#### NJEDGE.NET, INC. (A New Jersey Not-for-Profit Organization)

For the Years Ended June 30, 2009 and 2008

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## AMPER, POLITZINER & MATTIA, LLP

Independent Auditors' Report

To the Board of Trustees of NJEDge.Net, Inc.

We have audited the accompanying statements of financial position of NJEDge.Net, Inc. (A New Jersey not-for-profit organization) (the "Organization") as of June 30, 2009 and 2008, and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of the Organization's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Organization's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test he page, or located at the top orounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of NJEDge.Net, Inc. as of June 30, 2009 and 2008, and the changes in its net assets and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Amper, Politziner & Mattia, LLP

October 2, 2009 Bridgewater, New Jersey

# NJEDGE.NET, INC. (A New Jersey Not-for-Profit Organization) Statements of Financial Position June 30,



See accompanying notes to financial statements.

# NJEDGE.NET, INC. (A New Jersey Not-for-Profit Organization) Statements of Activities For the Years Ended June 30,



See accompanying notes to financial statements.

# NJEDGE.NET, INC. (A New Jersey Not-for-Profit Organization) Statements of Cash Flows For the Years Ended June 30,



#### Note 1 - Summary of Significant Accounting Policies

#### Organization

NJEDge.Net, Inc. (the "Organization"), a New Jersey not-for-profit organization, operates a broadband network linking institutes of higher education in the State of New Jersey. The Organization also provides training and other curriculum related to technology.

The Organization is located in Newark and is housed inside of the New Jersey Institute of Technology ("NJIT"). NJIT provides support services for the Organization, including accounting tasks.

#### Basis of Presentation

The accompanying financial statements are prepared on the accrual basis of accounting and present balances and transactions based on the existence or absence of donor-imposed restrictions. Accordingly, net assets and changes therein are classified as follows:

- Permanently restricted net assets net assets subject to donor-imposed restrictions in perpetuity.
- Temporarily restricted net assets net assets subject to donor-imposed restrictions that will be met by actions of the Organization or the passage of time.
- Unrestricted net assets net assets not subject to donor-imposed restrictions.

#### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingencies, if any, at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

#### Public Support and Revenues

The Organization recognizes dues and fee revenue for network services it provides when they are provided to the members.

Contributions are recognized when the donor makes a promise to give to the Organization that is, in substance, unconditional. Contributions that are restricted by the donor are reported as increases in unrestricted net assets if the restrictions expire in the fiscal year in which the contributions are recognized. All other donor-restricted contributions are reported as increases in temporarily or permanently restricted net assets depending on the nature of the restrictions. When a restriction expires, temporarily restricted net assets are reclassified to unrestricted net assets.

#### Note 1 - <u>Summary of Significant Accounting Policies</u> (continued)

#### Accounts Receivable

Accounts receivable include member billings not collected. Revenue is recognized when services are performed.

Bad debts are provided on the allowance method based on historical experience and management's evaluation of outstanding accounts receivable. Accounts are written off when they are deemed uncollectible. At June 30, 2009 and 2008, there was no allowance for doubtful accounts.

#### Deferred Revenues

Member payments for dues and/or services that are paid in advance are recorded as deferred revenue and are earned over future periods.

#### Income Taxes

The Internal Revenue Service has recognized the Organization as tax exempt under Section 501(c)(3) of the Internal Revenue Code.

#### Property and Equipment

It is the Organization's policy to capitalize property and equipment over \$1,000. Lesser amounts are expensed. Purchased property and equipment are capitalized at cost. Donations of property and equipment are recorded as contributions at their estimated fair value.

Donated property and equipment are reported as unrestricted contributions unless the donor has restricted the donated asset to a specific purpose. Assets donated with explicit restrictions regarding their use, and contributions of cash that must be used to acquire property and equipment, are reported as restricted contributions. The Organization reclassifies temporarily restricted net assets to unrestricted net assets at that time when assets have been used for their specific purpose. Depreciation is computed on a straight-line method over the useful lives of the assets, as follows:

	Estimated Life
Equipment Furniture and fixtures	3 - 8 years 8 years

#### Intangible Assets

During the year ended June 30, 2009, the Organization acquired indefeasible rights of use ("IRU") for certain segments of fiber optic cable between Philadelphia and Newark. IRU costs are amortized using the straight-line method over the terms of the agreements which range from 5 to 20 years. The Organization reviews the carrying value of intangible assets in accordance with Statement of Financial Accounting Standards ("SFAS") No. 142, *Goodwill and Other Intangible Assets*, which requires that intangible assets with definite lives be analyzed for impairment when there is reason to suspect that their values have been impaired. No such reasons existed as of June 30, 2009.

#### Note 1 - <u>Summary of Significant Accounting Policies</u> (continued)

#### Fair Value Measurements

On July 1, 2008, the Organization adopted the provisions of SFAS No. 157, Fair Value Measurements, for financial assets and financial liabilities. SFAS No. 157 defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles, and expands disclosures about fair value measurements. The Organization will delay the application of SFAS No. 157 for nonfinancial assets and nonfinancial liabilities, except those recognized or disclosed at fair value in the financial statements on a recurring basis (at least annually), in accordance with Financial Accounting Standards Board Staff Position ("FSP") SFAS No. 157-2, Effective Date of FASB Statement No. 157, until July 1, 2010. The adoption of SFAS 157 had no effect on the financial statements.

#### New Accounting Pronouncement

The Organization has elected to defer the adoption of FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes ("FIN 48"), as permitted, until fiscal years beginning after December 15, 2008. FIN 48 requires entities to evaluate, measure, recognize and disclose any uncertain income tax positions taken on their respective returns. Management is currently evaluating the impact of FIN 48 on its financial statements. Until it adopts FIN 48, the Organization accounts for any uncertain tax positions in accordance with FASB Statement No. 5, Accounting for Contingencies, which is the governing standard for recognition of tax-related contingencies.

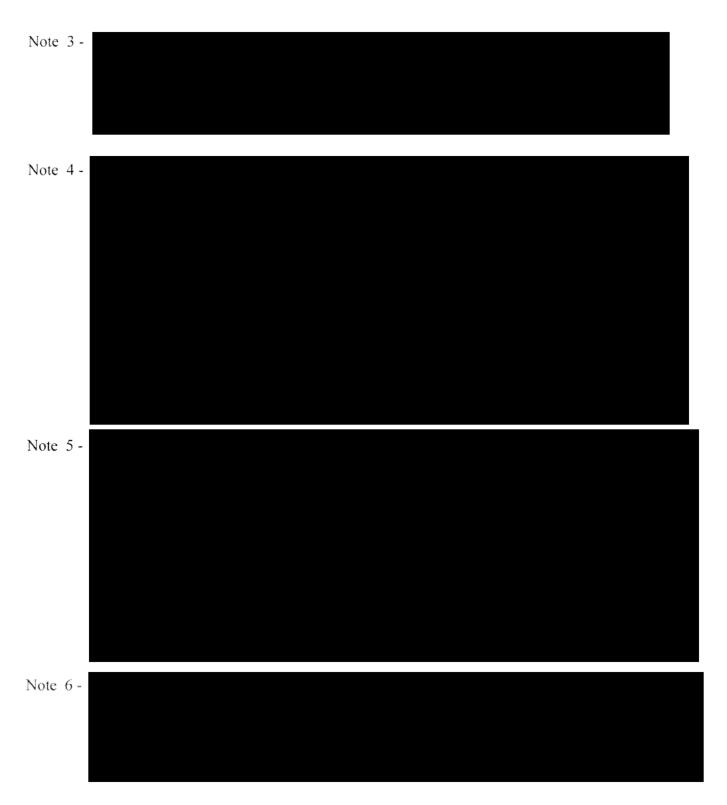
#### Subsequent Events

The Organization evaluated subsequent events through October 2, 2009, which is the date the financial statements were issued.

#### Note 2 - Property and Equipment

Property and equipment at June 30, 2009 and 2008 consist of the following:





#### Note 7 - Significant Risks and Uncertainties

#### Major Member

The Organization had one major member that accounted for 14% and 17% of total revenue during the years ended June 30, 2009 and 2008, respectively, and 0% and 54% of accounts receivable as of June 30, 2009 and 2008, respectively.

#### Note 8 - Employee Services

All of the Organization's staff are reported as employees of NJIT. Through a paymaster relationship, all expenses are reported on the Organization's records and the payroll tax reporting is done by NJIT.

#### Note 9 - Functional Allocation of Expenses

The costs of providing the various programs and other activities have been summarized on a functional basis in the statement of activities. Accordingly, certain costs have been allocated among the programs and supporting services benefited. Program services account for approximately 91% of all expenses, while management and general expenses represent 9% of all expenses.

#### Note 10 - Commitments and Contingencies

The Organization has noncancelable service agreements that include operating leases for facilities and equipment, network services, and network circuitry with expiration dates through the year 2015.



## AMPER, POLITZINER & MATTIA, LLP

Independent Auditors' Report on Supplemental Information

To the Board of Trustees of NJEDge.Net, Inc.

Our report on our audits of the basic financial statements of NJEDge.Net, Inc. as of June 30, 2009 and 2008 appears on page 1. Those audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The schedule of functional expenses for the years ended June 30, 2009 and 2008 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audits of the basic financial statements and, accordingly, we express no opinion on it.

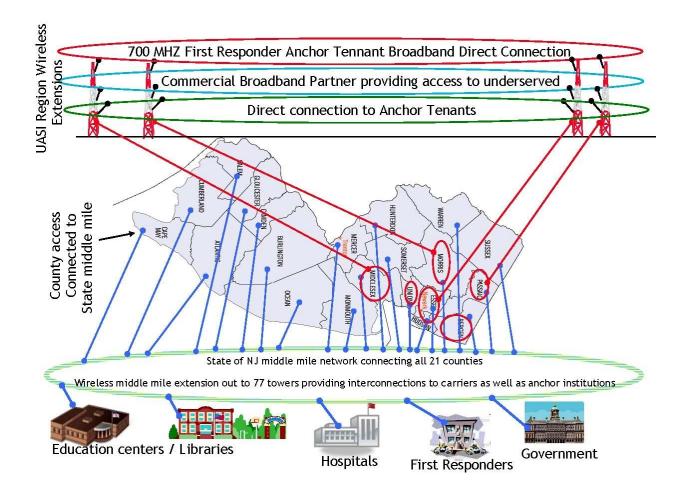
Amper, Politziner & Mattia, LLP

October 2, 2009 Bridgewater, New Jersey

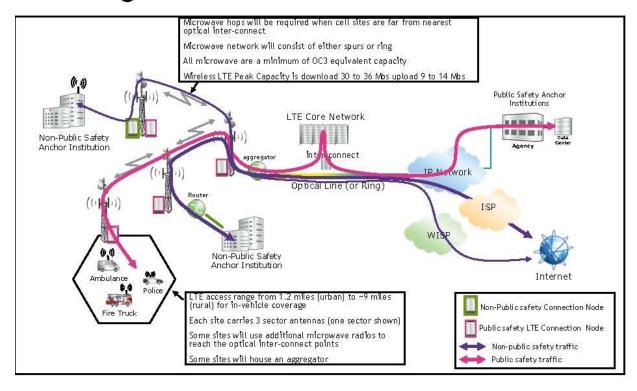
## NJEDGE.NET, INC. (A New Jersey Not-for-Profit Organization) Schedule of Functional Expenses For the Years Ended June 30, 2009 and 2008

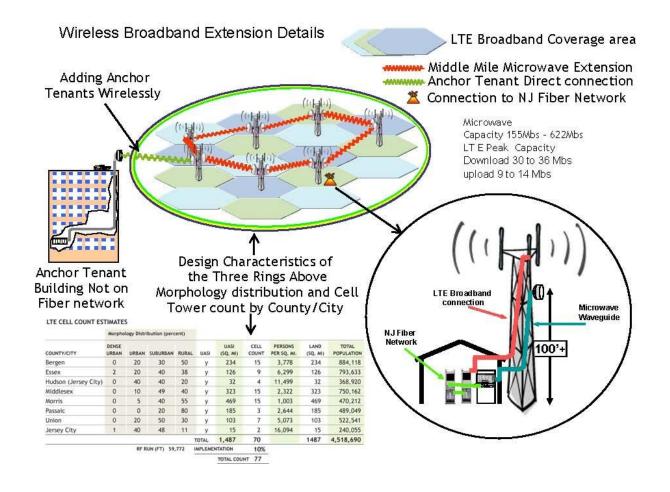


See accompanying independent auditors' report on supplemental information.

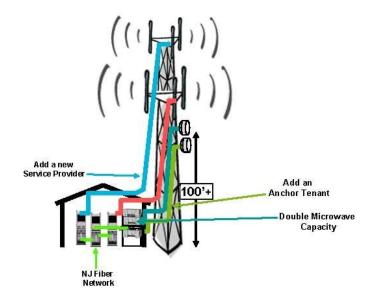


## High-Level Wireless Data Network



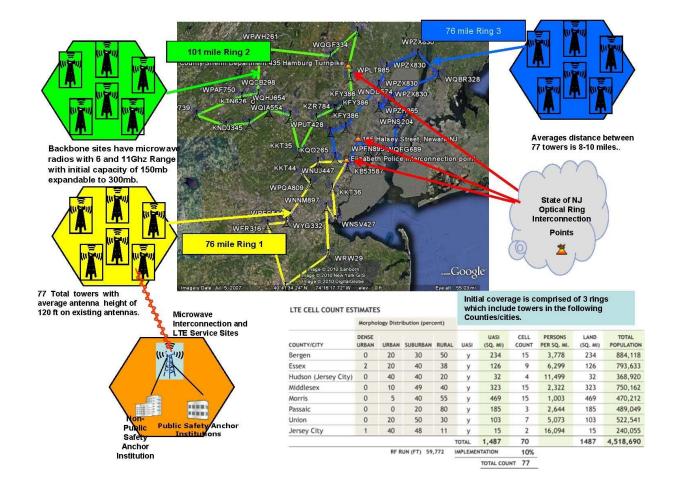


#### Adding capacity as well as Service Providers and Anchor Tenants To the Wireless Broadband Extension



# Wireless Middle Mile Extension points Cellular Tower Sites New Jersey Middle Mile Connection Points





## **BTOP Comprehensive Community Infrastructure Service Offerings and Competitor Data Template**

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

For both the Last Mile and Middle Mile Service Offerings worksheets, the service offerings include all relevant tiers and markets (e.g. residential, business, wholesale). Applicants sho sure to include details on any services that would be offered at discounted rates to particul 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 a end user speeds. Average speeds should be the average sustained actual, non-burst speed 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 deve subscriber utilization projections that are consistent with any additional services the applic plans to offer. For wireless broadband services, this speed should be an average of the spe 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 t most reasonable manner in which to estimate actual speeds on their network. Applicants sexplain the underlying assumptions used to calculate the average speeds in the space prov

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

In contrast to several other upload templates in this application, the data provided via this template will NOT be subject to automated processing. These template worksheets are proto demonstrate the level of data required and to provide a suggested format. Applicants at to modify the template layouts in order to provide the most effective presentation of the datheir specific project. Applicants should, however, ensure that they provide at least as much as these templates require. To the extent that you modify these templates please ensure the print layouts are adjusted so that rows do no break across pages in a manner that will be did to understand. A PDF of this file will be automatically generated upon upload to Easygrant the print settings will be used to format the PDF file.

Mile ervices

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#### **Proposed Last Mile Service Offerings**

	Advertised	Speeds	peeds Estimated Average Speeds Average Latency Pricing Plan (\$ per	Pricing Plan (\$ por	Other Comments/Description/Features		
Name of Service Tier	Downstream Mbps	Upstream Mbps	Downstream Mbps	Upstream Mbps	@ End User CPE miliseconds	month)	or Limitations
N/A							
i 							
 		 					<u> </u>

Explanation of Average Speed Calculation	ons:	
OUR APPLICATION IS A MIDDLE MILE APP	PLICATION.	

#### **Proposed Middle Mile Service Offerings**

Name of Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)  Monthly/Yearly Pr		Other Comments/Description/Features or Limitations
Optical 1 Gig Connection	n/a	All ports 1 Gig	Sliding Scale *	
On-net connections to NJEDge members	not applicable	Non-blocking	No Charge	
On-net connections to Internet2 research network	not applicable	Non-blocking	No Charge	
Public Safety Wireless BB / LTE Access		9-14 Mbps Up / 30- 36 Mbps Down	\$20/mo	
On-net access to NJVID	not applicable	Non-blocking	No Charge	
Internet Access	not applicable	Unlimited	\$10 per megabit **	
Voice over IP	not applicable	Unlimited	Custom rate	
Server virtualization	not applicable	Unlimited	Custom rate	
Data Colocation	On-net	n/a	\$650 per rack	
Off-site storage	on-net	Unlimited	Custom rate	
		Monthly Per Port	Annual Per Port	
* Sliding Scale Port Fee	Up to 60 Sites	\$3,150	\$37,800	
	60 Sites or more	\$2,450	\$29,400	
		Internet Usage	Annual Per Port	
Internet Assumptions	Year 1	50 Meg Ea. Port	\$6,000	

	Year 2	100 Meg Ea. Port	\$12,000	
	Year 3	150 Meg Ea. Port	\$15,000	

#### **Competitor Data**

#### **Competitor Data - Last Mile Service Providers**

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Descriptio n/Features or
			100 meg Ethernet	87 Mb	10,150	
XO Communications	mmunications Middlesex County	Ethernet Private Line		 		¦ <del> </del>
}		<del> </del>	100 Mbps Ethernet	100	4283	ļ
Cogent Communications	Middlesex County	Ethernet Private Line		   		
	 			   		<del> </del>
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#### **Competitor Data - Middle 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	
XO Communications	Middlesex County	Ethernet Private Line	100 meg Ethernet	N/A	Not Available	10,150		
6	Cogent Communications Middlesex County		Eshamat Daireta Line	100 Mbps Ethernet	N/A	Not Available	4283	
Cogent Communications		Ethernet Private Line		i 	 			
Abovenet	Faces County	Ethomot Drivete Line	1 Gb	N/A	Not Available	5351		
Abovenet	Essex County	Ethernet Private Line		 				
Comcast Southern NJ	Country NI Fabruary	Ethernet Private Line	100 Mbps Ethernet	N/A	Not Available	3281	Installation One Time \$24,218	
	Ethernet Private Line		    					
	5 0	5.1	1 Gb	N/A	Not Available	4350		
Fibertech	Essex County	Ethernet Private Line						

	Verizon Essex County		100 Mbps Ethernet	N/A	Not Available	3000		
Verizon		Verizon Essex County Ethernet Private Line	Ethernet Private Line					
	Northern NJ Wireless	<u> </u>		EVDO	N/A	Not Available	\$50/mo	Average monthly cost plus taxes
Verizon		Wireless	Wireless		 			
	AT&T Northern NJ Wireless		EDGE/HSDPA	N/A	Not Available	\$50/mo	Average monthly cost plus taxes	
AI&T		Wireless						
<u> </u>				 	<u> </u>	! ! !		



CHRIS CHRISTIE

OFFICE OF THE GOVERNOR-ELECT 20 WEST STATE STREET PO BOX 022 TRENTON, NJ 08625-0022

KIM GUADAGNO

Lt. Governor-Elect

December 18, 2009

The Honorable Lawrence Strickling Assistant Secretary for Communications U.S. Department of Commerce 1401 Constitution Avenue, N.W. Washington, D.C. 20230

Dear Assistant Secretary Strickling:

I am writing, as Governor-Elect of the State of New Jersey, to express my support for the State of New Jersey's grant application for Broadband Stimulus funding under the NTIA's Broadband Technology Opportunities Program.

New Jersey's middle-mile application will establish a multi-use, high speed network backbone that will provide more than 100 interconnection points distributed across all 21 counties of the state, representing a cross-section of community anchor institutions and under-served areas that are targeted to benefit. The proposal includes the installation of over 1,000 miles of new fiber optic cable and will connect all Level 1 and Level 2 trauma centers in the state, as well as community colleges, K-12 schools, library aggregation sites, and public safety and 911 interconnection points.

By increasing broadband utilization rates, particularly in under-served areas, the state will be positioned to increase opportunities for telemedicine and distance learning, as well as opportunities for job training, and improved internet connectivity at K-12 schools. In addition to providing support for research, education, and healthcare, the proposed multi-use statewide innovation network will make possible the expansion of business and industry opportunities throughout the state, creating jobs, supporting sustainable broadband adoption, generating economies of scale, and bolstering economic development.

As the next Governor of New Jersey, I can assure you of my support and commitment to carrying forward the work of building and implementing the potential of a high speed network backbone across the state.

Sincerely,

Governor-Elect Chris Christie

State of New Jarsey



#### State of New Jersey

DEPARTMENT OF EDUCATION PO Box 500 TRENTON, NJ 08625-0500

JON S. CORZINE

Governor

August 14, 2009

LUCILLE E. DAVY

Commissioner

Mr. Adel Ebeid Chief Technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza, 1st Floor P O Box 212 Trenton, NJ 08625

Mr. Ebeid:

#### RE: Letter of Support, New Jersey Broadband Infrastructure Project and Grant Application

This letter will convey the full support of the New Jersey Department of Education in the state's pursuit of a grant to implement a high speed, multi-use broadband backbone here in New Jersey. The availability to interconnect to this network by school districts will significantly impact and improve our capabilities to access affordable high speed internet and connectivity services.

We would emphasize that both these aspects – affordability and availability of higher speed connections - are extremely important to the constituents we represent. Even for our facilities and schools in areas that currently have high speed connections available, the cost of this connectivity typically limits our ability to implement these commercially available services or construct our own independent networks. The availability of this proposed network using the ARRA Stimulus funds will address both these elements, significantly increasing our potential to implement applications that will bring improved benefits and efficiency to the educators and students we serve.

The recently revised New Jersey Core Curriculum Content Standards require the integration of 21<sup>st</sup> century knowledge and skills throughout all content areas. This greatly increases the need for high speed Internet access by all students and educators. Without broadband connectivity, access to modern Web 2.0 applications that are necessary in order to teach students the knowledge and skills they need for post-secondary education and/or entering the global workplace will be stifled.

We wish to emphasize that the Department of Education not only supports the Grant request to construct this multi-use high speed network, but fully intends to support its ongoing development and sustainability through our use of the network. As the network is constructed and available to New Jersey school districts, they will most certainly commit to interconnecting and taking advantage of the lower costs and higher speeds it will provide.

Sincerely.

Lucille E. Davy Commissioner

 $LED/WS/JJ/LC/_{\text{$c$-concess}} \text{ large lite of supporting broudband project grant application doc}$ 

c: Willa Spicer Janis Jensen Larry Cocco

www.nj.gov/education



JON S. CORZINE Governor

#### State of New Jersey

Office of Homeland Security and Preparedness PO Box 091 TRENTON, NJ 08625-0091 RICHARD L. CAÑAS DIRECTOR

August 12, 2009

Mr. Adel Ebeid Chief technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza 1<sup>st</sup> Floor P O Box 212 Trenton, NJ 08625

**RE:** Letter of Support, New Jersey Broadband Infrastructure Project and Grant Application

Mr. Ebeid:

This letter will convey the full support of the New Jersey Office of Homeland Security and Preparedness ("NJOHSP") in the state's pursuit of a grant to implement a high speed, multiuse broadband backbone here in New Jersey. The availability to interconnect to this network by our Homeland Security, Emergency Management and Law Enforcement constituents will significantly impact and improve our capabilities to access affordable high speed internet and connectivity services.

We would emphasize that both these aspects – affordability and availability of higher speed connections are extremely important to the constituents we represent. Even for our constituents in areas that currently have high speed connections available, the cost of this connectivity typically limits our ability to implement these commercially available services or construct our own independent networks. The availability of this proposed network using the ARRA Stimulus funds will address both these elements, significantly increasing our potential to implement applications that will bring improved benefits and efficiency to the citizens and government agencies that we serve.

High speed connectivity between county and local law enforcement agencies will enhance the various investments that this office has made to establish information and intelligence sharing networks among local, county and state law enforcement agencies. These networks allow for real time situational awareness for law enforcement entities and support initiatives such as NJDEx, Automatic License Plate Reader ("ALPR") and LiveScan fingerprint technologies, E-Team and One Stop portals.

This proposed network will also supports the distance learning program instituted by this office "NJLEARN" by substantially increasing the use of internet and enabling higher speed access.

Mr. Adel Ebeid August 12, 2009 Page 2

We wish to emphasize that NJOHSP not only supports the Grant request to construct this multi-use high speed network, but fully intends to support the ongoing development and sustainability of it through our use of the network. As the network is constructed and available our member homeland security, emergency management and law enforcement constituents are committed to interconnecting and taking advantage of the lower costs and higher speeds it provide.

This office will continue with our support of this application process and look forward to the development of Public Safety initiatives in upcoming application rounds.

Sincerely

Richard L. Cañas

Director

DQ:nr



JON S. CORZINE Governor

#### State of New Jersey

Office of Homeland Security and Preparedness PO Box 091 TRENTON, NJ 08625-0091 RICHARD L. CAÑAS DIRECTOR

August 12, 2009

Mr. Adel Ebeid Chief technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza 1<sup>st</sup> Floor P O Box 212 Trenton, NJ 08625

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Mr. Ebeid:

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We would emphasize that both these aspects – affordability and availability of higher speed connections are extremely important to the constituents we represent. Even for our constituents in areas that currently have high speed connections available, the cost of this connectivity typically limits our ability to implement these commercially available services or construct our own independent networks. The availability of this proposed network using the ARRA Stimulus funds will address both these elements, significantly increasing our potential to implement applications that will bring improved benefits and efficiency to the citizens and government agencies that we serve.

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Mr. Adel Ebeid August 12, 2009 Page 2

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This office will continue with our support of this application process and look forward to the development of Public Safety initiatives in upcoming application rounds.

Sincerely

Richard L. Cañas

Director

DQ:nr



## New Jersey Chapter –

### **National Emergency Number Association**

NJ-NENA, PMB 247, 203 Main Street, Flemington, New Jersey 08822

#### 2008 - 2010 Executive Board

Raymond Kenny President Washington Twp. 9-1-1 1 E. Springtown Road Long Valley, NJ 07853 908-876-3232

Ray Strilec 1st Vice President Morris County Sheriffs Office PO Box 900 Morristown, NJ 07963-0900 973-285-2949

Gareth Williams 2<sup>nd</sup> Vice President Atlantic Heathcare Sys. - EMS 99 Beauvoir Avenue Summit, NJ 07902 908-522-2863

Fr. John Fencik North Region VP Bayonne Public Safety Comm. 630 Avenue C Bayonne, NJ 07002 201-858-6163

Jeanette Nielsen Central Region VP Old Bridge Police Dept. 1 Old Bridge Plaza Old Bridge, NJ 08857 732-721-5600 Ext. 3432 Monica Gavio South Region VP Burlington Co. 9-1-1 1 Academy Drive Westampton, NJ 08060 609-265-7118

Robert Anderson Commercial VP L. Robert Kimball & Assoc 411 River View Plaza Trenton, NJ 08625 609-989-5260.

Sandy Mangini, Treasurer Hunterdon Co. 9-1-1 Main Street – Admin. Bldg. Flemington, NJ 08822 908-788-1205

Bonnie Hueg, Secretary Past President State of New Jersey – OETS PO Box 212 Trenton, NJ 08625 609-777-3950 Adel Ebeid Chief Technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza 1<sup>st</sup> Floor P O Box 212 Trenton, NJ 08625

## **RE:** Letter of Support, New Jersey Broadband Infrastructure Project and Grant Application

Dear Mr. Ebeid,

The New Jersey Chapter of the National Emergency Number Association (NJ NENA) would like to express our full support of the State's pursuit of a grant to implement a high speed, multi-use broadband backbone in New Jersey. Providing members of the public safety community the ability to interconnect to this network by will significantly improve their access to affordable high speed Internet.

We would emphasize that affordability and availability of higher speed connections are extremely important to our members and the agencies they represent. Even for our member agencies in areas that currently have high speed connections available, the cost of this connectivity typically limits their ability to implement these commercially available services or construct their own independent networks. The availability of this proposed network using the ARRA stimulus funds will address both these elements, significantly increasing their potential to implement applications that will bring improved benefits and efficiency to the citizens they serve.

The proposed NJ network will allow affordable IP connectivity to county and local Public Safety Answering Points (PSAPs) providing the enabling technology required to support Next Generation 9-1-1. It will also provide highly reliable connectivity supporting both voice and data interoperability and information exchange between 9-1-1 PSAPs, emergency management operations, hospitals, first responders and other public safety entities.

We wish to emphasize that our organization not only supports the grant request to construct this multi-use high speed network, but fully intends to support the ongoing development and sustainability of it through our members' use of the network. As the network is constructed and available our members are committed to interconnecting and taking advantage of the lower costs and higher speeds it provides.

Thank you for the opportunity for NJ NENA to participate in this project. Should you have any questions, please feel free to contact anyone on our executive board.

Sincerely.

President - NJ NENA



#### State of New Jersey

## DEPARTMENT OF THE PUBLIC ADVOCATE 240 W. STATE STREET P.O. BOX 851

JON S. CORZINE Governor

Trenton, NJ 08625-0851

Phone: (609) 826-5090 Fax: (609) 8984-4747

RONALD K. CHEN Public Advocate

August 14, 2009

Mr. Adel Ebeid Chief Technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza 1<sup>st</sup> Floor P O Box 212 Trenton, NJ 08625

RE: New Jersey Broadband Infrastructure Project and Grant Application Letter of Support

Dear Mr. Ebeid:

This letter conveys the full support of the New Jersey Department of the Public Advocate ("Public Advocate") in the State's pursuit of a grant to implement a high speed, multi-use broadband backbone here in New Jersey. The ability to interconnect to this network by community anchor institutions, including colleges, universities, public safety, hospitals, and local school networks, will significantly impact and improve our general capabilities to access affordable high speed internet and connectivity services, and in particular provide the underlying network necessary to serve the 52% or New Jersey households not currently connected.

Both these aspects, affordability and availability of a higher speed backbone network, are extremely important to ensure that competitive connections are available and that all New Jersey households can be served by last mile Internet service providers. This "middle mile" proposal will provide the core infrastructure that must exist to ensure that last mile initiatives can be undertaken in furtherance of the national goal of broadband for all Americans and the state goal of the availability of affordable broadband to all New Jersey residents.

Consistent with its statutory mandate to advocate for the interest of underserved communities, the Public Advocate has supported the need for all New Jersey residents to have access to affordable broadband services, especially low income residents, seniors and persons with disabilities. The Department of the Public Advocate, through its Division of Rate Counsel, has urged the Federal Communications Commission ("FCC") to reform the Federal Universal Service Program to support affordable broadband to all, including vulnerable citizens identified above, and has offered its comments and suggestions in various FCC proceedings to achieve the goal of broadband for all Americans. This grant application is the first step towards ensuring that broadband for all Americans becomes a reality.

This middle mile proposal also benefits hospitals/healthcare, k-12 education, higher education, public safety entities, and county and local governments by having backbone infrastructure available on a cost effective basis which is the platform for expanding broadband availability in the last mile to underserved and unserved areas.

The Department of the Public Advocate fully supports this application and the opportunity this proposal brings to build the middle mile backbone infrastructure which is one of steps needed to ensure that all New Jersey citizens have access to affordable broadband.

Very truly yours,

Ronald K. Chen



## New Jersey Turnpike Authority

ADMINISTRATION BUILDING - 581 MAIN STREET P.O. BOX 5042 - WOODBRIDGE, NEW JERSEY 07095 TELEPHONE (732) 750-5300

JON S. CORZINE GOVERNOR

August 13, 2009

STEPHEN DILTS, Chairman
MICHAEL R. Du PONT, Treasurer
ULISES E. DIAZ, Commissioner
HAROLD L. HODES, Commissioner
DAVID G. EVANS, Commissioner
RAYMOND M. POCINO, Commissioner
CLIVE S. CUMMIS, Commissioner
TROY SINGLETON — Commissioner
DIANE GUTIERREZ-SCACCETTI, Executive Director

Mr. Adel Ebeid Chief Technology Officer New Jersey Office of Information Technology 300 Riverview Plaza 1st Floor P O Box 212 Trenton, New Jersey 08625-0212

RE: NJTA's Support of State of New Jersey Broadband Infrastructure

Project and Grant Application

Dear Mr. Ebeid:

This correspondence will convey the full support of the New Jersey Turnpike Authority (the "NJTA") in the State of New Jersey's pursuit of a grant to implement a high speed, multi-use broadband backbone within the State of New Jersey. The availability to interconnect to this network by regional operations centers and public safety answering points ("PSAP") facilities will enhance the interoperability and emergent management strategies of the State's Transportation and Public Safety agencies. The network will have a significant positive impact and improve capabilities to access affordable high speed internet and connectivity services for the public and partner agencies. Emergent transportation information is available in real time format for the entire state utilizing NJ511.info. Widespread broadband services increase utilization and further leverage the investment in the underlying application suite delivering critical information during the most challenging times to the citizens of New Jersey.

I must emphasize that both these aspects – affordability and availability of higher speed connections are extremely important to the constituents that the NJTA represent. Even for the NJTA's facilities and staff in areas that currently have high speed connections available, the cost of this connectivity typically limits the NJTA's and our Transportation and Public Safety peer agencies' ability to implement these commercially available services or construct our own independent networks. The availability of this proposed network using the ARRA Stimulus funds will address both these elements; significantly increasing our potential to implement applications that will bring improved benefits and efficiency to the citizens of the State of New Jersey.

Mr. Adel Ebeid State of NJ OIT

RE: NJTA's Support of NJ Broadband Infrastructure & Grant Project

August 13, 2009

Page 2 of 2

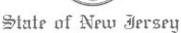
The NJTA supports the grant request to construct this multi-use high speed network and is committed to interconnecting and taking advantage of the lower costs and higher speeds that will be provided.

I am available at the above-listed address and telephone number if I can be of additional assistance to you in this matter.

Sincerely yours,

Diane Gutierrez-Scacoetti NJTA Executive Director

DGS:BG:rf



## BOARD OF PUBLIC UTILITIES TWO GATEWAY CENTER NEWARK NJ 07102

JON S. CORZINE Governor JEANNE M. Fox, Esq. President Tel: (973) 648-2013

August 13, 2009

Adel Ebeid Chief Technology Officer State of New Jersey Office of Information Technology 300 Riverview Plaza 1<sup>st</sup> Floor P.O. Box 212 Trenton, N.J. 08625

RE: Letter of Support, New Jersey Broadband Infrastructure Project and Grant Application

Dear Mr. Ebeid,

This letter will convey my full support of the state's pursuit of a grant to implement a high speed, multi-use broadband backbone throughout New Jersey. The availability to interconnect to this network by schools, libraries, hospitals, community anchor institutions, as well as public safety answering points (PSAPs) in New Jersey will significantly impact and improve our capabilities to access affordable high speed internet and connectivity services.

The affordability and availability of higher speed connections are extremely important to telecommunications users in New Jersey. Even in areas that currently have high speed connections available, the cost of this connectivity, for some, limits their ability to afford commercially available services. The availability of this proposed network, using the ARRA Federal Stimulus funds for Broadband, will address both these elements, and will significantly increase our potential to implement applications that will bring improved benefits and efficiency to all ratepayers in New Jersey.

The New Jersey Board of Public Utilities has been a proponent of broadband deployment for many years. The public-private partnerships that have been forged by this agency have produced public benefits through discounted high speed internet service offerings to certain schools and libraries in New Jersey. The proposed high speed, multi-use broadband backbone is

an essential component of our statewide strategy to extend the benefits of broadband services to those unserved and underserved institutions and consumers that continue to lack access to such services due to financial and/or technological reasons.

In addition, emergency call completion is of critical concern to this agency. The proposed network will allow affordable Internet Protocol connectivity to County PSAPs providing the enabling technology required to support next generation 911, as well as providing high reliability supporting voice and data inter-operability and information exchange between PSAPs and first responders.

As President of the New Jersey Board of Public Utilities, I would like to emphasize that I not only support the Grant request to construct this multi-use high speed network, but I fully intend to support the ongoing development and sustainability of the network. This network is entirely consistent with the goals of the ARRA to expand the availability and affordability of high speed broadband services to all users in this state.

Sincerely,

Jeanne M. Fox President



## 1033 SPRINGFIELD AVENUE, CRANFORD, NEW JERSEY 07016

CRANFORD CAMPUS (908) 709-7000 ELIZABETH CAMPUS (908) 965-6000 PLAINFIELD CAMPUS (908) 412-3599 SCOTCH PLAINS CAMPUS (908) 889-2483

#### INTERIM PRESIDENT

February 11, 2010

The Honorable Lawrence Strickling Assistant Secretary for Communications U.S. Department of Commerce 1401 Constitution Avenue, N. W. Washington, D.C. 20230

Dear Assistant Secretary Strickling:

I am writing to express Union County College's (UCC) support for the State of New Jersey's grant application for Broadband Stimulus funding under the NTIA's Broadband Technology Opportunities Program.

New Jersey's middle-mile application will create a multi-use, high speed network backbone that will provide a significant number of interconnection points distributed across all 21 counties in New Jersey. The proposal includes the installation of over 1,000 miles of new fiber optic cable and will connect all Level 1 and Level 2 trauma centers in the state, as well as community colleges (including Union County College as an anchor institution), K-12 schools, libraries, public safety and 911 interconnection points.

By increasing broadband utilization, the state will be positioned to increase opportunities for distance learning, telemedicine, improved interconnectivity for K-12 schools, and opportunities for workforce development and job training in support of incumbent workers, and unemployed and underemployed individuals in New Jersey.

Under this initiative, anchor institutions such as Union County College, can and will serve as aggregation points within their service areas. Shared services enabled through high speed network interconnectivity are a key component of this program.

Union County College currently has a fiber link from its Elizabeth campus to the County of Union Administration Building. This link is maintained by the College and has resulted in increased internet bandwidth and reduced costs for the County of Union. UCC has also deployed community technology centers in the Elizabeth Public Library, a housing authority site, the Retail Skills Center in the Jersey Gardens Mall and various other community sites. Increased network capacity made possible via this grant would enable UCC and other community colleges in New Jersey to provide even greater network access to important learning opportunities and public services for the citizens of the state.

This program represents both a cost savings venture and an economic and workforce development opportunity for the county, the state, and ultimately the citizens of New Jersey. Union County College strongly supports this grant application.

John R. Farrell, Jr. Ed.D. Interim President

Union County College



December 16, 2009

Mr. Brian Gately, Special Projects Manager NJEDge.Net New Jersey Institute of Technology 218 Central Avenue, Suite #5100 Newark, NJ 07102

Dear Brian.

This letter confirms Verizon Business and NJEDge.net interest in the installation and maintenance of a fiber ring as set forth below and is subject to execution of definitive agreement between Verizon Business and NJEdge.net,

The design of the Verizon proposed solution will encompass a dark fiber ring over which NJEDge.net will assume total ownership, as well as all operational cost to support the fiber and electronics. Verizon Select Services Inc. ("VSSI") will install 595 miles of 12 strand SM ADSS fiber drops across the entire State of New Jersey terminated at (42) customer locations and an established CLEC hotel located at Halsey Street, Newark. Verizon Network Integration Corporation ("VNIC") will procure the equipment from the manufacturer and install the associated Cisco optical equipment at each of the customer locations noted above.

VSSI installed fiber will be transitioned to 12 strand armored plenum when installed beyond 50' of building entrance and the fiber will terminate in new rack mounted fiber box(es) installed in new 19"x84" open equipment rack(s). NJEdge.net will ensure that customers participating in the network solution will provide adequate building access, space and power requirements to support the associated Cisco optical equipment, and necessary badges and escorts as required by each customer's security & safety policies,

All labor on the budgetary quotes meets the New Jersey Prevailing Wage requirements. VSSI may utilize a third party contractor to lay the fiber for the ring in which New Jersey Prevailing Wage requirements will be adhered to. The budgetary labor quote assumes services will be performed between 8:00AM and 5:00PM local time Monday through Friday, excluding Verizon observed United States Federal holidays ("office hours"). Any work performed beyond office hours is considered overtime work and customer will pay the then current Verizon standard Time & Material ("T&M") rate for such work.

Standby call-out service for fiber maintenance provides 24-hour contact with 4 hour response to reported outage(s). Final repair costs will be charged at the then current Verizon standard T&M rates for fiber cable repairs. The Cisco equipment will be maintained using Cisco Smartnet ONSITE 24X7X2 level of Maintenance not to be funded by the BTOP grant.

The VSSI and VNIC budgetary quotes for NJEDge.net total as follows:

VSSI: Approximately 595 miles Dark fiber and associated labor (Attachment A) VNIC: Cisco Optical equipment installed at (42) locations (Attachment B & C)

VNIC: Maintenance of Cisco Optical equipment (Attachment B & C)

Final quotes cannot be ascertained until engineering/design work is completed to determine final route selection, available pathways, required construction, and project time frames.

Verizon Business has estimated make ready work costs. Make-ready work entails all work including but not limited to rearrangement and/or transfer of existing facilities, replacement of a pole or any other changes required to accommodate the attachment of the facilities of the party requesting the attachment to the pole. Final costs for make ready work will be determined by other parties whom have pole attachments. Customer is responsible for the successful completion of pole/conduit attachment application(s) and obtaining 4<sup>th</sup> party attachment license(s). Cable can not be installed until all make ready work is complete and license(s) obtained. In addition, before installation can commence, NJEDge.net and Verizon must execute a definitive agreement setting forth the rates, terms and conditions under which the work will be performed and paid for. The timeline and other terms of services, including rates, will be subject to adjustment for matters such as severe weather, labor difficulties and other circumstances beyond Verizon's reasonable control, unavailability of equipment, products or supplies, and lack of access to premises or sites, as set forth in the definitive agreement between the parties.

Planned proposed path will utilize existing 4<sup>th</sup> party space on utility pole(s) and underground conduit when available and utilize best practices with regard to any environmental issues that may arise.

Neither VNIC nor VSSI will have any involvement with obtaining permission to access the poles. The responsibility for obtaining such permission will be with NJEDge.net who will seek such permission as a non-carrier entity. The quote also requires that NJEDge.net construct its own conduit when necessary or utilize existing privately owned conduit. The ring will not be placed in conduit that is presently owned by Verizon exclusively for provision of Verizon services.

Verizon Business will make reasonable effort to meet the customer schedule. Verizon Business can not control the scheduling of make ready work which is to be performed by others whom have pole attachments. Verizon Business can not control manufacturer or shipping delays for equipment ordered by the manufacturer.

As we understand the proposed application, the State of New Jersey will be the Applicant seeking federal funding. NJEDge.net is not a government entity, but rather a non-profit corporation operating within the State. NJEDge.net will act as the prime contractor performing work for the State as the recipient of funds and will contract and pay for these services subject to execution of a definitive agreement between Verizon Business, VSSI, and VNIC.

NJEDge.net will be responsible for providing all quarterly reporting to both the State of New Jersey and Broadband Technology Opportunities Program ("BTOP") officials as necessary per the grant. Verizon provided a timeline with caveats for the build of this dark fiber ring (Attachment D).

Once constructed, title to the fiber and customer premises equipment will transfer to NJEdge.net. The ring network will be entirely owned and operated by the State of New Jersey and

December 17, 2009 Page 2 of 3

The information contained in this statement of work is confidential and/or proprietary information intended only for the use of the individual or entity named in this document. Copying, or distribution of this document is strictly prohibited.

NJEDge.net, which is named as the prime contractor for the network. This ring will not interconnect with any Verizon central office, Verizon-owned conduit which is exclusively used for provision of Verizon services, or networking components of any of the Verizon carrier affiliates (Verizon Incumbent Local Exchange Carrier(s), Verizon Business or Verizon Wireless).

No Verizon affiliate will retain any ownership in the fiber or Cisco equipment and will not manage nor operate the network once constructed. VSSI will provide a standard time and material maintenance on the fiber and equipment as an ongoing expense. However, this on-going maintenance will not be funded through the BTOP grant.

The foregoing commitment is subject to execution of a definitive agreement which agreement shall, at a minimum, include provisions that cover the following subject matter: limitation of liability of the parties, warranties and any disclaimers of same, indemnification for personal injury/property damage as well as intellectual property infringement, Force Majeure, termination for cause, termination for convenience, assignment, notice, and confidentiality.

Execution of a definitive agreement is also subject to limitation of the applicability of the flow down conditions and other obligations and must include provisions that limit the applicability of any required BTOP broadband stimulus funding flow down conditions, including but not limited to nondiscrimination, network interconnection, reporting, records access and audit, whistleblower, and wage and fringe benefits, or any other or different obligations imposed in the future, to the specific fiber network built for this project, and not to any Verizon entity or to any network or facility owned or operated by any Verizon entity, and must reserve to Verizon the right to terminate their participation in the project if any such BTOP requirements are applied to any Verizon entity or to any network or facility owned or operated by any Verizon entity.

Respectfully,

Anthony J. Vignola
Anthony J. Vignola

Area Vice President – NY/NJ Government and Education

AJV/baw



Tel 212 803 5599 Fax 212 803 5652

AboveNet, Inc.
111 8th Avenue, Suite 1201
New York, NY 10011
www.above.net

Dear Brian,

March 26, 2010

As you know, AboveNet, Inc is a provider of high bandwidth connectivity solutions for business and carriers. Our private optical network delivers key network and IP services in and among top U.S. metro markets and globally. AboveNet's network are widely used in demanding markets such as financial services, media, health care, retail and government.

We understand that the State of New Jersey and NJEDge.Net will be applying for federal funds in Round 2 of the NTIA's BTOP program. If the application is approved, a new Statewide fiber optic network would be built.

If funding is awarded, AboveNet would intend to negotiate in good faith to acquire fiber segments on this network in the areas we wish to serve. We understand these segments can include backbone fibers or lateral fibers at our discretion. If funding is awarded, we work cooperatively to plan route segments where possible in the areas we seek to reach.

Therefore, you are authorized to include this letter of intent as part of your application.

Sincerely,

John W. Hanko

Executive Director of Sales

**AboveNet Communications** 

1118<sup>th</sup> Avenue

New York City, NY 10011

# BTOP Comprehensive Community Infrastructure Project Plan and Build-out Timeline

Please complete the Project Plan and Build-out Timeline templates below. Note that these templates may be modified by applicants in order to provide the most effective presentation of the data for their specific project. Applicants should ensure, however, that they provide at least as much detail as the provided templates require.

For system stability reasons, 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. There is no need to provide this instruction page.

### PROJECT PLAN

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

Time Period	Quarter	Milestones	Support for Reasonableness/Data Points
Year 0	-	<ul> <li>Begin team building and task assignments.</li> <li>Prepare area maps and rough route plans.</li> <li>Develop methods and procedures for reporting, documentation, and record keeping.</li> <li>Prepare equipment for survey work.</li> </ul>	•
Year 1	Qtr. 1	<ul> <li>Survey and design fiber routing.</li> <li>Develop routing maps.</li> <li>Develop material list for cable build-out</li> <li>Produce documentation for Customer, NJEDge, to submit complete 4<sup>th</sup> party pole agreement required for license.</li> <li>Customer will submit 4<sup>th</sup> party agreement applications.</li> <li>Survey buildings for pathway entrance and routing to equipment room.</li> <li>Develop site plans for proposed building entrance and internal routing.</li> <li>Submit plan for approval and building</li> </ul>	<ul> <li>Using a minimum of 6 crews, perform routing selection and design of 200-plus miles per month.</li> <li>Daily back office collection of field documents</li> <li>Pole documentation will be built in conjunction with physical survey. Documentation will be completed the following day.</li> <li>Utilize a separate group to perform and develop building entry elements.</li> <li>Survey a minimum of 2 building locations per day.</li> </ul>

	Qtr. 2	<ul> <li>Survey and design fiber routing.</li> <li>Develop routing maps.</li> <li>Develop material list for cable build-out</li> <li>Produce documentation for Customer, NJEDge, to submit complete 4<sup>th</sup> party pole agreement required for license.</li> <li>Customer will submit 4<sup>th</sup> party agreement applications.</li> <li>Begin building entrance build out.</li> <li>Install equipment racks and termination equipment in Customer's equipment rooms.</li> <li>Submit final as-built for interior construction and build out.</li> </ul>	<ul> <li>Using a minimum of 6 crews, perform routing selection and design of 200-plus miles per month.</li> <li>Back office collection of field documents</li> <li>Pole documentation will be built in conjunction with physical survey. Documentation will b completed the following day.</li> <li>Utilize separate crew to perform building entrance, interior cable installation, and testing.</li> <li>Survey a minimum of 2 building locations per day.</li> </ul>
	Qtr. 3	<ul> <li>As Customer is granted pole license, begin fiber route build out.</li> <li>Update routing maps with aerial splice locations.</li> <li>Splice fiber at building entrance transition points.</li> <li>Upon completion of each fiber segment, test fiber and document.</li> </ul>	<ul> <li>Multiple crews will be available and utilized to perform multiple location aerial fiber placement.</li> <li>Build out fiber at aerial attachment rate of ½ to 1 mile per day.</li> <li>Back office collection of documentation and testing will be performed on a daily basis.</li> </ul>
	Qtr. 4	<ul> <li>As Customer is granted pole license, begin fiber route build out.</li> <li>Update routing maps with aerial splice locations.</li> <li>Splice fiber at building entrance transition points.</li> <li>Upon completion of each fiber segment, test fiber and document.</li> </ul>	<ul> <li>Multiple crews will be available and utilized to perform multiple location aerial fiber placement.</li> <li>Build out fiber at aerial attachment rate of ½ to 1 mile per day.</li> <li>Back office collection of documentation and testing will be performed on a daily basis.</li> </ul>
Year 2	Qtr. 1	<ul> <li>As Customer is granted pole license, begin fiber route build out.</li> <li>Update routing maps with aerial splice locations.</li> <li>Splice fiber at building entrance transition points.</li> <li>Upon completion of each fiber segment, test fiber and document.</li> </ul>	<ul> <li>Multiple crews will be available and utilized to perform multiple location aerial fiber placement.</li> <li>Build out fiber at aerial attachment rate of ½ to 1 mile per day.</li> <li>Back office collection of documentation and testing will be performed on a daily basis.</li> </ul>
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Year 3	Qtr. 1	<ul> <li>As Customer is granted pole license, begin fiber route build out.</li> <li>Update routing maps with aerial splice locations.</li> <li>Splice fiber at building entrance transition points.</li> <li>Upon completion of each fiber segment, test fiber and document.</li> </ul>	<ul> <li>Multiple crews will be available and utilized to perform multiple location aerial fiber placement.</li> <li>Build out fiber at aerial attachment rate of ½ to 1 mile per day.</li> <li>Back office collection of documentation and testing will be performed on a daily basis.</li> </ul>			
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	document.	be performed on a daily basis.
Qtr. 4	<ul> <li>As Customer is granted pole license, begin fiber route build out.</li> <li>Update routing maps with aerial splice locations.</li> <li>Splice fiber at building entrance transition points.</li> <li>Upon completion of each fiber segment, test fiber and document.</li> <li>Submit final documentation and test results.</li> </ul>	<ul> <li>Multiple crews will be available and utilized to perform multiple location aerial fiber placement.</li> <li>Build out fiber at aerial attachment rate of ½ to 1 mile per day.</li> <li>Back office collection of documentation and testing will be performed on a daily basis.</li> </ul>

## **BUILD-OUT TIMELINE**

Complete the following schedule for *each* Last Mile or Middle Mile Service Area to note the degree of build-out, based on: a) infrastructure funds awarded; b) entities passed (households, businesses, and community anchor institutions.). <u>In addition, please complete a schedule that aggregates the build-out timeline across all of the Proposed Funded Service Area.</u>

Service Area	State of New Jersey Fiber Broadband										
			YEAR 1			YEAR 2					
	YEAR 0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Q
Infrastructure Funds											
Infrastructure Funds Advanced (estimate)		\$5,493,178	0	\$10,986,355	\$10,986,355	\$10,986,355	\$10,986,355	\$10,986,355	\$10,986,355	\$8,789,083	\$8,78
Percentage of Total Funds		5	0	10	10	10	10	10	10	8	
Entities Passed & %											
Households											
Percentage of Total Households											
Businesses											
Percentage of Total Businesses											
Community Anchor Institutions											
Percentage of Total Institutions											