



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

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A. General Application Information

1. Applicant Information	
1-A. Name, Address, and Federal ID for Applicant	
i. Legal Name:	Zito Media Communications II, LLC
ii. Employer/Taxpayer Identification Number (EIN/TIN):	██████████
Street 1:	106 Steerbrook Road
Street 2:	
City:	Coudersport
County:	Potter
State:	PA
Country	United States
Zip/Postal Code:	16915

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix:	
First Name:	Colin
Middle Name:	H
Last Name:	Higgin
Suffix:	
Telephone Number:	814-260-9588
Fax Number:	814-260-9410
Email:	colin higgin@zitomedia.com
Title:	Vice President



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1-C. Other Required Identification Numbers	
i. Organizational DUNS:	██████████
ii. CCR # (CAGE):	██████
iii. Funding Opportunity Number:	1
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BIP CFDA Number: 10.787 BTOP CFDA Title: Broadband Technology Opportunities Program BIP CFDA Title: Broadband Initiatives Program

1-D Eligible Entities
 Please classify your organization. (Note: If there are multiple organizations involved in the project, designate the lead applicant that would enter into a Loan or Grant agreement with the Agency and assume operational and financial responsibility should an award be made). **For-Profit Corporation**

1-E. RUS Borrower Status
 No

1-F. Applicant Federal Debt Delinquency Explanation
 Is the Applicant Delinquent On Any Federal Debt? **No**
Federal debt delinquency Explanation:
 N/A

2. Project Description & Project Title

2-A. Project Title: Northeastern Ohio and Northwestern Pennsylvania Fiber Ring Project

2-B. Project Description: This project is the building of a 382 mile fiber optic ring with 10 gigabits of bandwidth capacity through various rural towns and cities of Northeastern Ohio and Northwestern Pennsylvania with local fiber optic networks in the communities providing a range of high bandwidth services to businesses, households, public safety agencies and other critical community organizations and institutions.



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3. Application ID for Multiple Submissions for Identified Service Areas: BIP and BTOP Infrastructure Southeastern Ohio and Northern West Virginia Fiber Ring Project-App#25 BIP and BTOP Infrastructure Central Pennsylvania Fiber Ring Project-App#580 BIP and BTOP Infrastructure Northern Pennsylvania Open Access Network-App#1943

4. Rural Area Determination

At least 75 percent of the proposed service area to be funded falls within rural areas that are unserved or underserved.

Yes

5. Applications for Rural Areas: Please choose the funding program(s) to which you are submitting this application.

a) BIP broadband infrastructure category to which you are applying:

BIP - Middle Mile Project

b) Would you like this Application for Rural Areas to also be considered for BTOP funding?

Yes

c) BTOP Infrastructure category for which you are applying.

Middle Mile

6. Applications for All Other Areas: Per the NOFA, all applications to fund broadband infrastructure projects in areas that are less than 75% rural must be submitted to NTIA for consideration under BTOP.

BTOP broadband infrastructure category to which you are applying: **Middle Mile**

B. Eligibility Factors

7. Application Submission



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BIP and BTOP Factors Selected By Applicant:
Applicant has submitted a completed application and provided all supporting documentation required for the application.
The Project will be substantially complete within 2nd year from the award date, and the project will be fully complete by the end of the 3rd year from the award date.
For projects seeking more than \$1 million funding, the Applicant agrees to submit a certification, from a Professional Engineer, that attests that a) the system will deliver the stated performance; and b) the projected project will be substantially completed within two years, and fully completed within three years.
The Applicant provides two-way data transmission with advertised speeds of at least 768 kbps downstream and 200 kbps upstream.
Applicant understands and agrees to comply with the nondiscrimination and interconnection obligations outlined in the NOFA.
If applying for a last mile Broadband Infrastructure project, applicant understands and agrees to comply with the last mile coverage obligations as outlined in the NOFA.

Additional Factors for BIP Selected By Applicant
At least 75 percent of the proposed funded service area qualifies as unserved and underserved rural areas in accordance with the NOFA.
Applicant understands and agrees that the project will be fully funded in accordance with the requirements of the NOFA.



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Applicant understands and agrees that only projects that RUS determines to be financially feasible and/or economically sustainable will be eligible under this NOFA.

Additional BTOP Factors Selected By Applicant

- **Conformity with Statutory Purposes**
- **Cost Sharing/Matching**
- **Reasonableness of Project Budget**

The project advances at least one of the statutory purposes for BTOP

Applicant has provided documentation that the project would not have been implemented during the grant period without federal grant assistance.

Applicant has provided a budget that is appropriate to the proposed technical solution and only includes eligible costs.

- **Demonstration the Project Could not be Implemented But For Federal Grant Assistance**
Applicant is providing matching funds of at least 20 percent towards the total eligible project costs?
Yes

7-k. Cost Sharing/Matching Fund Explanation

N/A

C. Executive Summary

Executive Summary of Project for BIP and BTOP:

8. Infrastructure Projects Executive Summary

The areas served by the proposed project have high unemployment, high poverty rates, low



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average family incomes, and low population densities. These are areas most in need of high-speed, efficient low cost broadband infrastructure. However, the areas served are for the most part unserved or underserved. Economic research indicates that: (i) broadband has a positive and significant effect on growth in employment and a positive effect on growth in total payroll; (ii) migration from dial-up to broadband Internet access tends to increase growth in employment and total payroll; (iii) with increased use of broadband, new jobs are created and productivity rises, both of these changes will have a positive effect on total payroll growth; and a 1% increase in broadband penetration can increase in employment between 0.075 and 1.4%. See Economic Effects of Increased Broadband Use in California by Sacramento Regional Research Institute, which also references a Department of Commerce 2006 Study attached. The project will also pass and proposes to interconnect community anchor institutions (including a significant number of hospitals and health care facilities), public safety entities and critical community organizations. The bandwidth available through the proposed project will enable a variety of applications from very high speed internet to high capacity point-to-point connections to voice services including sip trunks for inbound and outbound voice as well as for hosted PBX services.

We have implemented similar projects in rural Pennsylvania with very positive results which we believe will translate for this project. Zito has found that by offering a converged network of both voice and data services, we can both lower customer expenditures as well as providing them far superior fiber optic data connections. The ability to provision a number of services over a single fiber optic connection has allowed Zito to provide data connections with bandwidth and reliability far exceeding previous customer connections as well as providing these customers savings on their total telecommunications bill. A few examples illustrate the power of this rural network plan. One rural hospital in our original network area has six outlying facilities. Previously, those facilities were tied together through a VPN tunnels operating through a series of DSL or cable modem connections. The Zito network is now providing fiber optic connections to all of those outlying facilities with network speeds ranging from 100 megabits per second to one gigabit per second. In addition, Zito is providing IP phones and hosted PBX service to all of the outlying locations as well as SIP trunks to the PBX at the main hospital. Overall, the customer has a vastly superior data network, an integrated PBX system at all of its outlying sites and a total telecom bill that is less than it paid previously.



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The network is designed to both (i) directly serve business, medical, public safety agencies and other critical community facilities, and (ii) to provide the middle mile connections that can be used for Zito's and other last mile providers along the network. This network can efficiently provide bandwidth to cable television operators, wireless companies, and other competitive telecommunications businesses. The network is designed so that other providers can purchase bandwidth capacity and dark fiber.

The rural communities served by the proposed fiber system project are located in Northeastern Ohio and Northwestern Pennsylvania. The unemployment rates for these areas range from a low of 4.8% and high of 15.5%. 81% of such communities have populations below 10,000 people. Also, 45% of these communities are above the national average for families below the poverty level (9.2%) with the average for these communities at 13.3% and 42% of these communities are above the national average for individuals below the poverty level (12.4%) with the average for these communities at 19%. The project will serve rural areas with average household and family incomes \$37,059 and \$44,240, respectively that are well below the national household and family average incomes of \$41,994 and \$50,046, respectively.

The network will pass 317,442 people, 135,878 households, 5,276 businesses and 146 community anchor institutions, public safety entities and critical community organizations.

The proposed project will provide the following Telecommunication services to Commercial and Enterprise customers:

INTERNET ACCESS:

- Delivered through fiber optics
- Symmetrical speeds
- Low latency
- Redundant connections available
- Speeds up to one gigabit per second available
- BGP supported for larger projects

VOICE:



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- Local, Long Distance, Toll Free, and International
- Inbound and outbound
- SIP trunking as well as legacy connections
- E911, 411, and CNAM

POINT TO POINT DATA:

- LAN or WAN connections
- 10, 100, or 1,000 megabits per second
- Redundant connections available

VIRTUAL PBX:

- Option to replacing premised based telephone system
- Turnkey advanced telephone system
- Management through web interface
- IVR, hunt groups, call queues, fax to email, conference bridges, online reporting
- Multiple sites can be configured as one telephone system
- Trunking limitations disappear

OTHER SERVICES

- Co-location and data backup
- Email and web hosting
- Professional services
- Dark fiber and wavelength services

Zito shall follow the Nondiscrimination and Interconnection Obligations contained in the FCC's Internet Policy Statement (FCC 05-151, adopted August 5, 2005), shall not favor any lawful Internet applications and content over others and will display any network management and nondiscrimination and interconnection policies in a prominent location on the service provider's web page and provide notice to customers of changes to these policies. Zito's operations will comply with the needs of law enforcement and implement reasonable network management and generally accepted technical measures to provide acceptable service levels to



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all customers, such as caching and application-neutral bandwidth allocation, as well as measures to address spam, denial of service attacks, illegal content, and other harmful activities. Zito shall negotiate in good faith with all parties making a bona fide request for interconnection, including terms such as business arrangements, capacity limits, financial terms, and technical conditions for interconnection.

Technically, the Zito network will be configured as follows:

- Ring based for redundancy
- Layer 3, MPLS enabled
- 10 gigabits per second capacity
- Access switch for local connections at one gigabit
- Transport with xfp's and sfp's

Zito has a well qualified management team which is particularly well qualified to provide advanced services to rural communities. Zito's management has extensive experience in:

- Construction and operation of fiber networks
- Regional and national IP backbones
- Commercial and residential high speed internet
- Voice systems—legacy and IP based
- Converged services over common IP network

Major cost components of the network are summarized as follows:

- Fiber optics at \$20,000 per route mile=\$6,840,000
- 16 hubs sites at \$25,000 per hub=\$400,000
- 120 miles of fiber coax upgrade at \$2000 per mile=\$240,000
- Miscellaneous servers, test equipment, and vehicles

After five years of operation, Zito expects on the commercial side that each building served will generate an average of about \$1,500 per month of revenue. Based on revenue of \$132,000 per month in year 5 of the projections, this means that 88 buildings will be served by the network. On the residential side, Zito estimates that approximately 20% of homes passed by



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the upgraded network will subscribe to Zito's high speed internet service. In addition, Zito estimates that about 10% of homes passed will subscribe to Zito's residential voice service. Since the upgraded network will pass about 9,260 homes, this leads to estimates of 1,852 high speed internet customers and 926 residential voice customers.

Jobs created by this project can be divided into four categories: (1) those jobs required to actually directly complete the project; (2) jobs indirectly created by the project through the purchase of materials and equipment and the labor that is required to produce those materials and equipment; (3) jobs created by what macroeconomics would call the multiplier effect—that is, as direct money is spent on the project, those who receive that money will spend a portion of it, thereby creating more jobs; and (4) those jobs created by the enhancement of the infrastructure in these rural communities—just as businesses will not employ people where there is not adequate sewage or transportation, in today's economy, many businesses can not employ people where there is not a modern telecommunications infrastructure.

Assumptions and job creation estimates are summarized in the following chart:

Job Category	Assumption	Estimated Jobs
Direct Jobs	1 man yr per \$55,000 spent on direct labor	116

Indirect jobs	1 man yr per \$200,000 spent on equipment	10
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Jobs resulting from the multiplier effect	\$1 spent on project, \$.45 spent on unrelated labor	69
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Jobs due to infrastructure enhancement	Local jobs increased by .5% over ten` years	550
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Moving down the chart, the time frame moves from immediate, short, mid to long term and certainty from very high, high, moderate to speculative.

Description of BTOP Project Purpose (BTOP Applicants Only Next Three Questions)



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9. BTOP Statutory Purpose:

Provide access to broadband service to consumers residing in “unserved” areas of the United States.
Provide improved access to broadband service to consumers residing in “underserved” areas of the United States.
Provide broadband education, awareness, training, access, equipment, and support to schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations by or through these organizations.
Provide broadband education, awareness, training, access, equipment, and support to organizations and agencies that provide outreach, access, equipment and support services to facilitate greater use of broadband service by low-income, unemployed, aged, and otherwise vulnerable populations.
Provide broadband education, awareness, training, access, equipment, and support to job-creating strategic facilities located within a defined economic zone, or community as designated by a State authority, Department of Commerce , HUD or USDA.
Improve access to, and use of, broadband service by public safety agencies.
Stimulate the demand for broadband, economic growth, and job creation.

10. Description of BTOP Project Purpose:

a) Project addresses compelling problem and presents an opportunity consistent with BTOP statutory goals.

The areas served by the proposed project have high unemployment and poverty rates with low average family incomes and low population densities. These are areas that are most in need of high-speed, efficient low cost broadband infrastructure. The rural communities served by the proposed fiber optic loop are located in Northeastern Ohio and Northwestern Pennsylvania. The unemployment rates for these areas range from a low of 4.8% to a high of 15.5%. 81% of the communities to be served have populations below 10,000 people and exceed the national average for families living below the poverty level -- 9.2% vs 13.3%. Predictably, 42% of



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these communities are also above the national average for individuals living below the poverty level -- 12.4% vs. 19%. The proposed project will serve rural areas with average household and family incomes of \$37,509 and \$44,240, respectively -- well below the national averages for household and family incomes of \$41,994 and \$50,046. The fiber optic network as proposed will pass a total of 317,442 people, 135,878 households, 5,276 businesses and 146 community anchor institutions such as hospitals, health clinics, public safety entities, libraries, schools and other critical community organizations. Without a grant it is not financially feasible to construct this network. With this grant, the project will pass by and interconnect community anchor institutions including a significant number of hospitals and health care facilities, public safety entities, libraries, schools and other critical community organizations.

b) Project offers an effective solution to the problem and addresses the opportunity.

The bandwidth available through the proposed fiber optic network will enable a variety of applications including: very high speed internet; high capacity point-to-point connections; voice services; hosted PBX.

While the network is primarily designed to directly serve the higher data and telecommunications requirements of business, medical facilities, public safety agencies, and other critical community organizations, it is also designed to serve unserved and underserved last mile residential customers as well as provide the middle-mile connections for last mile providers to serve their customers. The network will be able to efficiently provide the necessary bandwidth required by cable television operators, wireless companies, and other competitive telecommunications businesses in the areas to provide more and better services to their customers since the network is designed so that a variety of other providers can purchase bandwidth, lit or dim wavelengths, and even dark fiber.

c) Proposed solution demonstrates broad significance and includes development that can be replicated to improve future projects.

The proposed broadband network is designed: (i) to directly serve business, medical, public safety agencies and other critical community facilities, and, (ii) to provide middle-mile connections that can be used in the future for Zito's and other last mile providers along the network. This fiber optic network will be able to efficiently provide bandwidth to cable



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television operators, wireless companies, and other competitive telecommunications businesses. The network is also deliberately designed so that other providers can purchase bandwidth capacity and dark fiber on it.

We have previously implemented similar projects in rural Pennsylvania with very positive results which we believe will translate for this project as well. Zito has found that by offering a converged network of both voice and data services we can lower customer expenditures while providing them with far superior fiber optic data connections. The ability to provide a number of services over a single fiber optic connection has allowed Zito to provide data connections with bandwidth and reliability far exceeding previous customer connections as well as providing customers' savings on their total telecommunications bill. For example, one rural hospital in our original network area has six outlying facilities. Previously, those facilities were tied together through VPN tunnels operating through a series of DSL or cable modem connections. The Zito network is now providing fiber optic connections to all of the outlying facilities with network speeds ranging from 100 megabits per second to one gigabit per second. In addition, Zito is providing IP phones and hosted PBX service to all of the outlying locations as well as SIP trunks to the PBX at the main hospital. Overall, the customer has a vastly superior data network, an integrated PBX system for all of its outlying sites and a total telecom bill that is less than what it was paying previously.

The proposed broadband project will also provide the following Telecommunication services to Commercial and Enterprise customers:

INTERNET ACCESS:

- Utilizing a fiber optic delivery system able to adapt to future advances in broadband technology
- Symmetrical speeds
- Low latency
- Redundant connections for fail-safe reliability
- Speeds up to one gigabit per second if required
- BGP supported for larger projects

VOICE:



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- Local, Long Distance, Toll Free, and International service
- Inbound and outbound
- SIP trunking as well as legacy connections
- E911, 411, and CNAM capabilities

POINT TO POINT DATA:

- LAN or WAN connections
- 10, 100, or 1,000 megabits per second
- Redundant connections available for failsafe reliability

VIRTUAL PBX:

- Option to replacing premised based telephone system
- Turnkey advanced telephone systems
- Management through web interface
- IVR, hunt groups, call queues, fax to email, conference bridges, online reporting
- Ability to configure multiple sites as one telephone system
- Trunking limitations disappear

OTHER SERVICES

- Co-location and data backup
- Email and web hosting
- Professional services

Dark fiber and wavelength services

d) Whether the proposed funded service area is in an unserved and underserved area.

100% of the last mile service areas of proposed funded service area are unserved and underserved areas. 11% of the last mile service areas are unserved and 89% are underserved.



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e) The extent to which the project addresses more than one statutory purpose.

The project addresses multiple statutory objectives of the BTOP program in Northeastern Ohio and Northwestern Pennsylvania including: (i) access to broadband services for consumers in unserved areas; (ii) vastly improved access to broadband services for consumers in underserved areas; (iii) access to advanced broadband services and equipment for schools, libraries, medical and healthcare providers, community colleges, other higher education institutions, and other critical community institutions and non-profit organizations; (iv) greater access to broadband service for low-income, unemployed, aged and other vulnerable populations that are a significant portion of the population in these very rural areas; (v) vastly improved access to broadband service for public safety agencies and other critical community institutions and organizations; and, (vi) stimulate job creation and economic growth as set forth in the chart below:

Job Category	Assumption	Estimated Jobs
Direct Jobs	1 man yr per \$55,000 spent on direct labor	116

Indirect jobs	1 man yr per \$200,000 spent on equipment	10
---------------	---	----

Jobs resulting from the multiplier effect	\$1 spent on project, \$.45 spent on unrelated labor	69
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Jobs due to infrastructure enhancement	Local jobs increased by .5% over ten` years	550
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Moving down the chart, the time frame moves from immediate, short, mid to long term and certainty from very high to speculative.

11. BTOP Enhanced Services for Health Care Delivery, Education, and Children:

Zito already works extensively with health care organizations in the area. Zito has already tied three local hospitals to almost twenty satellite facilities. Most of these connections are one gigabit connections. In addition, Zito is part of the solution for Pennsylvania Mountain Health Alliance where fourteen local hospitals are being tied together with high speed data



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connections. Zito has been awarded the contract to tie Hamot Medical Center together with a number of rural health facilities in north central Pennsylvania. Zito has helped several hospitals avoid extra expenditures on PBX equipment by providing hosted PBX capability.

This project brings substantial potential benefits to the medical facilities within the region. Such benefits include: (1) the ability to tie local hospitals to surrounding satellite facilities with high speed (100-1000 mbts) connections; (2) connecting rural hospitals to tertiary care centers for telemedicine applications; (3) connecting multiple rural hospitals together for the purpose of sharing various overhead functions or software capabilities; (4) the use of a hosted pbx solution in order to avoid hundreds of thousands of dollars for pbx upgrades. There are over 50 hospitals and medical facilities which will able to be connected by the proposed project.

Overall, this project brings not only the potential of bringing benefits to medical facilities within the region, but Zito brings a proven track record of bringing these benefits to hospitals. Zito has extended these benefits not just to the main local hospitals but also to the smaller surrounding medical clinics, administrative offices, and physician facilities.

This network can also greatly benefit the schools of the area. Zito currently connects over ten school districts in Intermediate Unit 9 of Pennsylvania back to the main Intermediate Unit in Smethport, Pennsylvania. In addition, in several districts, Zito ties the schools within that district together with one gigabit data connections. Finally, Zito has already installed its virtual PBX service in one school district and is currently installing its hosted PBX service in two school districts as well as at the main intermediate unit administrative facility in Smethport. There are over 51 schools and educational facilities that can be connected by the proposed project.

This project will benefit the residents of this region in many ways. In northern Pennsylvania Zito is already providing schools, hospitals, and other health care organizations the tremendous potential benefits that high bandwidth connectivity can bring to their organizations and to the residents whom they serve. Zito expects that this area will similarly benefit.

D. Proposed Funded Service Area

12. Proposed Funded Service Area Maps:



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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

18. Middle Mile Benefits

The middle mile project will provide service to the following last mile service areas: Thompson, Rock Creek and Denmark Center, OH, all of which are 100% rural areas. Zito proposed to offer connections to the following last mile service providers: Suddenlink Communications, Windjammer Communications, TeleMedia, Orwell Communications and Northeast Cable. The list of critical community facilities, community anchor institutions, social service organizations and public safety entities that will be targeted as direct customers is attached in supplementary information section 3 of the Uploads part of the application.

In order to estimate the number of nonresidential locations served, Zito has used data from the United States Census which provides the number of nonresidential locations by community. Zito management then used market share approximations from Pennsylvania markets where the company has been marketing for the last eighteen months for most of the communities covered by this application. Zito did, however, reduce this market share assumption for some of the larger communities covered by the application in order to appropriately adjust for a greater



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level of competition in those communities either from the ILEC or, in some very limited instances, from other competitive telecom providers. Zito believes these assumptions are conservative for the following reasons: (1) this market share has been reached in our initial markets in only eighteen months; the company does not reach this market share in our projections until the end of three years, a period which is twice as long; (2) the company has gained experience and is better positioned to properly market its services to these new communities; (3) the company has reduced its market share assumptions in larger communities which could be more competitive; and (4) these projections do not assume any business at all from certain business segments such as serving the wireless provider market, a segment of the market which Zito believes will eventually be a strong revenue generator.

This project brings substantial potential benefits to the critical community organizations and public safety agencies within the region. Such benefits include: (1) the ability to tie critical community organizations and public safety agencies to surrounding satellite facilities with high speed (100-1000 mbts) connections; (2) connecting multiple critical community organizations and public safety agencies together for the purpose of sharing various overhead functions or software capabilities; and (3) the use of a hosted pbx solution in order to avoid hundreds of thousands of dollars for pbx upgrades.

The proposed network has been engineered so that relatively small locations can be served with fiber, social service organizations will also be able to access the network. For example, the Zito network in Pennsylvania currently ties together ten locations of a non-profit organization that provides mental health services for residents in a three county area of Pennsylvania. Zito is also currently negotiating an agreement with another social service organization which provides services throughout a two county area of northern Pennsylvania.

Over time, this project will benefit the residents of this region in many ways. Schools, libraries, hospitals, public safety agencies and other critical community organizations are just beginning to realize the tremendous potential benefits that high bandwidth connectivity can bring to their organizations and to the residents whom they serve. Hospitals and health clinics will be able to coordinate their outreach and service efforts and provide expert medical and other services via telemedicine that would otherwise be unavailable to the residents of these communities. Social welfare organizations and communities themselves will be able to coordinate and better publicize their efforts on behalf of their citizens to avoid duplication or reap the benefits of



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economies of scale. As envisioned by Congress, the proposed network project will help the unserved or underserved residents of another region begin the process of realizing the both the public, governmental, economic and social benefits that such an advanced broadband network can bring to individuals and their communities.

E. Proposed Service Offering

19. Broadband Service Offerings for Last Mile Project:

Please refer to upload section at the end of the document.

20. Service Offerings for Middle Mile Project:

Please refer to upload section at the end of the document.

Competing Service Providers

21. Existing Broadband Service Providers and Services Offered:

Please refer to upload section at the end of the document.

Non-Discrimination, Interconnection

22. Description of Network Openness:

Zito shall (i) follow the Nondiscrimination and Interconnection Obligations contained in the FCC's Internet Policy Statement (FCC 05-151, adopted August 5, 2005), (ii) not favor any lawful Internet applications and content over others, (iii) display its network management and network nondiscrimination and interconnection policies in a prominent location on its web page and provide notice to customers of changes to these policies, (iv) connect to the public Internet directly or indirectly such that the project is not an entirely private closed network and (v) offer interconnection, where technically feasible without exceeding current or reasonably anticipated capacity limitations, on reasonable rates and terms to be negotiated with requesting parties including both the ability to connect to the public Internet and physical interconnection for the exchange of traffic.

In addition, Zito shall negotiate in good faith with all parties making a bona fide request



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for interconnection, including terms such as business arrangements, capacity limits, financial terms, and technical conditions for interconnection. If Zito and requesting party cannot reach agreement, Zito shall seek an interpretation by the FCC of any FCC rules implicated in the dispute. If an agreement cannot be reached within 90 days, Zito shall (i) notify RUS or NTIA in writing of the failure to reach satisfactory terms with the requesting party and (ii) agree to binding private arbitration of disputes regarding such interconnection agreement and all of Zito's interconnection obligations under this paragraph and the previous paragraph. Zito shall offer wholesale access to the facilities of the project, including wavelength and fibers, at reasonable rate and terms and construct and operate the project to allow more than one provider to serve end users in the proposed funded service area. Zito shall not use nor allow of any of its contractors or subcontractor to use interconnection for ineligible purposes under the Recovery Act.

Zito understands that the requirements in the previous two paragraphs apply for the life of its facilities under the project and to any contractors or subcontractors of Zito employed to deploy or operate the network facilities for the project. Zito acknowledges that failure to comply with the above requirements may be considered a default or breach of its grant or loan agreement with the RUS or NTIA and they may exercise all available remedies to cure such default or breach.

Zito will not apply restrictions to residential or commercial internet traffic. Zito will employ business practices or technical mechanisms for reasonable network management including application-neutral allocation of capacity, caching, differentiation among applications, providers and sources in order to limit usage and to manage illegal or harmful content and compliance with the needs of law enforcement. For residential and commercial traffic, at times, traffic will be restricted on certain ports to address issues with spam, worms, denial of service attacks and viruses to maintain reasonable customer service levels. Zito will offer managed services, such as telemedicine, public safety communications, and distance learning, which use private network connections for enhanced quality of service and adherence to HIPAA standards and other legal requirements. Reasonable congestion management tactics will be used based upon whether the traffic is time sensitive or non-time sensitive. Examples of time sensitive applications are voice (VoIP), Web Surfing, IM, tunneling & remote connectivity, streaming, and on-line games. Examples of non-time sensitive applications are file access, network storage, and software updates. Zito shall not use congestion management



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tactics to impair or degrade applications or services.

Non-Discrimination and Interconnection (BTOP applicants only for next three questions)

23. Non-Discrimination Obligations (applicable to Last Mile and Middle Mile Applicants):

Adhere to the minimum non-discrimination requirements as set forth in the NOFA.

Display the nondiscrimination practices in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.

24. Interconnection Obligations (applicable to Last Mile Applicants):

25. Interconnection Obligations Middle Mile Applicants:

Adhere to the minimum interconnection requirements as set forth in the NOFA.

Display the interconnection policies in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.

Commit to offering wholesale access to network components and services such as wavelength or fibers at reasonable rates and terms.

Commit to binding private arbitration of disputes concerning interconnection obligations.

Cost Effectiveness and Affordability



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26. Cost per Household (BTOP only):

N/A

27. Affordability

The ability to transmit voice, video, and data over a common IP connection along with very cost effective gigabit transceivers enables Zito to offer a combination of services over a common fiber optic connection very cost effectively. In marketing to businesses and various institutions in rural areas in Pennsylvania, Zito's experience is that most locations currently spend far more money on their voice services than they do on their data network. Most locations have a relatively low speed (compared to fiber optic capacity) cable modem or DSL connection. This generally provides the location's connection to the internet. In order to communicate from point to point, most organizations in rural areas seem to rely on a VPN which operates through these internet connections. From years of working with such organizations, it is clear that they have a strong preference to significantly improve their data connection, but they generally do not have the budget to fund such an improvement on top of the rest of their telecom expenditures.

By bundling a series of services together, Zito has been able to provide these organizations with far better data connections along with sophisticated IP based voice services at a cost that is no more than, and often less, than their current telecom expenditures. Technically, this is achieved over a common fiber optic connection. From a business standpoint, Zito accomplishes this by offering significant discounts to customers who purchase multiple services. While there are variable network costs which are incurred in order to provide internet and voice services, these costs are generally less than 20% of the revenues from a customer. As a result, Zito is able to offer significant discounts on multiple services, thereby offering very good value to customers for the price while still maintaining healthy margins on this business.

A few examples will help illustrate how Zito has been able to bundle services together to enable the customer to attain a much better data network and internet connection while allowing Zito to have a profitable customer. One of Zito's current customers is a mental health service organization with about ten locations spread across a three county area. Connections between buildings were generally provided through VPN's—capacity was limited and administration was cumbersome. This customer had been spending approximately \$7000 per month. For about the same cost, Zito is now providing 100 and 1000 megabit layer two



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connections between locations as well as ten megabits of symmetrical internet service. In addition, Zito is providing all voice services to this customer including all new IP telephones and hosted PBX service. The customer is paying approximately the same amount of money yet has a much better internet connection, dramatically faster connections between its locations, and an integrated data and voice network which is easier to administer.

A second example concerns a local hospital with ten locations. Once again, data connections were limited to DSL and cable modems. Telecom expenditures prior to implementation of Zito services were over \$20,000 per month. Zito, through its fiber optic network and bundling approach has been able to reduce the hospital's telecom bill by almost 20% while providing gigabit connections to nine of the hospital's locations and a 100 megabit connection to the tenth location. The hospital is also receiving an enhanced internet connection and hosted PBX services.

Telecom options in rural areas are extremely limited. As a result, businesses and other organizations have had to live with suboptimal data connections which have affected the way they do business. Zito's network provides many of these organizations with state-of-the-art telecom services which allows them to be more competitive with such organizations in more metropolitan areas.

F. Technology Strategy

28. Technology Type:

Wireline - Coaxial Cable
Wireline - Fiber-optic Cable

Other:

29. System Design

Zito's 382 mile regional broadband network architecture is based on a physical ring



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topology connecting sixteen towns and small cities in Northeastern Ohio and Northwestern Pennsylvania. Of the 382 miles, 35 miles are built (leased fiber) and being donated to this project by Zito and 347 miles will be built and funded through this project. The ring is comprised of fiber optic segments between communities with a dedicated base bandwidth of 10 Gbps. These 10 Gbps links are then connected to Multiprotocol Label Switching (MPLS) network devices which allow for different types of services to be carried over the same network infrastructure. A ring topology allows for uninterrupted service in the event of any single fiber link failure by automatically rerouting around the faulty segment. System recovery in the event of a fiber cut or element failure will be less than one second as traffic is rerouted around the other side of the fiber optic ring. Failover on the regional rings will be done at the layer three level.

As a regional Internet Service Provider (ISP), commercial and residential Internet service will be provided by interconnecting to two independent Internet transit providers in geographically separate aggregation sites which allows for the most robust service by eliminating a single site or single provider failure. Border Gateway Protocol (BGP) is the core Internet Protocol (IP) used for dynamic routing throughout the network and additionally to allow interconnections to larger multi-homed commercial customers or other downstream local internet providers.

In addition to the regional rings, local fiber rings and laterals will be built in order to serve the business, health care, government, and educational needs of the community. Local transport to customers will be provided through ethernet switches. The underlying transport to each customer facility will be a minimum of one gigabit standard one gigabit fiber sfp's plugged into the ethernet switches. For customers who require route redundancy, this will be provided at the layer two level using either link aggregation or rapid spanning tree.

Other services such as Ethernet Virtual Private Network (EVPN) will be built on top of the MPLS infrastructure. EVPN's are essentially private Ethernet circuits that are cost effective alternatives to traditional leased circuits such as T1, T3 and OC-x. In addition to being used internally to transport various data services, EVPN circuits can be extended to customers who find those traditional circuits either unavailable or cost prohibitive.



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Additional Zito IP based services such as local and long distance voice, E911 service, voice mail, unified messaging, and hosted pbx services. Each of these utilizes the Voice over Internet Protocol (VoIP) which takes advantage of rapid and dynamic re-routing capabilities of IP/MPLS network and portability which is not possible in traditional wire line telephony services. Zito's voice platform is comprised of redundant servers with automatic failover. Zito's hosted pbx service functions as a sophisticated pbx, and its web based interface can be accessed from any browser. New phones, IVR's, hunt groups, call queues, and conferences can easily be set up by users on this interface.

Ten years ago, it was not possible to cost effectively build a 10 gigabit ring though a number of rural communities and offer sophisticated services through that ring. A number of technology developments have occurred which have allowed the Zito approach described here: (1) the continued development of ethernet technology in terms of capacity, features, size, and cost; (2) the development of very cost effective 10 gigabit xfp's which enable the transport of 10 gigabits per second over long distances; (3) the continued development of IP voice which allows this important application to be offered over an integrated IP network; and (4) the development of MPLS so that multiple services can be integrated over a common IP network. The Zito network takes advantage of all of these developments to bring tremendous bandwidth to these rural communities.

30. Network Diagram:

Please refer to upload section at the end of document.

31. Certification by Professional Engineer:

Please refer to upload section at the end of document.

32. Buy American Waiver Request:

Is the applicant seeking an individual waiver of the Buy American provision? **No**

Buy American Waiver Request – Legal Justification

N/A



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33. Choice of Service Provider:

Does the project's Infrastructure and the Company's business plan allow more than one provider to serve end users in the proposed funded service area?

Yes

G. Project Milestones and Completion Factors

Timeline & Milestones

34. Infrastructure Build-out Timeline:

Please refer to upload section at the end of the document.

35. Licenses, Regulatory Approvals and Agreements:

There are no regulatory approvals required from the State of Ohio or the Commonwealth Pennsylvania to implement or operate the proposed project. Presently, Zito has a number of existing pole attachment agreements with various utilities in Ohio and Pennsylvania that will need to be amended to add poles not presently under those agreements along the construction route of the ring proposed in the application. Zito will have to submit its construction plans to the pole owners in order to complete the make ready process for the new pole attachments. Zito may have to enter into new pole attachment agreements along the ring route if it does not already have an existing agreement with such pole owner. Zito will lease space as needed for its hub equipment along the project ring route.

36. Construction and Vendor Contracts

Zito experienced staff will plan and oversee the project. Much of the actual field work will be performed by contractors. Among the work which Zito expects to contract out to third parties includes the detailed mapping of the routes, the CAD drawings of the construction route, the pole profiles which are necessary for the pole applications, and the actual construction of the fiber optic cable. In addition, the coaxial splicing and electronics work



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which must be done for the coaxial upgrade will be performed by contractors.

Zito has worked with a number of qualified contractors with the appropriate expertise over the last several years. Their work for Zito has been performed in a timely way, and it has been of high quality. Zito is very confident that these contractors can handle the type and volume of work that will be necessary for this application. Attached in supplementary information section 3 of the Uploads part of the application are letters from these contractors describing their expertise and attesting to their ability and willingness to work on this project.

Qualification of Management Team and Organizational Readiness

37. Management Team Resumes:

Please refer to upload section at the end of the document.

38. Organizational Readiness:

Zito's management team has extensive experience in the installation, activation, and operation of fiber optic, broadband systems as well as with the deployment of services over those networks. This experience extends from the executive management level to the operations, engineering, sales and marketing, and customer project implementation. Most of Zito's senior management previously held key roles in companies with nationwide networks. In their roles at Zito, this management team is already operating a very successful business based on the same business plan and the same technology that will be deployed in this project. For the last four years, Zito management has focused exclusively on how to successfully bring advanced services to the rural market.

Because Zito is building an IP, MPLS based network, the provisioning, monitoring, and management of that network is substantially less cumbersome than in the traditional telecommunications network. In the MPLS world, provisioning is limited to each end of the circuit. This obviously makes the provisioning of bandwidth much easier in the Zito network than in a traditional telecom network.

The following table summarizes some of the network management tools which Zito will utilize.



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Tool	Functions
Zenoss	System monitoring Alarms/alerts Customer reports
Nagios	System monitoring Alarms/alerts Customer reports
Cacti	Historical data analysis Trending Capacity planning
RANCID	Device configuration management and audits
Smokeping	Latency/loss monitoring
Flow-tools	Traffic trending and analysis Anomaly detection

In addition to these network management tools, Zito uses GLDS software for billing and for cable modem provisioning, TruVizion from ZCorum for cable modem monitoring, MantisBT for trouble ticketing, Sugar for its commercial customer database and sales management, and the Enswitch platform for IP voice switching and hosted PBX services.

Zito has extensive experience in the marketing and sales of communications products to both the residential market and to commercial customers. On the residential side, the company uses a combination of marketing and sales tactics including: (1) direct mail, (2) billing inserts, (3) local newspaper, radio, and billboard advertising, (4) local door hanger programs, and (5) telemarketing. Whenever possible, Zito markets a full triple play package including local and long distance voice, digital television, and high speed internet access.

On the commercial side, Zito believes that the only way to effectively sell our products is with a direct sales force. The size of these sales and the complexity of our commercial offerings requires direct contact with potential customers. Zito has a two-tier direct sales strategy: higher level direct sales people will cover the large, strategic opportunities while smaller businesses and less complicated sales can be handled by less experienced sales people. This two-tier strategy provides effective coverage of the entire market, while allowing Zito to sell its



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products cost effectively.

In summary, Zito management has the experience to operate advanced networks. In addition, management is focused exclusively on successfully operating in rural markets and small cities, and they have implemented the software tools that are suited to operating these types of networks in rural markets. The company is well qualified to construct and operate the network described in this application.

Other

39. Organizational Chart:

Please refer to upload section at the end of document.

40. Legal Opinion:

Please refer to upload section at the end of document

41. Government and other Key Partnerships:

Zito has worked with a number of critical community organizations, public safety agencies and health care providers in order to identify ways that both sides can benefit from the deployment of the broadband fiber network:

1. In McKean County, the County, the City of Bradford, and the North Central Pennsylvania Regional Planning and Development Commission combined to help provide Zito with the financing necessary to finish building the McKean County fiber optic network. In return for this, McKean County was granted a number of fiber optic strands throughout the entire route to use for their own purposes.
2. In addition, Zito worked with the County to make the County's 911 center Zito's main hub in Smethport, Pennsylvania. In this arrangement, Zito received a very reliable hub site while the County was able to have its 911 center on the main transport ring as well as having access to the County strands from their 911 center.
3. Bradford Regional Medical Center has allowed Zito to make a room in their main facility its major hub in the City of Bradford, Pennsylvania. The hospital is therefore on Zito's main regional ring and Zito once again gets a very reliable hub site very cost effectively.



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4. Sandy Township has allowed Zito to use its facility as a hub for its Dubois, Pennsylvania operation. In return, Zito is purchasing a generator which will serve not only Zito's hub but the entire Sandy Township facility.

5. Warren County as approved an agreement where Zito gets space in one of their buildings and the County receives one gigabit of transport from that facility to their 911 center.

Zito will work in similar ways with the public, private, non-profit, health care and critical community organizations of this region in order to identify ways that both sides can benefit in the construction of the network. The organizations that Zito specifically plans on working with are attached in question 41 of the Uploads part of the application.

42. Recovery Act and Other Governmental Collaboration.

Zito has worked with the North Central Pennsylvania Regional Planning and Development Commission, the Northwest Pennsylvania Regional Planning Commission, the Pennsylvania Northern Tier Regional Planning and Development Commission and the New York Southern Tier West Regional Planning and Development Board in order to identify ways that both sides can benefit from the deployment of the broadband fiber network. Specifically, in McKean County, the County's economic development entity, the City of Bradford, and the North Central Pennsylvania Regional Planning and Development Commission combined to help provide Zito with the financing necessary to finish building the McKean County fiber optic network. In return for this, McKean County was granted a number of fiber optic strands throughout the entire route to use for their own purposes.

Zito will work in similar ways with state and federal economic development organizations of this region in order to identify ways that both sides can benefit in the construction of the network. The organizations that Zito specifically plans on working with are attached in Supplementary Information Section 3 of the Uploads part of the application.

Community Involvement (BTOP Applicants Only)

43. Partnering with Disadvantaged Businesses

N/A



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H. Project Budget

44. General Overall Budget



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Budget	Loan Request	Grant Request	Equity	Debt	Bond	Other
Network & Access Equipment (switching, routing, transport, access)		202,320	50,580			
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)		5,460,822	1,365,205			
Buildings and Land – (new construction, improvements, renovations, lease)						
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)						
Billing and Operational Support Systems (IT systems, software, etc.)		17,600	4,400			
Operating Equipment		78,240	19,560			



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(vehicles, office equipment, other)						
Engineering/ Professional Services (engineering design, project management, consulting, etc.)		265,282	66,321			
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)		6,400	1,600			
Site Preparation		42,240	10,560			
Other		64,000	16,000			
TOTAL BROADBAND SYSTEM		6,136,904	1,534,226			



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Total Budget: \$ 7,671,130

45. Detailed Budget:

Please refer to upload section at the end of the document.

Sustainability

46. Reasonableness

The management of Zito has built and operated similar networks. All of the materials and equipment are based on actual price quotes or on actual prices paid over the past twelve months for materials or equipment of this kind. The labor costs and estimates are based on either price quotes which we have received from third party contractors whom we have used in the past or on actual prices which we have paid to these contractors in the recent past.

Zito acquires fiber optics, steel strand, and other hardware items through an arrangement with the National Cable Television Cooperative, which is a cooperative organized for small cable operators in order to negotiate with programmers and hardware vendors. The price of the Juniper equipment which will provide the core of this network has already been negotiated. Zito has used equipment such as servers, switches, racks, and UPS equipment from Dell for several years, and the pricing/discounting for this equipment is established. Overall, the pricing for any significant components of this network construction are already established so any cost risk due to pricing is very minimal.

In order to provide a great deal of bandwidth to these communities very cost effectively, Zito has kept the design of this network very simple and consistent with proven designs. This is made possible by advances in equipment as well as by the convergence of voice, video, and data at the IP level. As a result there is very little cost risk resulting from system design issues.

Much of the labor required for this project will be performed by contractors. As a result, contract labor is an important component of the overall project cost. Zito has strong relationships with contractors who are capable of mapping and design work as well as with contractors who have extensive experience in the construction of fiber optic plant. Established pricing with these contractors is consistent with the cost estimates presented in this application, any risk associated with the labor cost portion of this project is limited.



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The major component of the project costs which are difficult to estimate concerns the process of making room on the poles for the Zito fiber optics. Without doing detailed engineering on each pole it is difficult to have a precise estimate of what it will cost to have the utilities rearrange their wires or replace some of their poles in order to make space on the poles for our fiber. We have presented a cost estimate in this application of \$11,000 per mile for this work. This estimate is based on doing hundreds of miles of fiber construction in similar rural communities over a period of time. We believe that this estimate is a worst case estimate of what the average make-ready cost per mile will be for this project. We believe that it is possible that these costs will come in at \$2000-3000 less per mile than we have estimated in this application, but we believe it is prudent to assume the numbers presented in the application.

A second area where costs may vary somewhat is in the cost of hub locations. Zito has previously been very successful in locating hub sites where the costs of putting our equipment is minimal. Typically, we have been able to locate our equipment in 911 centers, hospitals, or other facilities where the environmental and backup power are such that our costs for such equipment is minimal. We anticipate that we will also be successful in the communities covered by this application. We have put some money in the application in the event that we are not completely successful on this. These costs are a relatively small part of the total project cost so a variance here would not have a big impact on the project.

In summary, while all projects involve some cost risk, Zito believes that the cost estimates presented in this application are accurate and that the risk of cost overruns is very limited.

47. Historical Financial Statements:

Please refer to upload section at the end of the document.

48. Broadband Subscriber Estimates:

Please refer to upload section at the end of the document.

49. Other Services:

Please refer to upload section at the end of the document.

50. Pro Forma 5-Year Financial Forecast and Assumptions:

Please refer to upload section at the end of the document.



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Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

51. Commitment of Capital Funding Support
Commitment of Capital Funding Support

1.
o [Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

2.
o [Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

BTOP Requirements

52. Matching Funds:

- a. Cash: \$ 1,534,226.00
- b. In-Kind: \$.00
- c. Percent of Total Project Cost: 20

53. Demonstration of Financial Need:

The present value analysis in the Financial Assumptions of question 50 demonstrates that this project, without a grant, has a negative net present value and a negative internal rate of return. This analysis is based on the cost of building the project, the cost of installing customers, and the EBITDA generated by the business over time. The analysis also assumes a multiple of six times ending EBITDA as a terminal value for the business. This analysis demonstrates why rural areas covered by this application as well as throughout the country



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have remained underserved by fiber optic networks--the density of revenue opportunities in these areas do not justify financially the cost of the build. In this case, the internal rate of return of the project is -5.22% and the net present value of the project is -\$3,224,272.

Given these negative numbers, it is clear that the Northwestern Ohio and Northwestern Pennsylvania fiber ring project proposed in this application would not be built without the proposed grant. The majority of the costs of constructing the proposed network are for the cost of preparing space on the utility poles, labor to actually map, engineer, and construct the fiber optic lines and the cost of the fiber and electronics in the network. Our estimate is that to construct the network would take an investment of \$7,671,000.

The reality is that the large majority of communities along the fiber optic ring proposed by this application are unserved in any significant way by a modern broadband fiber optic network. The businesses, health care organizations, schools, and government agencies simply do not have the type of network options that are available in more metropolitan markets. And the main reason for this is that the cost of building fiber rings to these communities is simply not justified by the volume of business available in these markets.

With the grant proposed in this application, this project, according to our projections, would earn a return of 29.54% on the capital invested by Zito (see financial assumptions tab of attachments K, L and M of question 50). This return is sufficient to justify the risk involved in the project.

Zito's business plan would bring true broadband service offerings to all of the major institutions and businesses in these communities. For these communities to remain competitive with larger communities in this country and communities throughout the world, access to these types of broadband services is essential. Given the economics of building fiber in rural areas, that access will simply not occur without the type of grant proposed in this application. However, if constructed using grant funds the project should be sustainable because there is sufficient business to justify operating the network but not for its construction.

Also, Zito requested that First Citizens National Bank (a bank Zito has a substantial business relationship with) loan to Zito 80% of the project cost. The bank informed Zito that they could not approve such a loan because the amount of income and value of collateral were



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insufficient. Attached in supplementary information section 3 of the Uploads part of the application is the disapproval of the loan.

54. Unjust Enrichment

N/A

55. Disclosure of Federal and/or State Funding Sources

N/A

I. Self Scoring – BIP Only Self Scoring

56. Self Scoring Sheet



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Criteria	Method	Points	Self Scores
<u>PROJECT PURPOSE</u>			
Proportion of Rural Residents Served in Unserved Areas	1 point for every 10,000 unserved households	Up to 5	2
Rural Area Targeting	1 point for every 5% increase in the rural service area up the minimum 75% rural area requirement	Up to 5	3
Remote Area targeting	1 point for every 50 miles a service area is located from a non-rural area	Up to 5	5
Title II Borrower	If you are or were a Title II borrower	5	0
Recovery Act and other governmental collaboration	1 point will be awarded for each governmental or Recovery program the applicant is partnering with	Up to 5	0
<u>PROJECT BENEFITS</u>			
Performance of the offered services	If a last mile wireline project delivers 20M to household – if a last mile wireless projects delivers 2M to end-user – if a middle mile projects delivers 100M to end points	10	10
Affordable of services offered	Points awarded based on the proposed rate structure and the logistics of the proposed service area	Up to 5	5



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Choice of service provider	If the proposed infrastructure is available to be used by multiple service providers	5	5
Critical Community Facilities	If discounted rate packages at least 25% lower than advertise rates are available to critical facilities	5	5
<u>PROJECT VIABILITY</u>			
Applicant's organizational capability	Points will be awarded on the strengths and accomplishments of key management	Up to 12	12
Community Support	If a letter of support has been received from a designated representative of the community for every community in the proposed service territory	2	0
Ability to promptly start project	If the applicant can demonstrate that all licenses and regulatory approvals have been received, contractors and vendors are ready to enter into contracts, and equity has been deposited into applicant accounts	10	10
Socially and economically disadvantaged small businesses (SDB), as defined by section 8(a) of the Small Business Act, 15 U.S.C. §637.	If the applicant is a Section 8(a) entity	1	0
<u>PROJECT BUDGET AND SUSTAINABILITY</u>			
Reasonableness of the budget	Points will be awarded based the	Up to 5	5



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	adequacy of the proposed budget		
Leverage of outside resources (outside funding/financing requested)	(i) 10 points if this ratio is greater than 100% (ii) 7 points if this ratio is between 100% and 75% (iii) 5 points if this ratio is between 75% and 50% (iv) 3 points if this ratio is between 50% and 25% (v) 1 points if this ratio is lower than 25%	10	1
Extent of grant funding (Grant funds/loan funds)	(i) 0 points if this ratio equals 100% (ii) 1 points if this ratio is between 100% and 75% (iii) 3 points if this ratio is between 75% and 50% (iv) 5 points if this ratio is lower than 50% (v) 10 points if no grant funds are requested	10	0
Total Points		100	63



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J. BTOP Certification Requirements

Certification (Requested for BTOP)

Please refer to upload section at the end of the document regarding following uploads.

1. U.S. Department of Commerce, Broadband Technology Opportunities Program
2. SF-424D Assurances—Construction Programs (Schedule N)
3. CD-511, Certification Regarding Lobbying (Attachment O)
4. SF-LLL, Disclosure of Lobbying Activities (Attachment P)
5. CD-512, Certification Regarding Lobbying—Lower-Tier Covered Transactions (Attachment Q) This certification will not be required until the time of the grant award, because it applies to subcontractors, etc.

K. BIP Certification Requirements

Certification (Requested for BIP)

Please refer to upload section at the end of the document regarding following uploads.

1. Equal Opportunity and Nondiscrimination Certification
2. Certification Regarding Architectural Barriers
3. Uniform Relocation Assistance and Real Property Acquisition - Policies Act of 1970 Certification
4. Certification Regarding Debarment, Suspension, and Other Responsibility Matters – Primary Covered Transactions
5. Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements



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

L. Schedules

Schedule: A-1 Congressional Districts

1. State the Congressional District of the Applicant's headquarters

Pennsylvania - 5

2. State the Congressional District for each area covered by the Project.

Ohio - 3

Ohio - 14

Ohio - 17

Pennsylvania - 10

M. Proposed Funded Service Area Details (BIP & BTOP)

13. Proposed Funded Service Area (BIP - Last Mile Projects):

Proposed Funded Service Area Name:

Census Blocks in Proposed Funded Service Area:

Community Name:

Rural Classification of the Community:

BIP - Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--



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BTOP – Service Status:

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.

- Total Square Miles of Community:**
- Total Population :**
- Total Number of Households:**
- Total Number of Businesses:**
- Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:**

14. Proposed Service Area (BTOP - Middle Mile Project):

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Thompson, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.



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No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 14
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Cork, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based,



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terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 9
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Trumbull
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



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No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 1
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA -Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: East Trumbull
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



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No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;

The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 11
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Footville
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Total Square Miles of Service Area: 9
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Hambden
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Total Square Miles of Service Area: 12
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Montville, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Total Square Miles of Service Area: 8
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Hartsgrove, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
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No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
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Total Square Miles of Service Area: 11



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Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Rome, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
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BTOP - Service Status: Unserved

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No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 9,870



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Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Claridon, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 10
Total Population : 9,870
Total Number of Households: 3,632



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Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Total Number of Businesses: 128

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: East Claridon, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 11

Total Population : 9,870

Total Number of Households: 3,632

Total Number of Businesses: 128



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28

Middle Mile Span Name: Erie, PA - Thompson, PA - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Huntsburg, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 10
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

Middle Mile Span Name: Erie, PA - Thompson, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Thompson
Community Name: Calm, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 9,870
Total Number of Households: 3,632
Total Number of Businesses: 128
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 28



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Rock Creek, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 10
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Middle Mile Span Name: Erie, PA - Rock Creek, OH -Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Austinburg
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Eagleville, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 4
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.

Last Mile Service Area Name: Rock Creek
Community Name: Roaming Shores, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: New Lyme, OH



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 1
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Dodgeville, OH
Rural Classification of the Community: Rural



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 5
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: South New Lyme, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Lenox Center, OH
Rural Classification of the Community: Rural
BIP - Service Status: Underserved



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 7
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Rays Center, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 3
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Rock Creek, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Rock Creek
Community Name: Turkey Foot Corner, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 2
Total Population : 4,395
Total Number of Households: 1,803
Total Number of Businesses: 212
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 29

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Denmark Center, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 7
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Gageville, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Kellogsville, OH
Rural Classification of the Community: Rural
BIP - Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps



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

Submitted Date: 8/19/2009 7:19:49 PM		Easygrants ID: 579	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Zito Media Communications II, LLC	
Task: Submit Application - Infrastructure Programs		Applicant Name: Colin H Higgin	

downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 10
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Bushnell, OH
Rural Classification of the Community: Rural
BIP – Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



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

Submitted Date: 8/19/2009 7:19:49 PM	Easygrants ID: 579
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Zito Media Communications II, LLC
Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 5
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Monroe Center, OH
Rural Classification of the Community: Rural
BIP - Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or



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The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Pierpoint, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of



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households or less.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 4
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Gould, OH
Rural Classification of the Community: Rural
BIP - Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.



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BTOP - Service Status: Underserved

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No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 5
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Eric, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Dorset, OH
Rural Classification of the Community: Rural
BIP - Service Status: Unserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.



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BTOP - Service Status: Unserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Sheffield Center, OH
Rural Classification of the Community: Rural
BIP - Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.



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Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 6
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: South Denmark, OH
Rural Classification of the Community: Rural
BIP - Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved



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BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 7
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

Middle Mile Span Name: Erie, PA - Denmark, OH - Erie, PA
Census Blocks in Middle Mile Span: See Supplemental Information 1 in the Upload section of the application for list of census blocks in the Middle Mile Span-the list of census blocks could not fit this input block.
Last Mile Service Area Name: Denmark
Community Name: Steamburg, OH
Rural Classification of the Community: Rural
BIP – Service Status: Underserved

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the census-designated community [or other area] have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the census designated community [or other area]; or
The rate of broadband subscribership for the census-designated community [or other area] is 40% of households or less.

BTOP - Service Status: Underserved



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Task: Submit Application - Infrastructure Programs	Applicant Name: Colin H Higgin

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
No more than 50% of the households in the proposed funded service area have access to facilities-based, terrestrial broadband service at greater than the minimum broadband transmission speed;
No fixed or mobile broadband service provider advertises broadband transmission speeds of at least 3 mbps downstream in the proposed funded service area;
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 3,407
Total Number of Households: 1,252
Total Number of Businesses: 98
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 18

N. Uploads

In order to improve system performance and help ensure that all applicants are able to complete their applications by the deadline, we have changed the way your application PDF is created. This PDF contains all of the information you entered throughout the Easygrants data entry screens. PDF copies of all documents that have been uploaded can be viewed and printed separately from the **Main page of the application after you submit**. These will continue to be available to you in read-only format after your application has been submitted.