia 24266

Office # (276) 889-6500 FAX # (276) 889-6508

School Board Members

Chairman, Carl Jackson Vice-Chairman, Charlie Collins Linda Cross Thomas Griffith Bob Hillman Fayrene Plaster

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

The Russell County School System would like to offer our full support to the Bristol Virginia Utilities and Cumberland Plateau Company funding application to expand its fiber-optic backbone network. If funded, this expansion would continue to enhance this state-of-the-art broadband infrastructure that can be utilized by our educational system.

As you may know, our educational system is increasingly reliant on technology. The curriculum requires it, but many families are unable to access the Internet because it is not offered in their areas except by dial-up by phone. In this age of high speed, phone dial-up is unacceptable and way too expensive for most parents to afford. If offered to larger groups of persons, the Russell County School System could offer more direct classes on-line for students, homework help, on-line books, and even GED study components. The cost of upgrading and maintaining the hardware and supporting infrastructure is enormous. Although broadband services are currently available to most of our schools, it is provided through multiple carriers with different levels of capacity, reliability and costs. With the proposed expansion and upgrades of the BVU/CPC network made possible through stimulus grant funding, this project can further enhance broadband connectivity and Internet access for our schools and students. The types of speeds, accessibility and diversity provided by this network will allow us to have all of the schools and support facilities on a diverse and affordable network. It would be our intention to explore utilizing this network to make our school system more efficient; while, reducing our communications expenditures.

Beyond the educational benefits, this network will enhance existing businesses and entice new businesses to an underdeveloped area of the state. The benefits to our schools from businesses would have a great capacity to offer site visitations by camera, on-the-job instruction for the vocational and career classes, and an exchange between personnel of businesses and teachers at any time. Efficiency and productivity will improve wherever connectivity is required – from factories, to retail businesses, to health care and governmental operations.

We are hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of Southwest Virginia.

Sincerely,



Lorraine C. Turner
Superintendent



We're With You For Life.

March 8, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, Virginia 24266

Dear Mr. Carr:

Buchanan General Hospital offers its support for the grant application by the Bristol Virginia Utilities and Cumberland Plateau Company. Buchanan General Hospital is a not-for-profit community hospital located in Grundy, Virginia.

The limited access of available network services, and the related costs in this rural area of Virginia, is of great concern for health care providers. The need to provide competitive Broadband network services is critical in meeting the demands of the massive amount of medical information sent and received.

If successful, the project would provide hospitals, and clinics all over the area, access to high-speed connection, and at a reduced cost. The Broadband expansion would enhance the transfer of medical information between hospital departments, physician offices, pharmacies, etc., and reduce the need for physicians to travel to the hospital or clinic.

If funded, Buchanan General Hospital will enthusiastically promote the use of this network.

Sincerely,

Joan Jamison, CEO

xc: Rita Ramey, Director of Information Systems



We're With You For Life.

March 10, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, Virginia 24266

Dear Mr. Carr:

This letter is in support of the grant application submitted to the National Telecommunications and Information Administration by Bristol Virginia Utilities and Cumberland Plateau Company. Buchanan General Hospital is a rural, acute care, medical facility located in Grundy, Virginia. Buchanan General Hospital serves patients from the Virginia counties of Buchanan, Dickenson, Tazewell, and Russell, as well as Pike County, KY and McDowell County, WV.

The technology services available to healthcare providers in this area are limited and expensive. Southwest Virginia needs competitive technology choices, not only for health care, but also for businesses and residential areas. Advanced technology will promote economic growth while providing more jobs for local citizens.

This project would provide hospitals and clinics in the service area access to high-speed fiber connections at reduced costs. It would also improve the transfer of medical information throughout the region and reduce travel for patients and medical personnel.

The availability of this network will greatly benefit the Buchanan General Hospital IT Department, the hospital, the surrounding medical community and the local community.

Very truly yours,

A handwritten signature in cursive script that reads "Rita Ramey".

Rita Ramey
Information Systems Director
Buchanan General Hospital



The University of Virginia's College at Wise

March 9, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of The University of Virginia's College at Wise's Office of Economic Development, I'm very pleased to submit this letter of support for the Bristol Virginia Utilities/Cumberland Plateau Company initiative to increase broadband connectivity within Southwest Virginia.

The combined effect of the existing BVU/CPC broadband network and this proposed expansion not only improves the communications among UVa-Wise campuses, but can and should improve the ability to directly communicate with area businesses, residences and other public and private institutions.

As we continue to expand media-rich online course offerings, student access to broadband resources is key to the success of this effort. With streaming video usually limited to campus locations, the expansion of advanced broadband capacity could easily make this educational resource more widely received. Much work exists to increase the educational attainment level of our citizens and access to broadband resources brings a two-year and four-year degree closer to reality for many residents.

Although the proposed expansion of broadband will have direct impact on access to educational resources, access to healthcare resources will also be positively impacted. This project will enable delivery of telemedicine services through the University of Virginia via effective use of Movi desktop videoconferencing for health patient care, conferencing and learning as well.

Clearly, UVa-Wise and Southwest Virginia citizens will benefit from this project. Educational services and healthcare outreach will become more directly accessible to all of southwest Virginians.

I look forward to the successful implementation of this broadband expansion and if I may be of assistance, please do not hesitate to contact me at 276-889-8184.

Sincerely,

A handwritten signature in cursive script that reads "Shannon R. Blevins".

Shannon R. Blevins
Director of Economic Development
The University of Virginia's College at Wise

Buchanan County
P.O. Box 618
1051 Rosebud Road
Grundy, VA 24614
Phone: 276-935-4591
Fax: 276-935-4537

Dickenson County
P.O. Box 768
334 Brush Creek Road
Clintwood, VA 24228
Phone: 276-926-4979
Fax: 276-926-4427



Russell County
P.O. Box 2347
75 Rogers Street
Lebanon, VA 24266
Phone: 276-889-7621
Fax: 276-889-7695

Tazewell County
P.O. Box 350
253 Chamber Drive
Tazewell, VA 24651
Phone: 276-988-5585
Fax: 276-988-5471

COMMONWEALTH OF VIRGINIA

VIRGINIA DEPARTMENT OF HEALTH

John J. Dreyzehner, M.D., M.P.H.
District Director

Cumberland Plateau Health District
P.O. Box 2347 ~ 75 Rogers Street
Lebanon, VA 24266

**Stewards for Optimum
Community Health**

"CPHD: Protecting You and Your Environment – Better Health, Better Home, Better Horizons!"

March 5, 2010

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Cumberland Plateau Health District, which provides public health and health care services to Buchanan, Dickenson, Russell and Tazewell counties, I appreciate the opportunity to extend full support to Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as it will provide tremendous benefit to our communities' health and economic development. Broadband infrastructure is critical for jobs, education and health in rural America.

We are proud that our region is one of the national leaders in the move to fully integrate health information exchange (including the use of electronic medical records) into health care practice at all levels and between organizations, from the small physician's practice to the large corporate hospital. CareSpark, our non-profit and nationally recognized leading regional health information organization already has 330,000 patients and 250 clinicians participating in our region and is growing quickly. Improving healthcare providers' access to fast, redundant and competitively priced internet connectivity is essential to our vision of health improvement for the region. Broadband also will improve access to telemedicine services, patients' access to their important health records while increasing healthcare efficiency and access, decreasing costs, and improve the health of our communities through better data driven decision making and real time, individually tailored decision support at the point of care.

This network would also allow our public health agencies to respond more quickly and efficiently in an emergency: having redundant and reliable means of communication will improve our ability to provide medical care in emergency shelters, perform rapid needs assessments in our communities and request outside assistance. It also opens the doors to many other possibilities like: providing remote classroom instruction in public health topics like epidemiology, nursing, and environmental health; and allowing us to interact with businesses and industries for employee training and safety and issuing health alerts.

In summary, we fully intend to utilize this network to promote health improvement, facilitate information exchange and deliver health information to more of our citizens.



<http://www.vdh.virginia.gov>

Sincerely,



John Dreyzehner, MD, MPH, FACOEM
Cumberland Plateau Health District Director
Immediate Past Chairman of the Board, CareSpark Inc.



<http://www.vdh.virginia.gov>



We're With You For Life.

March 8, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, Virginia 24266

Dear Mr. Carr:

Buchanan General Hospital offers its support for the grant application by the Bristol Virginia Utilities and Cumberland Plateau Company. Buchanan General Hospital is a not-for-profit community hospital located in Grundy, Virginia.

The limited access of available network services, and the related costs in this rural area of Virginia, is of great concern for health care providers. The need to provide competitive Broadband network services is critical in meeting the demands of the massive amount of medical information sent and received.

If successful, the project would provide hospitals, and clinics all over the area, access to high-speed connection, and at a reduced cost. The Broadband expansion would enhance the transfer of medical information between hospital departments, physician offices, pharmacies, etc., and reduce the need for physicians to travel to the hospital or clinic.

If funded, Buchanan General Hospital will enthusiastically promote the use of this network.

Sincerely,

Joan Jamison, CEO

xc: Rita Ramey, Director of Information Systems



March 16, 2010

DCWIN
P.O. Box 2049
Clintwood, VA 24228

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr,

On behalf of Dickenson County Wireless Integrated Network, I am very pleased to submit this support letter of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to increase broadband connectivity within southwest Virginia. DCWIN is a county owned and supported wireless network that serves approximately 395 customers with last-mile internet service.

The proposed BVU/CPC fiber-optic infrastructure expansion will allow our wireless operation the option to purchase wholesale internet bandwidth from multiple carriers at diverse locations. If this project is funded, we will negotiate with BVU/CPC for all or part of our bandwidth needs. In addition, access to this infrastructure will open more backhaul opportunities for our future expansion to areas that are not currently served by any providers and allow DCWIN to reach more residences and businesses with less investment.

Supplying the need for last-mile high speed internet connectivity to the citizens and businesses of southwest Virginia is very important for our community. DCWIN provides a vital service to Dickenson County and welcomes the help of BVU/CPC to complete our mission.

Sincerely,

A handwritten signature in black ink that reads "Amanda Perrigan". The signature is written in a cursive, flowing style.

Amanda Perrigan
Wireless Administrative Specialist

Dickenson County Enhanced 911 Office
P.O. Box 2050
Clintwood, Virginia 24228

MARK CVETNICH
E-911 Manager and
Director of Operations



Office 276-926-6330
FAX 276-926-8890
E-mail markc@dc911.org

March 5, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Dickenson County E-911, I am very pleased to submit this letter of support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia.

Emergency services are often over looked until needed. With the proposed expansion of the fiber-optic Broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire department locations, the hospital, the Sheriff and local police departments, as well as, rescue squads; there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in southwest Virginia.

With the current need of high speed data connectivity that the Southwest Virginia Public Service Answering Points (PSAP's) are in need of, your network would be of great benefit and a truly valuable connection. Without this connectivity we will not be able to share equipment and data which would save each PSAP money. By sharing very expensive equipment, it would also allow us to share information in a real time environment which would increase our effectiveness in law enforcement and sharing resources in emergency situations.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of our county and region.

Sincerely,



March 12, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Dickenson County Chamber of Commerce, I am delighted to support Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as we have witnessed the importance in our economic development efforts and the cost savings provided our localities.

If funded, the project would grow a state-of-the-art broadband infrastructure that can be utilized by our local governments, educational system, libraries, emergency services and healthcare community. We foresee this network offering point-to-point connections between local governments and within departments of each locality. Our water and sewer monitoring requirements can be enhanced through real-time data delivery. The E-911 and emergency services can look forward to enhanced wireless services across our county; where, the fiber-optic network can be used for backhaul from areas that are more remote.

Last and certainly not the least is the economic development tool this network brings to Dickenson County. Without this network and its continued growth, we could not be successful in recruiting. The proposed funding that will allow growth of the network is a necessity in our efforts to keep existing commercial and industrial clients competitive and expanding.

If this funding is approved, Dickenson County and its localities will utilize the services provided on this network. We feel that we are all partners in our efforts to provide Broadband services to both commercial and residential customers.

Sincerely,

A handwritten signature in black ink that reads "Rita Surratt". The signature is written in a cursive, flowing style.

Rita Surratt
President/CEO
Dickenson County Chamber of Commerce

PO Box 1207
Phone: (276) 889-3031
Fax: (276) 889-2662



RAYMOND E. HARRISON, JR.
Director

County of Russell
DEPARTMENT OF SOCIAL SERVICES
Lebanon, Virginia 24266

March 11, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
PO Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Russell County Department of Social Services, I appreciate the opportunity to extend full support to Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as it can be of tremendous benefit to our citizens in the areas of business, recreation, information access and much more.

This project will provide the basic components to allow more folks to access human services information. Information obtained via Broadband Internet can assist individuals and families with the ability to make good decisions and choices. The connections and expansion provided by this proposal can open up human service issues to many residents in our region that would otherwise be left out of the sphere of inclusion.

In summary, we fully intend to utilize this network to promote our services to more of our citizens.

Sincerely,

Raymond E. Harrison, Jr.
Director

REH/apc

**Dickenson County Enhanced 911 Office
P.O. Box 2050
Clintwood, Virginia 24228**

MARK CVETNICH
E-911 Manager and
Director of Operations



Office 276-926-8330
FAX 276-926-8890
E-mail markc@dc911.org

March 5, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Dickenson County E-911, I am very pleased to submit this letter of support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia.

Emergency services are often over looked until needed. With the proposed expansion of the fiber-optic Broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire department locations, the hospital, the Sheriff and local police departments, as well as, rescue squads; there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in southwest Virginia.

With the current need of high speed data connectivity that the Southwest Virginia Public Service Answering Points (PSAP's) are in need of, your network would be of great benefit and a truly valuable connection. Without this connectivity we will not be able to share equipment and data which would save each PSAP money. By sharing very expensive equipment, it would also allow us to share information in a real time environment which would increase our effectiveness in law enforcement and sharing resources in emergency situations.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of our county and region.

Sincerely,



March 16, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of The Bluefield College, I'm very pleased to submit this letter of support for the Bristol Virginia Utilities/Cumberland Plateau Company initiative to increase broadband connectivity within Southwest Virginia.

Bluefield College is a growing private college striving to meet the educational gaps that still exist in the surrounding eight counties of Bland, Buchanan, Dickenson, Russell, Smyth, Tazewell, Washington and Wythe. The majority of the students that attend the college are from this region. We are very proud of our rich history of servicing these communities. In the last 15 years we have taken bold steps to expand educational opportunities to these communities by hosting programs either physically located in their towns and cities or via on-line courses.

To be able to continue to meet requests and demands for programming high capacity network connection is critical. Not only the availability of it to exist but the affordability so that residential and non-residential users can subscribe. It is our opinion this can and will be accomplished by the Cumberland Plateau Company if awarded support to expand the existing fiber-optic network of Bristol Utilities and Cumberland Plateau Company.

As Bluefield College looks into the future of education in this region, we are examining closely degrees that will have the biggest impact on our workforce. We plan to launch on-line degrees in criminal justice and a hybrid healthcare degree-with a large portion being delivered through streamed video and on-line course. We also have plans to potentially deliver programming to and from the closed high school in Pocahontas, Virginia. We believe we can be of assistance in revitalizing that community along with creating economic development and educational opportunities that currently do not exist. We are relying heavily on the broadband network's capacity for the success of these three projects to increase education levels and improve the health and safety of Southwest Virginia.

If I, or any others here at Bluefield College can be of assistance please let us know.

Sincerely,

Ruth Blankenship

Ruth Blankenship
Vice President for Institutional Advancement

Dickenson County Board of Supervisors

BOARD OF SUPERVISORS

ROGER STANLEY, CHAIRMAN
WILLIS DISTRICT

DELANO SYKES, VICE-CHAIRMAN
SANDLICK DISTRICT

TEDDY BAILEY
ERVINTON DISTRICT

SHELBY WILLIS
KENADY DISTRICT

DONNIE W. RIFE
CLINTWOOD DISTRICT



COUNTY ADMINISTRATOR
MARK S. VANOVER

P.O. Box 1098
Clintwood, Virginia 24228
Telephone: 276/926-1676
Fax: 276/926-1649
mark.vanover@bos.dcwin.org

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of Dickenson County Board of Supervisors, I am delighted to support Bristol Virginia Utilities and the Cumberland Plateau Company's ARRA funding application to expand its fiber-optic backbone network. We are excited about the continued growth of this network, as we have witnessed the importance in our economic development efforts and the cost savings provided our localities.

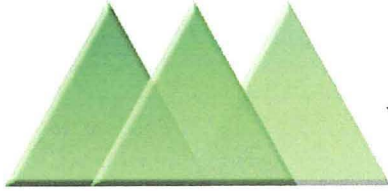
If funded, the project would grow a state-of-the-art broadband infrastructure that can be utilized by our local governments, educational system, libraries, emergency services and healthcare community. We foresee this network offering point-to-point connections between local governments and within departments of each locality. Our water and sewer monitoring requirements can be enhanced through real-time data delivery. The E-911 and emergency services can look forward to enhanced wireless services across our county; where, the fiber-optic network can be used for backhaul from areas that are more remote.

Last and certainly not the least is the economic development tool this network brings to Dickenson County. Without this network and its continued growth, we could not be successful in recruiting. The proposed funding that will allow growth of the network is a necessity in our efforts to keep existing commercial and industrial clients competitive and expanding.

If this funding is approved, Dickenson County and its localities will utilize the services provided on this network. We feel that we are all partners in our efforts to provide Broadband services to both commercial and residential customers.

Sincerely,

Mark S. Vanover
County Administrator



VMMicro.Net

by Virginia Mountain Micro

March 12, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

It is my pleasure to support the funding application being proposed by Bristol Virginia Utilities and the Cumberland Plateau Company. I currently own and operate a Wireless ISP (WISP) in the 4-counties of the Cumberland Plateau Company. I have been in operation since January 1994 and have purchased wholesale bandwidth from BVU/CPC for the past 5 years.

If BVU/CPC receives the requested funding amount and is allowed to expand its fiber-optic infrastructure, I will continue to purchase my bandwidth requirements from BVU, while expanding my wireless services into other unserved and underserved communities. I feel that my company works well with BVU/CPC in providing last-mile connectivity to residential and SOHO customers, inaccessible by their current infrastructure. The backhaul capability from this expansion project will allow me to provide a wider coverage area with a diverse and redundant infrastructure partner.

Sincerely,

Steve VanDyke
President
VMMicro.Net

1103C Plaza Drive
Grundy, Virginia 24614
Voice: 276.935.8307
Fax: 276.935.5899





Industrial Development Authority of Dickenson County

1019 Happy Valley Dr.
P.O. Box 1989
Clintwood, VA 24228
Telephone: (276) 926-1699
Fax: (276) 926-4198

Board of Directors

Roger Deel, Chairman
Allen Compton, Vice Chairman
Vonda Buchanan, Board Secretary
Gerald Gray
Talbert Bolling
Roger Rose
Bobby Perrigan

Director

Charlotte Mullins
charlotte.mullins@ida.dwin.org
275-0896

Administrative Assistant

Mitzi Sykes
mitzi.sykes@ida.dwin.org

March 9, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of the Dickenson County Industrial Development Authority, I am very pleased to support the efforts of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within southwest Virginia. We as an economic development group understand the necessity of having competitive, fiber-optic delivered communications services available for potential clients researching our area. Without this valuable "tool", you won't make the list.

Area development continues with great success; however, the most frequently asked question from future prospects continues to be, "do you have fiber optic service in this park or in the immediate area"? Whether it is a prospect or a resident tenant, the requirements for fiber-optic delivered services are the same, only more demanding as technology in the business world changes daily.

With several industrial and technology parks that represent a diversified environment, it is our challenge to offer this fiber-optic infrastructure link as a priority to the business and educational world, so that we may prepare ourselves and our children for the competition that we face in a competitive global environment.

BVU/CPC now plays and will continue to play a vital role in our quest for economic development. The network expansion will improve our continued efforts to show prospects that we are prepared for their company's telecommunications needs by having access to a carrier-class, cutting-edge Broadband network. An open access network that promotes diverse and redundant providers has always impressed our prospects. Their continued success as a network operator and infrastructure provider will keep our communities competitive.

Sincerely,

Charlotte Mullins



The University of Virginia's College at Wise

March 9, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

On behalf of The University of Virginia's College at Wise's Office of Economic Development, I'm very pleased to submit this letter of support for the Bristol Virginia Utilities/Cumberland Plateau Company initiative to increase broadband connectivity within Southwest Virginia.

The combined effect of the existing BVU/CPC broadband network and this proposed expansion not only improves the communications among UVA-Wise campuses, but can and should improve the ability to directly communicate with area businesses, residences and other public and private institutions.

As we continue to expand media-rich online course offerings, student access to broadband resources is key to the success of this effort. With streaming video usually limited to campus locations, the expansion of advanced broadband capacity could easily make this educational resource more widely received. Much work exists to increase the educational attainment level of our citizens and access to broadband resources brings a two-year and four-year degree closer to reality for many residents.

Although the proposed expansion of broadband will have direct impact on access to educational resources, access to healthcare resources will also be positively impacted. This project will enable delivery of telemedicine services through the University of Virginia via effective use of Movi desktop videoconferencing for health patient care, conferencing and learning as well.

Clearly, UVA-Wise and Southwest Virginia citizens will benefit from this project. Educational services and healthcare outreach will become more directly accessible to all of southwest Virginians.

I look forward to the successful implementation of this broadband expansion and if I may be of assistance, please do not hesitate to contact me at 276-889-8184.

Sincerely,

A handwritten signature in black ink that reads "Shannon R. Blevins".

Shannon R. Blevins
Director of Economic Development
The University of Virginia's College at Wise



A Region Connected

Cumberland Plateau Planning District

March 9, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

The Cumberland Plateau Planning District Commission strongly supports the application by Bristol Virginia Utilities for federal funding to expand their existing fiber-optic network in Buchanan, Dickenson, Russell and Tazewell Counties. The Cumberland Plateau Planning District Commission provides technical assistance to our local governments in developing economic and community development project. This expanded network will be of great benefit to these efforts.

In particular, this proposal will support the numerous downtown revitalization projects now underway or being developed in our district. They include the Towns of Honaker, Haysi, Tazewell, Pocahontas, Cleveland and Bluefield. In each case, the availability of state-of-the-art fiber optic backbone greatly enhances the economic re-structuring strategies that our small downtowns adopt. The ability to attract new IT-related start-up businesses or to establish an anchor for a heritage trail is greatly increased with this quality of broadband availability.

The towns in our district, once vital commercial centers serving the coal, timber and tobacco farming sectors, have been on the decline over the last 50 – 60 years as these economic sectors declined. The availability of this IT infrastructure gives hope that their decline can be reversed.

Sincerely,

James A. Baldwin
Executive Director

www.cppdc.org • www.cumberlandbroadband.com

P. O. Box 548 • Phone (276) 889-1778 • Fax (276) 889-5732 • Lebanon, Virginia 24266

Serving Buchanan, Dickenson, Russell, and Tazewell Counties

Buchanan County Public Schools

P. O. Box 833
Grundy, Virginia 24614

TOMMY P. JUSTUS
Division Superintendent
E-Mail: tjustus@buc.k12.va.us

Phone: (276) 935-4551
Fax: (276) 935-7150
(276) 935-6091
Joyce L. Presley, Clerk

"Our Children, Our Future, Our Responsibility"

SCHOOL BOARD MEMBERS:
Larry Q. Looney, Chairman
Clarence Brown, Jr., Vice Chairman
Paul L. Hayes
Willie R. Sullivan
John Wayne Deskins
Austin H. Crumpton
Robert C. Stiltner

March 4, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

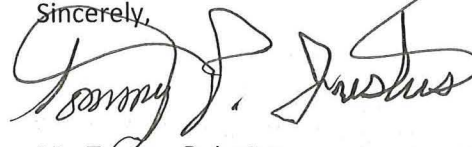
On behalf of the Buchanan County School system, I would like to offer my support to the funding application for Bristol Virginia Utilities and the Cumberland Plateau Company to expand and enhance its fiber-optic backbone network. If funded, the project would create a ubiquitous, state-of-the-art broadband infrastructure that our educational system can utilize.

Although broadband services are currently available to most of our schools, it is provided through multiple carriers with different levels of capacity, reliability and costs. With the proposed expansion and upgrades of the BVU/CPC network made possible through stimulus grant funding, this proposed project can further enhance broadband connectivity and Internet access for our schools and students. The types of speeds, accessibility and diversity provided by this network will allow us to have all of the schools and support facilities on a diverse and affordable network. It would be our intention to explore utilizing this network to make our school system more efficient; while, reducing our communications expenditures.

Beyond the educational benefits, this network will enhance existing business and entice new businesses to an underdeveloped area of the state. Efficiency and productivity will improve wherever connectivity is required – from factories, to retail businesses, to health care and governmental operations.

We stand hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of southwest Virginia.

Sincerely,



Mr. Tommy P. Justus
Division Superintendent
Buchanan County Public Schools

Tazewell County Public Schools

209 West Fincastle
P. O. Box 927
Tazewell, VA 24651-0927

*School Board Members:
Mike Dennis, Chairman
Randy Conn*

*Steve Davis
Estelle "Cookie" Johnson
David Woodard*

March 10, 2010

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

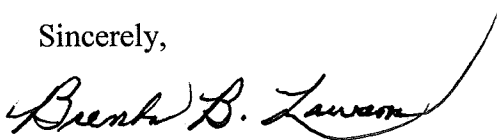
The Tazewell County School system supports the funding application for Bristol Virginia Utilities and the Cumberland Plateau Company to expand and enhance its fiber-optic backbone network. If funded, the project would create a ubiquitous, state-of-the-art broadband infrastructure that our educational system can utilize.

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We stand hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of southwest Virginia.

Sincerely,



Brenda B. Lawson, Ed.D.
Division Superintendent

Tazewell County Public Schools

209 West Fincastle

P. O. Box 927

Tazewell, VA 24651-0927

*School Board Members:
Mike Dennis, Chairman
Randy Conn*

*Steve Davis
Estelle "Cookie" Johnson
David Woodard*

March 10, 2010

Mr. Larry Carr, Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

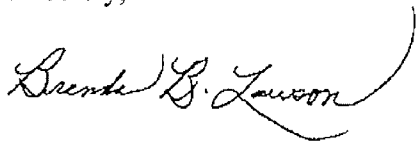
The Tazewell County School system supports the funding application for Bristol Virginia Utilities and the Cumberland Plateau Company to expand and enhance its fiber-optic backbone network. If funded, the project would create a ubiquitous, state-of-the-art broadband infrastructure that our educational system can utilize.

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We stand hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of southwest Virginia.

Sincerely,



Brenda B. Lawson, Ed.D.
Division Superintendent



COMMONWEALTH of VIRGINIA

Office of the Governor

Robert F. McDonnell
Governor

March 8, 2010

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

Dear Secretary Strickling:

One of the most important challenges I face, as Governor of Virginia, is ensuring that all businesses and citizens of the Commonwealth have access to affordable and reliable broadband infrastructure and applications.

The second round broadband funding opportunities outlined by the National Telecommunications Information Administration in the Broadband Technology Opportunities Program (BTOP) can serve as a catalyst for substantial economic gains in our rural communities. Utilizing funding from the American Recovery and Reinvestment Act for middle broadband infrastructure deployment, programs to build sustainable broadband demand, and supporting public computing centers will allow NTIA to achieve its goal of creating jobs, closing the gap in broadband access, and generating increased investment and demand for broadband services and applications. It will also provide the opportunity for communities to attain the infrastructure and support vehicles necessary to greatly improve the quality of life for those hardest hit by economic challenges.

I am pleased that Virginia was able to capture funding during the first iteration of the program, and I urge you to give strong consideration to the many applications from Virginians submitted for consideration during the second round of the Broadband Technology Opportunities Program.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert F. McDonnell".

Robert F. McDonnell

RFM/mb

Cable Plus Inc
P.O. Box 1030
Honaker, VA 24260

March 8, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

I appreciate the opportunity to support the funding application being proposed by Bristol Virginia Utilities and the Cumberland Plateau Company. I am very pleased to say that my small privately- owned Internet and CATV company has operated on the existing network to provide CATV and has purchased wholesale bandwidth from BVU/CPC for the past __ years.

Rural areas, such as southwest Virginia, face many challenges and receiving low-cost broadband Internet service is one of them. I have had the opportunity to expand my business into areas where Internet service has been, non-existent, unreliable or too expensive. With the expansion of the BVU/CPC network, it will allow me to continue to grow and to extend higher capacity and affordable bandwidth in the last-mile arena for residential customers.

If this proposal is funded, I will definitely grow my business and will continue to purchase my wholesale data services from BVU/CPC. Without the expansion of this network many unserved and underserved areas will remain without this valuable and necessary service. The geographic conditions within our 4-county area make it difficult to utilize wireless networks, so a wired solution is best served in southwest Virginia and my company can provide the last-mile connectivity to many areas.

Sincerely,



Tazewell County Virginia

"Bound For Progress"

David R. Anderson, Vice Chairman
Eastern District

James T. Campbell, Supervisor
Northern District

Seth R. White, Chairman
Northwestern District

James H. Spencer, III
County Administrator

John M. Absher, Supervisor
Western District

D. Michael Hymes, Supervisor
Southern District

March 2, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

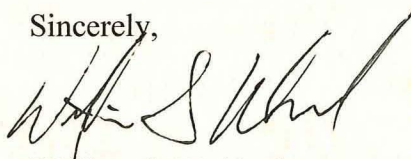
Dear Mr. Carr:

On behalf of Tazewell County Public Safety, I am very pleased to submit this letter of support of the Bristol Virginia Utilities/Cumberland Plateau Company initiative to expand broadband connectivity within the southwest region of Virginia.

Emergency services are often over looked until needed. With the proposed expansion of the fiber-optic Broadband backbone, I see this as an opportunity to immediately improve and expand our communications capability. With fiber-optic infrastructure available at all of our fire department / rescue squad locations, the hospital, the Sheriff's office and local police departments; there is no reason that a seamless network could not be created with the added functionality of connecting all other counties in southwest Virginia. In areas where direct fiber connections are not available, wireless nodes could be installed and then backhauled over the fiber.

Rural areas such as ours face many challenges and dependable, flexible and cost effective communications is often paramount among them. If this project is funded, we will work diligently with BVU/CPC to utilize this robust network for the betterment of the citizens of Tazewell County and the southwest region.

Sincerely,



William S. Wolford
Director of Public Safety and Technology



Haydee Robinson
Superintendent

Dickenson County Public Schools

P.O. Box 1127, Volunteer Street
Clintwood, Virginia 24228
Phone (276) 926-4643 Fax (276) 926-6374

"Pursuing Academic Excellence"



*"The Torch of Knowledge Disperses
The Darkness of Ignorance."*

Mar. 22, 2010

Mr. Larry Carr
Executive Director
Cumberland Plateau Company
P.O. Box 548
Lebanon, VA 24266

Dear Mr. Carr:

The Dickenson County School system supports the Bristol Virginia Utilities and Cumberland Plateau Company funding application to expand its fiber-optic backbone network. If funded, the project would create a state-of-the-art broadband infrastructure that can be utilized by our educational system.

As you may know, education is increasingly reliant on technology. The curriculum requires it, while the students and teachers demand it. The cost of upgrading and maintaining the hardware and supporting infrastructure is enormous. Although broadband services are currently available to most of our schools, it is provided through multiple carriers with different levels of capacity, reliability and costs. With the proposed expansion and upgrades of the BVU/CPC network made possible through stimulus grant funding, this project can further enhance broadband connectivity and Internet access for our schools and students. The types of speeds, accessibility and diversity provided by this network will allow us to have all of the schools and support facilities on a diverse and affordable network. It would be our intention to explore utilizing this network to make our school system more efficient; while, reducing our communications expenditures.

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We stand hopeful that Federal dollars can be applied to improving and expanding the fiber-optic backbone for the counties of southwest Virginia.

Sincerely,

Haydee L. Robinson,
Division Superintendent

Grant Review Committee
Broadband Technology Opportunities Program
National Telecommunications and Information
Administration
US Department of Commerce
HCHB, Room 4812
1404 Constitution Avenue, NW
Washington, DC 20230



1100 Confroy Drive Box 4
South Boston, VA 24592
Phone: 434.570.1307

Grant Review Committee:

As General Manager of Mid-Atlantic Broadband Cooperative (MBC) in South Boston, Virginia, I am writing this letter of support for the Bristol Virginia Utilities Board (BVUB) grant request. MBC was formed to construct a fiber optic broadband network in Southern Virginia through grants from the Virginia Tobacco Indemnification and Community Revitalization Commission and the US Department of Commerce. The purpose of this network is to provide the infrastructure necessary to attract business and industry to a region that has been hard hit with thousands of job losses associated with manufacturing contraction in areas such as textiles, furniture manufacturing, and with agricultural contraction associated with the restructuring of the tobacco industry.

MBC has an affiliation with BVUB through a joint venture called LIT Networks so MBC is in full support of their proposed expansion along the I-81 corridor from Bristol to Wytheville, VA.

Having recently been awarded NTIA funding on Grant Request 972, MBC would like to express its appreciation for the support given to Southern Virginia by the NTIA to enrich the lives of its citizens by extending broadband access to unserved and underserved areas, and we would ask that you continue with this support with funding the request submitted by BVUB that will allow MBC and BVUB to expand broadband access to an even larger footprint.

Best regards,

Gray Ramsey
General Manager
Mid-Atlantic Broadband Cooperative
3/5/2010
