08) Q30 Network Diagram

Mileage between elements <i>(5)</i> Fiber Optic facility (10GE) Fiber Optic facility (1GE)	Created by: Date: Modified by: Date:	Title: Northeastern Ohio and Northwestern Pennsylvania Fiber Ring Project Drawing #: Rev Rev Page: of	Zito Media Network Engineering

11) Q37 Management Team Resumes

James Rigas 105 East 3rd Street

105 East 3rd Street Coudersport, PA 16915 james.rigas@zitomedia.com

Office: 814-260-0117

Mobile:

Senior-Level Executive

Corporate Strategy, Development, and Implementation

Profile

Strong experience in telecom and cable television operations—oversight of hundreds of thousands of cable television customers and CLEC operations in more than fifty markets.

Start-up background—developed telecom company from complete start-up to more than \$30 million dollar per month of revenue; experience in planning, operations, engineering oversight, marketing, and sales of such an operation.

Technical expertise—high level background in rf systems, optics, ip networks, optical transport, high speed data systems for cable television, managed voice over internet protocol, and open source/linux systems.

Specialty in advanced telecom services in rural areas—experience and expertise in the special challenges of offering advanced telecom services in rural markets, both residential and commercial; particular focus in high speed internet and voice services to residential customers through fiber/coax networks and gigabit level connectivity to commercial and institutional customers through direct fiber optic connections.

Market experience in rural areas—familiar with business, health care, and educational needs in rural areas; familiarity with the offerings and pricing which is attractive to these organizations.

Outside plant and project management experience extensive experience in outside fiber optic/coaxial cable plant construction; experience includes thousands of miles of coaxial and fiber cable construction, including the reconstruction of over six hundred route miles of cable/fiber plant in the wake of Hurricane Andrew in a six month period.

Professional Experience

Zito Media, LP, Coudersport, PA

2005-Present

Cable television, data, and telecom company—provides residential and commercial service to communities in northern Pennsylvania

Co-President

Primarily responsible for set-up of new company including cable television service infrastructure, high speed data operations, digital television, video-on-demand, telephone service, plant upgrades, materials management, finance, and accounting. Responsible for selection of billing and customer service systems as well as for various OSS systems. Developed a localized customer service infrastructure for rural communities supplemented by centralized systems for off-hours and specialized needs; responsible for start-up of commercial services division which delivers a full range of telecom services

over a broadband fiber optic network throughout a five county area in north central Pennsylvania.

Alfred State University, Alfred, NY

College located in southern tier of New York state

Adjunct Professor

Taught financial analysis focused on assessing the desirability of technical projects to engineering students.

Jamestown Community College, Olean, NY

Community College branch located in southern tier of New York state

Adjunct Professor

Taught microeconomics and macroeconomics to community college students.

Adelphia Communications Corporation, Coudersport, PA

Fifth largest cable television MSO with substantial CLEC operations

Executive Vice President of Planning

Responsible for technical and business planning, including product development, various customer service strategies, fiber/coaxial upgrade strategies, IP backbone development, and CLEC formation and development.

Vice President of Operations

Responsible for operational management of over 600,000 cable customers in Pennsylvania, Virginia, and Florida. Operations included customer service, product roll-outs, upgrades, new construction, financial performance

Adelphia Business Solutions, Inc., Coudersport, PA

Nationwide competitive local exchange company

Chief Executive Officer

Responsible for overall development of this start-up operation including technical, operational, product development, and marketing and sales; company developed to a company with over \$30 million per month of revenue.

Bain and Company, San Francisco, CA

Management consulting company based in Boston with office throughout the world

Consultant

Managed a team of analysts focused in acquisition analysis, cost reduction, and strategic decisions for companies in a variety of industries including engineering, airlines, and building supplies.

Education

JD—Law, Stanford Law School, Stanford, CA MA—Economics, Stanford University, Stanford, CA AB—Economics, Harvard College, Cambridge, MA 2004

2003

1986-2001

1991-2001

1984-1986

STEVEN M. ZWERIN P.O. BOX 582 KANE, PENNSYLVANIA 16735 steve.zwerin@zitomedia.com

PROFESSIONAL EXPERIENCE:

Current : ZITO MEDIA COMMUNICATIONS Vice President of Business Development / Sales

www.zitomedia.com

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Direct responsibility for developing the Commercial Division of Zito Media, including fiber route planning, marketing, product development, sales and interdepartmental work flows.

2006-2007 LEVEL (3) COMMUNICATIONS / TELCOVE www.level3.com National Accounts Executive

Developing solution based network sales to corporations, institutions. Involved with multiple Health Care interconnections and the development of a rural region (North Western PA) for Longhaul and Metro Ring fiber deployment. Worked with regional governmental, economic and corporate leaders.

2004-2006 TECHNOLOGY CONSULTANT / SALES AGENT Western Pennsylvania

Independent Consultant to businesses, government and individuals in the areas of telecommunications, computers, networking and Internet in Western/Central Pennsylvania. Regional volunteer of technology services to city and county governments, perform successful sales efforts for telecommunication distributors and appointed Chairman in the development of a countywide Broadband Network Initiative for two Pennsylvania counties.

	a) Intermedia Communications
2000-2004 SHARED TECHNOLOGIES FAIRCHILD a division of:	b) MCI/WorldCom
Valley Forge, PA / Pittsburgh, PA	c) Allegiance Telecom
Senior National Accounts Executive	www.sharedtechnologies.net

Responsible for sales quota, generating new prospects, customer retention and increasing market share through direct sales of Switched Voice, VoIP, Video, Enterprise Data Networks & Application solutions. High use of skills for problem identification and providing multi-layer solution sets. Direct interfacing with CEO, CIO, CFO and Telecom decision makers was a constant. In addition, it was a priority to maintain accurate records and submit required reports on a timely basis. Major product sales involved NEC, Octel, Nortel Networks Meridian switch platform series,

1999-2000 WILLIAMS COMMUNICATIONS SOLUTIONS (a division of Williams Energy) Marlton, NJ / King of Prussia, PA www.williams.com Sr. Sales Executive / Business Consultant II www.williams.com

This position had identical responsibilities as Shared Technologies above. Extensive training (eight weeks) was completed at corporate headquarters in Houston, TX.

DAVID BERNARDI



SUMMARY OF QUALIFICATIONS:

- Technologist with 15+ years of engineering experience in Internet, data and telecommunications networking
- Leadership and mentoring skills in diverse and rapidly changing environments
- Focused on cost effective solutions
- Creative in resolving complex problems.
- Effective written and oral communication skills

RELEVANT WORK HISTORY AND SKILLS:

- 2008-present ZITO MEDIA Coudersport, PA.
- June 2008 Director. Data Networks
 - Network design and support

1999-2008 LEVEL(3) COMMUNICATIONS - Broomfield, CO.

June 2006 Senior Network Engineer

Performed various roles since the acquisition of Telcove, primarily focusing on IP Architecture, Engineering and Planning functions.

- Key role in integration of the Telcove IP/MPLS backbone into Level(3) network
- Subject matter expert for newly formed Metro Network Services department
- Identified and eliminated \$500k+ in network, circuit and collocation expenses due to consolidation

June 2004 TELCOVE - Coudersport, PA.

(Formerly Adelphia Business Solutions and subsequently acquired by Level3 Communications) Senior Director, Network Engineering

- Designed and enabled MPLS network for a new suite of Ethernet based services.
- Constructed and deployed open-source network management systems and tools
- Designed and tested QoS strategy for new business class VolP service
- Prepare technical detail for large RFP responses, ex., State of Florida

July 2002 ADELPHIA BUSINESS SOLUTIONS- Coudersport, PA. Director, Backbone Engineering

- Reported to Vice President of Corporate Engineering.
- Developed a \$5M regional IP backbone network including OSPF/BGP design, policies and operational guidelines
- Provided technical guidance to Product Development and Sales Engineering organizations

Sept. 2000 ADELPHIA COMMUNICATIONS CORP- Coudersport, PA. (Parent company of Adelphia Business Solutions) Director, Internet Design

- Reported directly to Vice President of Data Engineering
- Managed teams of engineers responsible for detailed design and deployment of a \$20M national IP backbone in support of 300,000 cable modem subscribers, completed on time and on budget

C. Christian (Chris) Keagle

247 Baker Creek Road Coudersport, PA 16915 Phone: 814-771-8277 email: <u>chris.keagle@zitomedia.com</u>

Professional Summary:

Seasoned senior manager experienced with working with all levels management. Project manager, analyst, and technical adviser experienced in handling any technical project. Proven ability to assess and improve organizational, product, and process performance. In-depth telephony knowledge and experience that includes both wire-line and VoIP technologies.

Employment History:

- Zito Media, Coudersport, PA Vice President of Operations May 2006 to Present
- VONAGE, Holmdel, NJ Director of LNP Oct 2004 to Apr 2006
- TelCove, Coudersport, PA Vice President of Network Operations Aug 1994 to Mar 2004
- Eastern TeleLogic Corporation, King of Prussia, PA Engineering and NOC operations Aug 1989 to Aug 1994
- ITT CSI (USTS), West Chester, PA NOC operations Mar 1988 to Aug 1989
- United States Air Force Tech Control and Circuit Activation's Oct 1983 to Mar 1988

Business management experience:

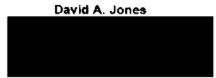
- Managed Multi-Million dollar budgets.
- Managed as many as 15 direct reports and over 200 indirect reports.
- Senior Leadership Team member involved with planning, development, and implementation of business plans.
- Product Development Team member charged with engineering/operations support and approval.
- Key advisor for network, infrastructure, and service agreement negotiations with vendors and service providers.
- Leader of quality initiatives within all operations groups utilizing TQM techniques to measure process and defects.
- Project management leader charged rolling out complex large scale networks and services.

Organizational management experience:

- <u>Network Operations Centers</u> Network monitoring and Tier II/III support.
- National Repair Centers Call Center, IT Help Desk, and Tier I/II customer support
- Service Delivery Groups Service Order and LNP administration, design, implementation, test, and acceptance.
- Capacity Management Groups Capacity planning and project management of all networks.
- Switch Access Group Access trunk order management and code administration.
- Project Management (Switch Deployment) Group Project management of class 5 switch office deployment.
- Field Operations Deployment, acceptance, and maintenance of DWDM network

Experience and Accomplishments:

- Deployed Zito's first endeavor into fiber based commercial services
- Launched Zito's VoIP platform for both residential commercial virtual PBX services (now supporting over 4000 lines)
- Directed deployments of Zito's CRM, Trouble Management, and Monitoring systems.
- Directed install and support of critical voice customers that include Hospitals and Medical/Mental Health clinics.
- Directed deployment of Zito's 300 mile 10gb ring diverse, fiber based Ethernet backbone.
- Key in growing Zito's residential voice monthly revenues to over \$45k and commercial monthly revenues to \$130k
- Directed process, procedure and systems changes to attain a one hour TTR on OOS trouble tickets.
- Directed policy, process and procedure changes to reach network availability of 99.999%.
- Directed departmental and process changes to support processing over 20,000 ports a month.
- Directed development efforts, process, and system changes to improve 35 day manual LNP process to an automated process that takes an average of 7 days.
- Project management many voice service conversions for national customer accounts, some as large as 100,000 lines.
- Directed process and procedure changes required to get install related troubles under 5% of monthly ticket volume.



Experience covers the design, sales, installation, and support of voice and data solutions. Well known for dependability and recognized as a sound technical resource for sales and operational support. Solid cross-functional team player. Able to communicate well within a highly matrixed environment

Core Competencies

High level technical pre/post sale, and operational support, and Project Management for Regional Carriers, Cable MSO's, Internet Service Providers. Voice [TDM and VoIP] BC/DR, as well as Data [Ethernet, Private Line, MPLS, VLAN, & Internet] Service design & Implementation.

Experience

Zito Media Communications September 2008 – Present • Service Delivery Manager

Level 3 Communications /TelCove /Adelphia Business Solutions/ Allegheny-Hyperion Communications: State College PA 1999 — 2008

- Sales Engineer II 2005 --- 2008
- Lead Network Technician 1999 2005

Chestnut Ridge Communication Services: Blairsville PA

Technician 1991-1998

Sales Engineering

Supported Seven Account Managers with a diverse client base

- Planned Coordinated, and Managed Customer Solution installations involving. Multi site – Multi Access / Hybrid Access provider voice and data networks concurrently for each assigned Account Manager.
- Qualified and quantified capital and network expenditure reports
- Ensured Gross Margins and ROI criteria were met or exceeded.
- Translated technical specifics for wider dissemination.
- Tailored RFI/RFP/RFQ responses to garner technical sales market share
- Built customer relationships to become the trusted business partner
- Consulted with clients technical staff and advised of implications of solutions choice.
- Met and exceeded quota's quarterly in support of sales objectives

Project Management:

Reviewed customer needs and produced viable solution design and equipment recommendations with associated preliminary cost models.

- Organized team meetings to provide weekly goals to "meet or beat" project deadlines and due dates
- Coordination of Inter- City Operations teams to ensure scope of work, timelines and budgetary metrics were met.
- Provided customer contact with scheduling information to ensure successful cutovers
- Delivered outstanding support to ensure continued customer satisfaction leading to repeat business



Professional Summary

Manager experienced working with employees as various positions. Former General Manager & Project Manager overseeing various projects.

Employment History

Zito Media, Coudersport, PA. – Manager of Engineering – Oct 2005 to present

- Adelphia, Olean, NY. Project Manager Nov 2004 to Oct 2005
- ~ Adelphia, Coudersport, PA. General Manager May 1992 to Nov 2004
- Adelphia, Coudersport, PA. Maintenance Tech May 1990 to May 1992

~ Coudersport TV Cable Co. Coudersport, PA. – Service Tech – July 1982 to May 1990

Business management experience:

- Responsible for budgeting & cost containment
- ~ Directly managed as many as 14 people
- ~ Responsible for system upgrades & rebuilds
- Oversee all aspects of operations to ensure complaiance with FCC, EEO &
- standards & policies

Experience & Accomplishments

- I bring 30+ years experience to the cable industry
- Responsible for various rebuild projects & extensions & keeping within budget
- Responsible for POP testing & performing CLI
- Delegated work to the appropriate individuals
- Effectively operated 2 cable systems with over 7000 customers
- Responsible for technical, fiscal, customer service, sales, programming,

marketing & other functions

Wyatt D. Parrish, Jr

The past 30 years in the telecommunications industry have provided me with various work experiences in Engineering, Design, and Construction Management.

Experience

- 12/05 12/08 Telcove / Level 3 Communications State College, PA Project Manager / OSP Engineer As the sole OSP person in the central PA area, I was responsible for all aspects of outside plant, including project estimating, field engineering, OSP construction and maintenance, permitting, pole and conduit licensing, managing contractors, creating and maintaining system records, UG cable locates.
- 1/05 12/05 Design Engineer at Henkels & McCoy Blue Bell, PA FTTP design work for Verizon
- 5/04 12/04 Parrish Communications Sub-contract cable-TV design services
- 8/94 4/04 RCN / C-Tec / Commonwealth Communications

 I started as a Project manager overseeing a cable system rebuild, my job later became Design Manager. Responsible for both RF and fiber design using LodeData and AutoCAD, field engineering, meetings with developers
- 8/93 8/94 President of Parrish Communications Inc. Field engineering services for various cable and contracting companies
- 5/86 7/93 Field Supervisor at Communications Construction Group West Chester, PA Strand Mapping, Make Ready, MDU surveys, Asbuilts, Locates, permits, drafting
- 6/84 5/86 Construction Inspector at Comcast Cable Flint, MI Asbuilts, inspecting contactors work, drafting, handling construction issues
- 6/78 4/84 Field Engineer at C.H.M.P. Inc. Flint, MI Strand Mapping, Make ready, Hwy & railroad permits, pole audits, asbuilts, drafting
- Education: graduated in 1978 from Swartz Creek High School in Swartz Creek, MI

References Available upon request

COLIN H. HIGGIN

106 Steerbrook Road Coudersport, PA 16915 colin.higgin@zitomedia.com

PROFESSIONAL EXPERIENCE

Zito Media, L.P., Coudersport, Pennsylvania

Multi-System Cable and Communications Company in Pennsylvania Executive Vice President and General Counsel (January 2004 – Present)

Responsible for all business and legal aspects of programming, franchise relations, Federal Communications Commission, copyright, trademark and other regulatory compliance, fiber and signal acquisitions, leasing and indefeasible rights of use, cable system acquisitions, partnerships, joint ventures and investments, equipment and real estate acquisitions, leasing and financing, software and other technology licensing, bank financing, product pricing, marketing and distribution, human resources administration, employment law compliance and litigation strategy and management of this cable and communications company that offers digital video, video on demand, internet data and voice services.

Johnson & Higgin, Los Angeles, California Law Firm Partner (September 2002 – January 2004)

Practice emphasizes general corporate, securities and transactional work, including mergers and acquisitions, dispositions, joint ventures, bank and real estate financing, leasing, real estate, corporate finance, restructurings, private and public debt and equity placements, public company reporting and Sarbanes-Oxley compliance.

Adelphia Communications Corporation Sixth Largest Cable Company in the United States Vice President of Corporate Development and Deputy General Counsel (November 1992 – July 2002)

Proskauer Rose Goetz & Mendelsohn Law Firm Associate (April 1991 - November 1992)

Latham & Watkins Law Firm Associate (October 1987 - April 1991)

EDUCATION

Indiana University School of Law Bloomington, Indiana J.D. 1987; Top 5% of class; Graduated Magna Cum Laude; Order of the Coif Indiana Law Journal

Wharton School, University of Pennsylvania Philadelphia, Pennsylvania B.S. Economics, 1983; Double major in finance and accounting Graduated Cum Laude

Attachment I SUBSCRIBER PROJECTION TABLE AND RATE PLANS VOICE SERVICES

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

SERVICE AREA NAME:

					-					
Census										
Community	Yea	Year 1 Year 2		ar 2	Year 3		Year 4		Year 5	
	Res	Bus	Res	Bus	Res	Bus	Res	Bus	Res	Bus

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



SERVICE AREA NAME:

Census Communit	y Ye	ar 1	Ye	ar 2	Yea	ar 3	Ye	ar 4	Ye	ar 5
	Res	Bus	Res	Bus	Res	Bus	Res	Bus	Res	Rus
Rates: Residential Service:										

Tates.		
Residential Service:		
Business Service:	 	
Other (Specify):		

SERVICE AREA NAME:

Census Community	Ye	ar 1	Yea	ar 2	Yea	ır 3	Yea	ar 4	Year 5	
	Res	Res Bus		Bus	Res	Bus	Res	Bus	Res	Bus



20) Q-49.Attachment J - Projects, Rates – Video

NOT APPLICABLE

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

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

Time Period	Quarter	List All Relevant Milestones	Support for Reasonableness/Data Points
Year 0	-	•	•
Year 1	Qtr. 1	 Finalize regional ring routes Negotiate pole attachment agreements with any utilities where Zito does not have existing agreements Complete detailed mapping of 50% of regional ring Complete pole profiles for 50% of regional ring Submit pole applications for 50% of regional ring Complete coaxial design strategy for Thompson, OH system Order equipment for coaxial upgrade in Thompson, OH system Select contractor for coaxial upgrades 	 Internal staff will finalize routes Established relationships with contractors who will handle detailed mapping and pole profiles Internal staff will handle pole applications Zito has numerous pole attachment agreements; in cases where Zito requires an additional agreement, Zito has internal legal staff who can handle this Zito has staff experienced in rural cable system coaxial upgrades
	Qtr. 2	1. Complete any necessary utility rideouts on 25%	1. Same comments as above

	of regional ring	2. Zito has a number of internal employees with
	2. Receive make-ready quotes for 25% of regional	experience riding out make-ready jobs with
	ring; pay utilities to do this make-ready	utilities
	3. Complete detailed mapping of regional ring	3. Zito has identified and plans to hire several
	4. Complete pole profiles for regional ring	additional employees to handle the volume of
	5. Complete pole applications for remaining 50%	work created by this project.
	of regional ring	
	6. Finalize routes for seven local markets	
	7. Begin and complete coaxial upgrade in	
	Thompson, OH systems	
	8. Complete coaxial upgrade stategy for Denmark	
	and Rock Creek, OH systems	
Qtr. 3	1. Complete any necessary utility rideouts on next	1. Same comments as above
	50% of regional ring	
	2. Receive make-ready quotes for 50% of regional	
	ring; pay utilities to do this make-ready	
	3. Work with utilities to verify that they complete	
	make-ready on 25% of regional ring	
	4. Order materials for 25% of regional ring	
	5. Finalize routes for seven additional local markets	
	6. Complete detailed mapping of seven local	
	markets identified last quarter	
	7. Complete pole profiles for seven local markets	
	identified last quarter	
	8. Submit pole applications for all seven local	
	markets identified last quarter	
	9. Begin and complete coaxial upgrade in Denmark	
	and Rock Creek, OH	
Qtr. 4	1. Complete all necessary utility rideouts on	1. Same comments as above
	regional ring	2. Zito has established relationships with
	2. Receive make-ready quotes on remaining 25% of	contractors who can supply the required number
	regional ring; pay utilities to do this make-ready	of crews to complete this work.
	3. Construct 25% of regional ring	2. Zito estimates that each 3-4 man crew can
	4. Work with utilities to verify that they complete	construct about 1.5 route miles of fiber per week.
	the second 25% of regional ring	3. Zito has internal staff experienced in fiber
	5. Order materials for second 25% of regional ring	construction quality control.
	6. Complete mapping and pole profiles for local	4. Zito has internal staff experienced in fiber
	routes identified last quarter	optic splicing and documentation
	7. Submit pole applications for seven local markets	_

		identified last quarter	
		8. Complete utility rideouts in seven local markets	
		9. Install CMTS in Rock Creek, OH system and	
		launch high speed internet and voice service in the	
		•	
	Qtr. 1	Rock Creek, Thompson and Denmark, OH systems	1. Como commento os shovo
	Qu. 1	1. Work with utilities to verify that the third 25% of	1. Same comments as above
		make-ready on the regional ring is completed	
		2. Construct 25% of regional ring	
		3. Order materials for third 25% of regional ring	
Year 2		4. Receive make-ready quotes on all local markets;	
		pay utilities to do this work	
		5. Identify hub locations in seven markets	
	Qtr. 2	1. Work with utilities to verify that the fourth 25%	1. Same comments as above
		of make-ready on the regional ring is completed	2. Zito has experienced network engineers on
		2. Construct 25% of regional ring	staff
		3. Order materials for the remainder of the regional	3. Design is very similar to that of Pennsylvania
		ring	rings
		4. Receive make-ready quotes for seven local	4. Zito has existing internet transit agreements
		markets; pay utilities to do this work	and has internal staff experienced in negotiating
		5. Verify that utilities have done make-ready work	these agreements
		in first seven local markets	
		6. Identify remaining hub locations	
		7. Finalize equipment design for regional ring and	
		order equipment	
		8. Negotiate with internet transit providers for an	
		additional transit connection	
	Qtr. 3	1. Complete construction of regional ring	1. Same comments as above
		2. Receive make-ready quotes for remaining local	2. Zito has internal staff experienced in the
		markets; pay utilities to do this work	installation and testing of routers and switches
		2. Verify that utilities have done make-ready work	
		in the next 14 local markets	
		4. Order materials for all local markets	
		5. Begin installation of hub electronics	
		6. Place order for internet transit connections	
	Qtr. 4	1. Complete construction of regional ring	1. Same comments as above
		2. Verify that utilities have all make-ready done in	
		local markets	
		3. Begin and complete construction in local	

		markets4. Complete installation of hub equipment5. Complete testing of hub equipment	
		6. Install internet transit connection7. Test internet transit connection	
	Qtr. 1		•
	Qtr. 2	•	•
Year 3	Qtr. 3	•	•
	Qtr. 4	•	•

The primary risk in this project involves making space on the utility poles to place the new fiber optic cables. There are a number of steps in this process, and the utilities, if not handled properly, can potentially be very slow during any one of these steps. Zito has many years of experience working with a variety of utilities on this process. Zito feels it is well qualified to handle this process and feels that this risk can be minimized through ongoing tracking of each project segment and diligently pushing the utilities to finish their work in a timely way.

ATTACHMENT E (CONTINUED) – BUILD-OUT TIMELINE

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

Service Area A	Entire P	Project												-				-			
			YE	EAR 1			YE	CAR 2			YI	EAR 3			YI	EAR 4			Y	EAR 5	
	YEAR	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.
	0	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Infrastructure Funds																					L
Infrastructure Funds Advanced																					
(estimate)		0.2	0.7	1.3	0.85	0.85	0.85	0.85	0.7												 ا
Percentage of Total Funds		4%	10%	20%	13%	13%	13%	13%	12%												
Entities Passed & %																					
Households	135,878																				
Percentage of Total Households																					
Businesses	5,276																				
Percentage of Total Businesses																					
Strategic Institutions (Comm. Anchor, Public Safety, etc)	146																				
Percentage of Total Institutions																					

Service Area B	Thomps	s <mark>on, O</mark> F	A																		
			YEAR 1				YEAR 2			YEAR 3					YJ	EAR 4		YEAR 5			
	YEAR	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.
	0		2	3	4	1	2	3	4	1	2	3	4		2	3	4	1	2	3	4
Infrastructure Funds																					
Infrastructure Funds Advanced		(1	,	,					1	1			('	1		1				1
(estimate)	<u> </u>	0.16	0.06	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	1										
Percentage of Total Funds	<u> </u>	2 60%	1 00%	<u> </u>	'	<u> </u>	<u> </u>		'	' ا	1										
Entities Passed & %																					
Households			3251	<u> </u>	<u> </u>											<u> </u>					

Percentage of Total Households		61 %									
Businesses											
Percentage of Total Businesses											
Strategic Institutions (Comm. Anchor, Public Safety, etc)											
Percentage of Total Institutions											

Service Area C	Rock C	reek, O	H																		
			YI	EAR 1			YE	CAR 2			YF	EAR 3			YI	EAR 4			Y	EAR 5	
	YEAR	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.
	0	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Infrastructure Funds																					
Infrastructure Funds Advanced (estimate)			0.06	0.04																	ſ
Percentage of Total Funds			1.0%	0.6%																	
Entities Passed & %																					
Households				1077																	
Percentage of Total Households				20 %																	
Businesses																					
Percentage of Total Businesses																					
Strategic Institutions (Comm. Anchor, Public Safety, etc)																					
Percentage of Total Institutions																					

Service Area D	Demma	rk, OH	[
			YE	EAR 1			YE	CAR 2			YE	EAR 3			YI	EAR 4			Y	EAR 5	
	YEAR 0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3													
Infrastructure Funds																					
Infrastructure Funds Advanced (estimate)			0.06	0.04																	
Percentage of Total Funds			1.0%	0.6%																	
Entities Passed & %																					
Households				1014																	
Percentage of Total Households				19 %																	
Businesses																					
Percentage of Total Businesses																					
Strategic Institutions (Comm. Anchor, Public Safety, etc)																					
Percentage of Total Institutions																					

Service Area E	Regiona	al Ring	and lo	cal com	mercia	al rings															·
			YI	EAR 1			YF	CAR 2			YE	EAR 3			YI	EAR 4			Y	EAR 5	
	YEAR 0	Qtr.	Qtr.	Qtr.	Qtr. 4	Qtr.	Qtr.	Qtr.	Qtr. 4	Qtr.	Qtr.	Qtr.	Qtr.	Qtr.	Qtr. 2	Qtr. 3	Qtr.	Qtr.	Qtr. 2	Qtr. 3	Qtr.
Infrastructure Funds	U	1	2	5		1	2	5		1	2	5		1	2	5		1	2	5	
Infrastructure Funds Advanced (estimate)		0.1	0.5	1.15	0.8	0.8	0.8	0.8	0.77												
Percentage of Total Funds																					
Entities Passed & %																					
Households	130,536																				
Percentage of Total Households																					
Businesses									5130												
Percentage of Total Businesses									100%												
Strategic Institutions (Comm. Anchor, Public Safety, etc)									146												
Percentage of Total Institutions									100%												

Business and strategic institutions will be served by fiber once the ring is completed; this commercial and regional ring and data is under the above Service Area E table.
 * All amounts in the above table are in millions of dollars.

$\mbox{ATTACHMENT } \mathbf{C} - \mathbf{COMPETITOR TABLE} - \mathbf{LAST MILE}$

Existing Last Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing last mile providers' broadband service offerings being advertised in <u>each proposed funded service area</u> (BIP applicants should complete this table for each census designated community within the proposed funded service area). For each competitor, explain the following: a) technology; b) service tiers; c) advertised speeds for residential and business; d) pricing. Include any other comments to explain your findings, if necessary.

	<applicant service<="" th=""><th>Area Name></th><th></th><th></th><th></th><th></th><th></th><th></th></applicant>	Area Name>						
	Last Mile	Technology		Advert Residential		Adver Business		Other Comments
Service Area	Services Provider	Platform	Service Tier	Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
			Entry Level Plan					
	Provider A		Highest Speed Plan					
Service Area 1/ Census			Other Plans (e.g., Mid-Tier Plan)					
community 1			Entry Level Plan					
e e e e e e e e e e e e e e e e e e e	Provider B		Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
			Entry Level Plan					
	Provider A		Highest Speed Plan					
Service Area 2/			Other Plans (e.g., Mid-Tier Plan)					
Census			Entry Level Plan					
community 2	Duovidou D		Highest Speed Plan					
	Provider B		Other Plans (e.g., Mid-Tier Plan)					

ATTACHMENT C – COMPETITOR TABLE – MIDDLE MILE

Existing <u>Middle Mile</u> **Broadband Service Providers and Services Offered:** Please complete a table describing the competing middle mile providers' broadband service offerings being advertised in the last mile service areas associated with the proposed middle mile project. **For BIP**, please provide this information for each census designated community within each last mile service area. For each competitor, explain the following: a) technology; b) service tiers; c) point-to-point of the competitor's service offering; d) speed; and e) pricing. Include any other comments to explain your findings if necessary.

	Thompson, OH						
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
		DSL	Entry Level Plan	Non-symmetrical internet access	3 Megabits	\$299/month	
	Windstream	DSL	Highest Speed Plan	Non-symmetrical internet access	5 Megabits	\$800/month	
Thompson, OH		DSL	Other Plans (e.g., Mid- Tier Plan)	Non-symmetrical internet access	10 Megabits	\$1,100/month	
_			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Hambden, OH			Other Plans (e.g., Mid- Tier Plan)				
Hambuen, OH			Entry Level Plan				
	Provider B		Highest Speed Plan				
	TTOVIACI D		Other Plans (e.g., Mid- Tier Plan)				
	Thompson, OH				· · · · · ·		·
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
Claridon, OH	Windstream		Entry Level Plan	No business services offered		\$	
,			Highest Speed Plan				

			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan Other Plans (e.g., Mid-				
			Tier Plan) Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan	onered			
East Claridon,			Other Plans (e.g., Mid- Tier Plan)				
ОН			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Thompson, OH		·	·	·		- ·
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Huntsburg, OH			Other Plans (e.g., Mid- Tier Plan)				
0,			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Montville, OH			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan				
	I TOYNUL D		Other Plans (e.g., Mid- Tier Plan)				
	Thompson, OH	•	•	•	·		·

Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Hartsgrove, OH			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Rome, OH			Other Plans (e.g., Mid- Tier Plan)				
Rome, OII			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Thompson, OH						
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Footville, OH			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
Trumbull, OH	Windstream		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				

			Entry Level Plan				
	Duration D		Highest Speed Plan				
	Provider B		Other Plans (e.g., Mid- Tier Plan)				
	Thompson, OH	·		·	·		
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
East Trumbull,			Other Plans (e.g., Mid- Tier Plan)				
ОН			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Cork, OH			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
Calm, OH	Windstream		Entry Level Plan	No business services offered			
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Rock Creek, OH	[
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
Book Creak OII	Windotessee	DSL	Entry Level Plan	Non-symmetrical internet access	3 Megabits	\$299/month	
Rock Creek, OH	Windstream	DSL	Highest Speed Plan	Non-symmetrical internet access	5 Megabits	\$800/month	

		DSL	Other Plans (e.g., Mid- Tier Plan)	Non-symmetrical internet access	10 Megabits	\$1,100/month	
			Entry Level Plan Highest Speed Plan				
	Provider B		Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Roaming			Other Plans (e.g., Mid- Tier Plan)				
Shores, OH			Entry Level Plan				
	Provider B		Highest Speed Plan				
	TTOVIACI D		Other Plans (e.g., Mid- Tier Plan)				
	Rock Creek, OF	I	·	·	·		·
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
New Lyme, OH			Other Plans (e.g., Mid- Tier Plan)				
• •			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Dodgeville, OH			Other Plans (e.g., Mid- Tier Plan)				
2 3 uge ; me, 011			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid-				
			Tier Plan)				

Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
South New Lyme, OH			Other Plans (e.g., Mid- Tier Plan)				
Lyme, On			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Foglosville OU			Other Plans (e.g., Mid- Tier Plan)				
Eaglesville, OH			Entry Level Plan				
	D		Highest Speed Plan				
	Provider B		Other Plans (e.g., Mid- Tier Plan)				
	Rock Creek, OH				1 1		
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	Non-symmetrical internet access	3 Megabits	\$299/month	
	Windstream		Highest Speed Plan	Non-symmetrical internet access	5 Megabits	\$800/month	
Austinbug, OH			Other Plans (e.g., Mid- Tier Plan)	Non-symmetrical internet access	10 Megabits	\$1,100/month	
			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
Turkey Foot Corner, OH	Windstream		Entry Level Plan	No business services offered			
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				

Rays Center, OH	Windstream		Entry Level Plan	No business services offered			
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Lenox, OH			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan				
	Provider B		Highest Speed Plan				
	Provider B		Other Plans (e.g., Mid- Tier Plan)				
	Denmark, OH						
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
	Windstream		Entry Level Plan	No business services offered			
			Highest Speed Plan				
Denmark	Provider B		Other Plans (e.g., Mid- Tier Plan)				
Center, OH			Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Gageville, OH			Other Plans (e.g., Mid- Tier Plan)				
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Denmark, OH	·					
Service Area	Middle Mile Services	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network	Pricing	Other Comments

	Provider				Bandwidth		
					Capacity		
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Kelloggsville, OH			Other Plans (e.g., Mid- Tier Plan) Entry Level Plan				
			Highest Speed Plan				
	Provider B		Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Bushnell, OH			Other Plans (e.g., Mid- Tier Plan)				
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Denmark, OH						
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Monroe Center,			Other Plans (e.g., Mid- Tier Plan)				
ОН			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
			Entry Level Plan	No business services offered			
Pierpont, OH	Windstream		Highest Speed Plan				
r terpont, OH			Other Plans (e.g., Mid- Tier Plan)				
	Provider B		Entry Level Plan				

			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Denmark, OH						
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
			Entry Level Plan	No business services offered			
	Windstream		Highest Speed Plan				
Gould, OH			Other Plans (e.g., Mid- Tier Plan)				
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				
	Windstream		Entry Level Plan	No business services offered			
			Highest Speed Plan				
Dorset, OH			Other Plans (e.g., Mid- Tier Plan)				
D0150, 011			Entry Level Plan				
	Provider B		Highest Speed Plan				
			Other Plans (e.g., Mid- Tier Plan)				

Based on telephone survey of telephone companies' business service offerings.

ASSURANCES - CONSTRUCTION PROGRAMS

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

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

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

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

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
- 4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
- 5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
- 6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- 7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.

- Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
- 9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
- 10. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11.	Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally- assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.		National Environmental Policy Act of 1969 (P.L. 91- 190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in flood plains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. 1451 et seq.); (f) conformity of Federal actions to State (Clean Air)
 12.	Will comply with the provisions of the Hatch Act (5 U.S.C. 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.		Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act
13.	Will comply, as applicable, with the provision of the Davis-Bacon Act (40 U.S.C. 276a to 276a-7), the Copeland Act (40 U.S.C. 276c and 18 U.S.C.874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333) regarding labor standards of federally assisted construction subagreements.	16.	of 1973, as amended (P.L. 93-205). Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
14.	Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.	17.	Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
15.	Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the	18.	Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A- 133, "Audits of States, Local Governments, and Non- Profit Organizations."
		19.	Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE President
APPLICANT ORGANIZATION Zito Media Communications II, LLC	DATE SUBMITTED 8/13 /04 SE 414D (Box 7.97) Book

FORM CD-611 (REV 1-05)

CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying." in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into.

Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996. Statement for Loan Guarantees and Loan Insurance The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

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

NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
Zito Media Communications II, LLC	AWARD NUMBER AND/OR PROJECT NAME Northeastern Ohio and Northwestern Pennsylvania Fiber Ring Project
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Jones Praces President	
SIGNATURE	DATE
James Apon	8/12/04

FORM CD-512 (REV 12-04)

CERTIFICATION REGARDING LOBBYING LOWER TIER COVERED TRANSACTIONS

U.S. DEPARTMENT OF COMMERCE

Applicants should review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying."

LOBBYING As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

Statement for Loan Guarantees and Loan Insurance The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

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

AWARD NUMBER AND/OR PROJECT NAME
8/13/09 DATE

Certification Requirements for BTOP

U.S. Department of Commerce Broadband Technology Opportunities Program

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

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

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

8/13/04 (Date)

(Authorized Representative's Signature)

James Rigas Name: President

Title:

Approved by OMB 0348-0046

Disclosure of Lobbying Activities Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

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 Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance 	2. Status of Fed a. bid/off <u>a</u> b. initial c. post-a	fer/application award	3. Report Type: a. initial filing ab. material change For material change only: Year quarter Date of last report		
4. Name and Address of Reporting E <u>x</u> Prime <u>Subawardee</u> Tier, if Zito Media Communications 106 Steer Brook Road Coudersport, PA 16915	Known:		g Entity in No. 4 is Subawardee, and Address of Prime:		
Congressional District, <i>if known</i> : - 6. Federal Department/Agency: NTIA/RUS 8. Federal Action Number, <i>if known</i> :		Congressional District, if known: 7. Federal Program Name/Description: Broadband Initiatives Program and Broadband Technology Opportunities Program CFDA Number, if applicable: <u>11.557</u> 9. Award Amount, if known: \$			
10. a. Name and Address of Lobbying (if individual, last name, first nam	e, MI):	b. Individuals different from Na (last name, fir			
11. Information requested through this for title 31 U.S.C. section 1352. This disclosur activities is a material representation of fac- reliance was placed by the tier above when was made or entered into. This disclosure is pursuant to 31 U.S.C. 1352. This informati- to the Congress semi-annually and will be inspection. Any person who fails to file the disclosure shall be subject to a civil penalty \$10,000 and not more than \$100,000 for ea	e of lobbying ct upon which this transaction is required on will be reported available for public required y of not less than	Title: <u>Prosi</u> ch	James Rigas to 814-260-0117 Date: 8/13/09		
Federal Use Only		Authorized for L Standard Form -	ocal Reproduction LLL (Rev. 7-97)		