



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Table of Contents

- A. General Application Information
- B. Executive Summary, Project Purpose, and Benefits
- C. Partners
- D. Congressional Districts
- E. Service Area Details
- F. Community Anchor Summary
- G. Project Benefits
- H. Technology
- I. Project Budget
- J. Historical Financials
- K. Project Readiness
- L. Environmental Questionnaire
- M. Uploads



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A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	003582546
CCR # (CAGE)	4A6T8
Legal Business Name	INFORMATION TECHNOLOGY, DEPT OF
Point of Contact (POC)	FRANK ARUTE 8606222211 Ext. FRANK.ARUTE@CT.GOV
Alternate POC	JOSEPH DOMINELLO 8606222325 Ext. JOSEPH.DOMINELLO@CT.GOV
Electronic Business POC	FRANK ARUTE 8606222211 Ext. FRANK.ARUTE@CT.GOV
Alternate Electronic Business POC	JOSEPH DOMINELLO 8606222325 Ext. JOSEPH.DOMINELLO@CT.GOV

Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	Mr.
First Name	Michael
Middle Name	W
Last Name	Krochmalny
Suffix	Esq.
Telephone Number	860-622-2493



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Fax Number	
Email	michael.krochmalny@ct.gov
Title	Information Systems Administrator

Additional Contact Information of Person to be Contacted on Matters Involving this Application:

Project Role	Name	Phone	Email
Secondary Point of Contact	Mr. Frank , Arute	8606222211	frank.arute@ct.gov

Environmental Point of Contact

Prefix: Mr. Name: Werner, Gerald Suffix: Telephone Number: 8606222015 Title: PSDN Project Manager

Organization Classification

Type of Organization	State or State Agency
Is the organization a small business?	No
Does the organization meet the definition of a socially and economically disadvantaged small business concern?	No

Authorized Organizational Representative

AOR Name	ARUTE, FRANK
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Result	Applicant Authorized
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Project Title and Project Description

Project Title: Access Connecticut: Expanding the State’s Education and Public Safety Network

Project Description: This proposal's projects will expand the State's investment in both educational and public safety communications technology by serving additional schools, community anchor institutions, public media and public safety sites. This project adds additional broadband capacity that will be available to other providers to enhance the accessibility of high quality services throughout Connecticut.

CCI Priority Checklist

The following items were selected from the CCI Priority Checklist:

1. This project will deploy Middle Mile broadband infrastructure to community anchor institutions.
2. The project will deploy Middle Mile broadband infrastructure and has incorporated a public-private partnership among government, non-profit and for-profits entities, and other key community stakeholders.
3. This project will deploy Middle Mile broadband infrastructure in economically distressed areas.
4. This project will deploy Middle Mile broadband infrastructure to community colleges.
5. This project will deploy Middle Mile broadband infrastructure to public safety entities.

Comprehensive Community Infrastructure Components

The following items were selected from the Comprehensive Community Infrastructure Components:

Middle Mile

BIP Applicants

Have you also applied to BIP for funding in the sample proposed funded service area?



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➤ No

If Yes, please provide the project title and Easygrants ID number:

Title of Joint BIP Application:

Easygrants ID:

Other Applications

Is this application being submitted in coordination with any other application being submitted during this round of funding?

➤ No

Easygrants ID	Project Title

If YES, please explain any synergies and/or dependencies between this project and any other applications.

Individual Background Screening

Is the Applicant exempt from the Department of Commerce requirements regarding individual background screening in connection with any award resulting from this Application?

➤ Yes, Applicant is exempt because it is a unit of a state or local government

If the answer to the above question is "No," please identify each key individual associated with the Applicant who would be required to complete Form CD-346, "Applicant for Funding Assistance," in connection with any award resulting from this Application:

Name	Title	Employer

B. Executive Summary, Project Purpose and Benefits



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Essay Question

Executive Summary of the proposed project:

The State of Connecticut Department of Information Technology is providing leadership to, and partnering with, Connecticut state agencies and initiatives, including the Department of Public Safety, the Connecticut Education Network, and Connecticut Public Broadcasting, Inc. (CPBI) to enhance broadband access to the residents of the state of Connecticut. This proposal seeks funding to serve all of Connecticut's 3.4 million residents, while providing necessary infrastructure to underserved communities. This proposal includes:

- The preservation and creation of jobs and investment in infrastructure that will provide long-term economic benefits
- Spurring technological advances in education, health and public safety
- Stabilizing state and local government budgets by leveraging coordinated management and procurement efforts
- Providing improved access to broadband service to consumers residing in underserved areas of the state
- Providing broadband access, education, awareness, training, equipment, and support to community anchor institutions, to include improved access by public safety agencies- Expanding current data networks in existing areas and creating capacity to allow for the immediate provision of services by third party providers in areas currently underserved
- Stimulating demand and enabling access for broadband and, economic growth and job creation
- Enhancing the reliability of existing broadband infrastructure
- Enabling the expanded network to connect with neighboring states to support future interstate collaboration

In all, the project will provide broadband access to community anchor institutions including 645 points of education and public safety while laying the foundation for potential future access at all the State's households, although public subscribers are not applicable to this application. This effort is will create jobs as a direct result and will provide many who use the broadband services at schools and libraries the opportunity to obtain better jobs through education.

Key Participants

Connecticut Department of Information Technology (DOIT)

The mission of the Department of Information Technology is to provide quality information technology (IT) services and solutions to customers, effectively aligning business and technology



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objectives through collaboration, in order to provide the most cost-effective solutions that facilitate and improve the conduct of business for our state residents, businesses, visitors and government entities.

Connecticut Department of Public Safety (DPS)

The Connecticut Department of Public Safety is committed to protecting and improving the quality of life for all by providing enforcement, regulatory and scientific services through prevention, education and innovative use of technology.

Connecticut Education Network (CEN)

The Connecticut Education Network (CEN) connects the state's public K-12 school districts, colleges and universities, and many public libraries via a fiber optic backbone dedicated for education, research and public computing center use. The CEN provides access to the Internet, Internet2, iCONN - Connecticut's re-search engine, programming from Connecticut Public Television, and other resources targeted to students, teachers, researchers, administrators and library patrons in Connecticut.

The Projects

Connecticut Public Safety Services Data Network (CPSSDN)

Points of Int. 547

No. of Counties 8

Hsehd. 1,293,079

Poten. Jobs Created 814

Total Cost \$74,979,014

In 2005, the Connecticut General Assembly passed and Governor Rell signed into law Public Act 05-181 which enabled the Office of Statewide Emergency Telecommunications (OSET) to initiate a planning process for the investigation and requirements determination of an integrated safety data network. Surveys of current systems and needs led to the initiation of a feasibility study in 2006. The study included recommendations for network infrastructure solutions that would establish a new, integrated public safety data network, saving affected agencies substantial sustainable costs.

Additionally, the study noted that the stand-alone legacy network infrastructure systems that Connecticut public safety agencies utilize minimally met the bandwidth requirements for current use and were grossly inadequate for near or long term projected future data transmission requirements. Also, the data network utilized by the Enhanced 911 system did not have the necessary universal data connectivity to provide for next generation 911 functionality. Numerous public safety first responders and providers including police departments, fire departments,



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emergency management/homeland security and others did not have any data connectivity to receive or transmit critical data for emergency services. PSAP disaster recovery and business continuity needed to be improved.

Due to funding constraints, the project was divided into two phases. Phase 1 establishes the base fiber optic network topology and inter-connecting the existing 107 PSAPs, the Department of Public Safety building in Middletown and the DOIT data center. To that end, Phase 1 of the CPSSDN project is planned to be initiated in FY2010 and is scheduled for completion in FY2011. Phase 1 utilizes a fiber footprint that includes approximately 2000 miles of existing fiber installation as well as approximately 240 miles of newly constructed fiber pathways in a 6 interconnecting ring topology with DWDM technologies.

Phase 2 of the CPSSDN, seeks to implement additional coverage and capacity of the CPSSDN, expanding coverage to an additional 411 public safety related locations so as to realize the anticipated cost savings, connectivity requirements and efficiency improvements. As with Phase 1, all connectivity will be accomplished via dedicated fiber optic cabling to the planned locations utilizing appropriate fiber optic transceivers. Topology will be a mixture of both hub and spoke as well as subtending rings. Each of these spokes or rings will connect to one of the 111 existing Phase 1 locations. Completion of Phase 2 will greatly enhance agency interoperability capabilities, data sharing and overall communications while improving constituent services and safety.

Connecticut Education Network (CEN)

Points of Int. 120

No. of Counties 8

Hshld. 1,293,079

Poten. Jobs Created 374

Total Cost \$34,457,541

The purpose of the CEN project is to provide improved access to broadband Internet connectivity, including network equipment and user support, to Connecticut's K-12 school districts, colleges and universities, and public libraries. These proposed sites do not directly connect to the existing CEN fiber backbone and face two major limitations: limited bandwidth capacity and lack of fiber redundancy.

This project aims to deliver 100 megabits per second service to the community anchor institutions in Connecticut that currently lack this level of connectivity as well the redundancy necessary to ensure uninterrupted broadband access, including Connecticut's K-12 school districts, colleges and universities, public libraries and public computing centers. In addition, a partnership with Connecticut Public Television will provide significant advantages of lowering



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operating costs and providing higher, more stable bandwidth than is currently available to provide health, education and other information to a wide audience, including the very young and aged. The project would extend 675 miles of new fiber optics, install the necessary hardware to support the 100 Mbps service, including three new hub routers and offer user support to all Connecticut Education Network members via the Connecticut State Department of Information Technology's Help Desk and 24/7 Network Operations Center.

Connecticut Department of Information Technology POP2 Installation

Points of Int. 1

No. of Counties 8

Hshld. 1,293,079

Poten. Jobs Created 3

Total Cost \$313,896

The purpose of this aspect is to reduce potential risk to public safety, health and economic impacts caused by a network outage. A second location (point-of presence) for all of the State's identified critical data circuits will be created to provide network resiliency in the event of failure in the private carrier networks or catastrophic loss of the State's Data Center at the Department of Information Technology in East Hartford, CT.

ty, Department of Motor Vehicles, Department of Public Health, and others.

Project purpose:

Connecticut Public Safety Services Data Network (CPSSDN)

Problem: The current network infrastructure connecting Connecticut public safety agencies does not meet minimum requirements for broadband service. Additionally, the Enhanced 911 system does not have the necessary universal data connectivity to allow next generation functionality. Finally, DPS sees ongoing issues with disaster recovery and business continuity in relation to broadband. All of these issues have been raised as a result of system surveys and a feasibility study concluded that a new, integrated data network be constructed to allow for additional connectivity between first responder sites across the state. Due to state budget constraints, the implementation of this network has been broken into two phases, with Phase 1 (over 2,200 miles of constructed and existing fiber) scheduled to be completed in 2010. With Phase 2 left unscheduled to date due to a lack of funding, 411 first responder sites remain unconnected to the CPSSDN and are relying on outdated and insufficient connections, and in some cases no connectivity at all, to support safety-critical operations. Solution: By implementing phase 2, sought as part of this application, the remaining 411 sites would be connected as part of the CPSSDN. By leveraging and utilizing many of the existing components and fiber of the Phase 1



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CPSSDN core backbone, Phase 2 will provide needed connectivity at a much lower cost than would otherwise be obtainable. Additionally, by implementing Phase 2 of the CPSSDN, broadband connectivity will be increased substantially and will provide service access to over 25,000 police officers, firefighters and supporting staff members. This project has the ability to be replicated in other jurisdictions where similar connectivity is limited.

Funding for the CPSSDN will directly impact the statutory purposes of improving access to, and use of, broadband service by public safety agencies, stimulating the demand for broadband, economic growth, and job creation.

Connecticut Education Network (CEN)

Problem: Those sites that are not directly connected to CEN's fiber face two major limitations: limited bandwidth capacity and lack of fiber redundancy. First, those sites that do not connect directly to CEN's fiber do not have the capacity to scale beyond 10 mbps for uploading and downloading information. These include approximately 60 K-12 school districts and several higher education institutions. Additionally, the public libraries in these communities are limited to frame relay and DSL-based connections, currently providing them with upload speeds of 384k to 1 Mbps and download speeds of 1.5 Mbps to 6 Mbps. With increasing high-bandwidth applications to improve and enhance teaching, learning, and research those without a direct fiber connection, remain disconnected from pedagogically sound 21st century learning activities. Secondly, those sites not directly connected to CEN's backbone lack fiber redundancy. In the instance of hardware failure or a severed connection, these schools and libraries would experience immediate outages until the repairs were complete – a major threat to the learning process.

Solution: Expansion of CEN's fiber optic footprint would bring 100 Mbps handoffs into communities that previously lacked it. Through the expansion of the leased fiber, every connected school, higher education campus, and library in the state would be able to gain effectively infinite scalability. As bandwidth consumption increases, the fiber optics would enable future bandwidth increases through end device hardware upgrades.

In addition to increased bandwidth and improved scalability, each site would obtain the redundancy needed to ensure stable, uninterrupted broadband access. Furthermore, the State Department of Information Technology would offer these newly connected sites user support via its Help Desk and dedicated team of Network Analysts. These improvements would positively impact the more than 88,000 students, 5,800 teachers, more than 350,000 registered library patrons, and more than 490,000 registered library computer users in these largely rural regions of Connecticut.



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Expansion of the Connecticut Education Network into all of the state’s communities would provide the opportunity for equity of access to all Connecticut students, teachers, administrators, and library users. The expansion would directly address the issue of the digital divide that still plagues rural and lower socio-economic areas within Connecticut.

Funding for the CEN will directly impact the statutory purposes of providing broadband education, awareness, training, access, equipment and support to public institutions; and stimulating the demand for broadband, economic growth, and job creation.

CEN's partnership with Connecticut Public Television enables the only publicly-owned media company in the state to offer more robust, and more stable, services to many Connecticut communities where at-risk populations, like the very young and very old, obtain important educational and health information benefits through a commercial-free medium.

DOIT POP2 Installation

Problem: DOIT provides network access and IT service for all state government, including critical agencies such as the Public Safety, Emergency Management & Homeland Security and Public Health, among others. Currently, all of these agencies and branches are served with only a single Point of Presence (POP). If critical issues occur with the DOIT’s service provider or facility, the entire network would be lost.

Solution: By creating an alternate WAN POP2, the service DOIT provides to critical state agencies will be uninterrupted even when faced with major catastrophic events. The POP2 will have connectivity to future state data centers and provide seamless service to all Connecticut residents.

Recovery Act and Other Governmental Collaboration:

The proposed projects will leverage the use of funds which have been allocated to it from the E-Rate Program, or the Schools and Libraries Program of the Universal Service Fund, administered by the Universal Service Administrative Company (USAC) under the direction of the Federal Communications Commission. By combining the E-Rate and Stimulus funds, the State will be able to provide a comprehensive set of services to a much wider audience of Community Anchor Institutions, including local libraries, schools and community centers. Connecticut has received \$5.04 million in the 2008-2009 Fiscal Year, which has been applied to the CEN program.

In addition, funds from a State E-911 telecommunications surcharge will be used to continue to strengthen and expand the infrastructure. The Federal Communications Commission sets standards for wireless providers for accuracy in tracing 911 calls made by cell phones and the State has committed to bringing the necessary equipment and expertise to all local public safety agencies in Connecticut to make use of the mandated capabilities for the benefit of all.



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Fit with BTOP CCI Priorities:

(1) Deploy Middle Mile broadband infrastructure with a commitment to offer new or substantially upgraded service to Public Libraries, critical community anchor institutions. Those community anchor institutions have expressed a demand for improved access to broadband service;

EXCEEDS: This project will add 27 public libraries to the State's fiber network along with fifteen charter schools. All of these institutions have requested CEN fiber services previously, but have been unable to obtain them because of the cost of fiber.

(2) Deploy Middle Mile broadband infrastructure and incorporate a public-private partnership among government, non-profit and for profit entities, including Connecticut Public Television and non-profit community-based “charter schools” who have expressed a demand for access to broadband service;

MEETS: One of the customers of the project is Connecticut Public Television, which will be upgrading its capability to meet new demand for its material, including current events and educational programming delivery. Two of Connecticut's new charter schools, operated by local community groups for the benefit of area children, will receive services, as well. FiberTech is a major provider of fiber services and will be the main partner for the State in deploying and maintaining services.

(3) Deploy Middle Mile broadband infrastructure with the intent to bolster growth in economically distressed areas utilizing community anchor institutions to provide direct access to those living in rural areas where access is otherwise prohibitively expensive;

EXCEEDS: Most of the library locations which will be added are libraries where a substantial amount of the internet usage is by students and job seekers. These are communities where broadband services are not available at costs which lower income families can afford. Library internet usage has been at peak availability at these locations, supporting the need for additional bandwidth. Numerous letters of support are available in the Uploads section to verify the need at the community library level.

(4) Deploy Middle Mile broadband infrastructure with a commitment to serve community colleges that have expressed a demand for improved access to broadband service;

MEETS: Connecticut's last two community colleges will be connected to the CEN with this funding. That has not been possible with existing funding. The Letters of Support from these institutions indicate the dramatically-growing need for services as more students are enrolling at these community-based, lower cost educational facilities. They are also hubs for job seekers who are currently unemployed or are underemployed and seeking new skills.



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(5) Deploy Middle Mile broadband infrastructure with a commitment to serve public safety entities that have expressed a demand for improved access to broadband service;
EXCEEDS: This project will connect all of Connecticut's Public Safety Access Points, providing a network for all law enforcement, and most first responders, to access the detailed information necessary to meet natural disaster, law enforcement and homeland security threats directly.

(6) Deploy Middle Mile broadband infrastructure that includes (i) a Last Mile infrastructure component for critical Public Safety and First Responder entities, as well as community anchor institutions.

EXCEEDS: All Connecticut PSAPS will be connected to a high-bandwidth, high-availability network. Critical libraries, many of which are utilizing all available bandwidth, will have fiber connections to CEN

(7) Contribute a non-Federal cost match that equals or exceeds 30 percent of the total eligible costs of the project.

Is the applicant seeking a waiver of the Buy American provision pursuant to section x.Q of the NOFA?

- No

Is the applicant delinquent on any federal debt?

- No

If Yes, justification for delinquency:

Are you seeking a waiver of any requirement set forth in the NOFA that is not mandated by statute or applicable law?

- No

Is the applicant a current recipient of a grant or loan from RUS?

- No

C. Partners

Are you partnering with any other key institutions, organizations, or other entities for this project?

- Yes

If YES, key partners are listed below:



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Project Role: Other
Name: Danaher, John
Phone: 8606858354
Email: john.danaher@ct.gov
Address 1: 1111 Country Club Road
Address 2:
Address 3:
City: Middletown
State: Connecticut
Zip Code: 06457-2389
Organization: Connecticut Department of Public Safety
Organization Type: State or State Agency
Small business: No
Socially and economically disadvantaged small business concern: No

Description of the involvement of the partners listed above in the project.

The Connecticut Department of Public Safety is providing the necessary matching funds for the project. They will be expanding their Public Safety network with the grant funds. All public safety network development is accomplished in close concert with local public safety officials and first responders. The letter of commitment is in the Uploads section.

D. Congressional Districts

Applicant Headquarters

- Connecticut

Project Service States

Connecticut

Project Service Areas

Connecticut - 1



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- Connecticut - 2
- Connecticut - 3
- Connecticut - 4
- Connecticut - 5

Will any portion of your proposed project serve federally recognized tribal entities?

- No

Indicate each federally recognized tribal entity your proposed project will serve.

Have you consulted with each of the federally recognized tribal entities identified above?

- No

E. Service Area Details

Is the applicant seeking a waiver for providing less than 100% coverage of a service area?

- No

Project Details

Service Area Type: Middle Mile
Service Area Name: Ansonia
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 6



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Total Population in Proposed Service Area: 18,503
Total Number of Households in Service Area: 7,507
Total Number of Businesses in Service Area: 324
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 43,026
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Ashford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 39
Total Population in Proposed Service Area: 4,467
Total Number of Households in Service Area: 1,578
Total Number of Businesses in Service Area: 69
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 55,000
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Avon
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served



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

Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 17,328
Total Number of Households in Service Area: 6,192
Total Number of Businesses in Service Area: 760
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 90,394
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Barkhamstead
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 36
Total Population in Proposed Service Area: 3,662
Total Number of Households in Service Area: 1,334
Total Number of Businesses in Service Area: 76
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 6,592
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Beacon Falls



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Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 10
Total Population in Proposed Service Area: 5,807
Total Number of Households in Service Area: 2,032
Total Number of Businesses in Service Area: 113
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 56,592
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Berlin
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 20,364
Total Number of Households in Service Area: 7,182
Total Number of Businesses in Service Area: 720
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 68,068
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Name: Bethany
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 21
Total Population in Proposed Service Area: 5,575
Total Number of Households in Service Area: 1,755
Total Number of Businesses in Service Area: 142
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 74,898
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Bethel
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 17
Total Population in Proposed Service Area: 18,438
Total Number of Households in Service Area: 6,505
Total Number of Businesses in Service Area: 587
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 68,891
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Service Area Type: Middle Mile
Service Area Name: Bethlehem
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 3,560
Total Number of Households in Service Area: 1,246
Total Number of Businesses in Service Area: 105
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 53,812
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Bloomfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 20,727
Total Number of Households in Service Area: 8,351
Total Number of Businesses in Service Area: 817
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 53,812
Estimated Percentage of Households with Access to Broadband: 100



**Broadband Infrastructure Application
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Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Bolton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 14
Total Population in Proposed Service Area: 5,427
Total Number of Households in Service Area: 2,059
Total Number of Businesses in Service Area: 136
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 67,394
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Bozrah
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 2,452
Total Number of Households in Service Area: 883
Total Number of Businesses in Service Area: 82



**Broadband Infrastructure Application
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Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 1
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 57,059
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Branford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 2,869
Total Number of Households in Service Area: 12,351
Total Number of Businesses in Service Area: 1,123
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 58,009
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Bridgeport
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 136,405
Total Number of Households in Service Area: 48,037



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Total Number of Businesses in Service Area: 2,390
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 15
Median Income in the Service Area: 34,658
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Bridgewater
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 1,873
Total Number of Households in Service Area: 703
Total Number of Businesses in Service Area: 57
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 80,420
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Bristol
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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**Broadband Infrastructure Application
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Total Square Miles in Service Area: 27
Total Population in Proposed Service Area: 60,927
Total Number of Households in Service Area: 25,120
Total Number of Businesses in Service Area: 1,250
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 47,422
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Brookfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 16,657
Total Number of Households in Service Area: 5,572
Total Number of Businesses in Service Area: 653
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 82,706
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Brooklyn
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 29
Total Population in Proposed Service Area: 7,949
Total Number of Households in Service Area: 2,531
Total Number of Businesses in Service Area: 162
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 49,756
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Burlington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 30
Total Population in Proposed Service Area: 9,150
Total Number of Households in Service Area: 2,840
Total Number of Businesses in Service Area: 165
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 82,711
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile



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Service Area Name: Canaan
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 1,095
Total Number of Households in Service Area: 445
Total Number of Businesses in Service Area: 86
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 54,688
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Canterbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 40
Total Population in Proposed Service Area: 5,118
Total Number of Households in Service Area: 1,717
Total Number of Businesses in Service Area: 81
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 55,547
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



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Service Area Type: Middle Mile
Service Area Name: Canton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 25
Total Population in Proposed Service Area: 10,104
Total Number of Households in Service Area: 3,516
Total Number of Businesses in Service Area: 410
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 66,013
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Chaplin
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 2,556
Total Number of Households in Service Area: 858
Total Number of Businesses in Service Area: 31



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
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Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 51,602
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Cheshire
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 29,066
Total Number of Households in Service Area: 9,944
Total Number of Businesses in Service Area: 945
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 80,466
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Chester
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 16



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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 3,811
Total Number of Households in Service Area: 1,510
Total Number of Businesses in Service Area: 151
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 65,156
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Clinton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 13,554
Total Number of Households in Service Area: 5,134
Total Number of Businesses in Service Area: 431
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 60,471
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Colchester
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



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<p>If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>

Total Square Miles in Service Area: 49
Total Population in Proposed Service Area: 15,578
Total Number of Households in Service Area: 5,225
Total Number of Businesses in Service Area: 358
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 64,807
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Colebrook
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

<p>If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>

Total Square Miles in Service Area: 32
Total Population in Proposed Service Area: 1,520
Total Number of Households in Service Area: 566
Total Number of Businesses in Service Area: 29
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 5
Median Income in the Service Area: 58,648
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



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Service Area Type: Middle Mile
Service Area Name: Columbia
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 21
Total Population in Proposed Service Area: 5,315
Total Number of Households in Service Area: 1,864
Total Number of Businesses in Service Area: 128
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 70,208
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Cornwall
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 46
Total Population in Proposed Service Area: 1,481
Total Number of Households in Service Area: 615
Total Number of Businesses in Service Area: 101
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 54,886
Estimated Percentage of Households with Access to Broadband: 100



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Coventry
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 38
Total Population in Proposed Service Area: 12,207
Total Number of Households in Service Area: 4,261
Total Number of Businesses in Service Area: 189
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 64,680
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Cromwell
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 12
Total Population in Proposed Service Area: 13,600
Total Number of Households in Service Area: 5,212
Total Number of Businesses in Service Area: 418
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4



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Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 60,662
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Danbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 42
Total Population in Proposed Service Area: 79,256
Total Number of Households in Service Area: 29,303
Total Number of Businesses in Service Area: 2,525
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 11
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 53,664
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Darien
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 20,177
Total Number of Households in Service Area: 6,791



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Total Number of Businesses in Service Area: 946
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 146,755
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Deep River
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 14
Total Population in Proposed Service Area: 4,668
Total Number of Households in Service Area: 1,824
Total Number of Businesses in Service Area: 149
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 51,677
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Derby
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Square Miles in Service Area: 5
Total Population in Proposed Service Area: 12,393
Total Number of Households in Service Area: 5,252
Total Number of Businesses in Service Area: 319
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 45,670
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Durham
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 24
Total Population in Proposed Service Area: 7,456
Total Number of Households in Service Area: 2,277
Total Number of Businesses in Service Area: 177
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 77,639
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: East Granby
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

<p>If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>

Total Square Miles in Service Area: 17
Total Population in Proposed Service Area: 5,155
Total Number of Households in Service Area: 1,848
Total Number of Businesses in Service Area: 219
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 68,696
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: East Haddam
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

<p>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; The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>
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Total Square Miles in Service Area: 54
Total Population in Proposed Service Area: 8,896
Total Number of Households in Service Area: 3,174
Total Number of Businesses in Service Area: 171
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 62,304
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: East Hampton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 36
Total Population in Proposed Service Area: 12,685
Total Number of Households in Service Area: 4,126
Total Number of Businesses in Service Area: 233
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 66,326
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: East Hartford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 18
Total Population in Proposed Service Area: 48,751
Total Number of Households in Service Area: 19,118
Total Number of Businesses in Service Area: 1,166
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 12



**Broadband Infrastructure Application
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Median Income in the Service Area: 41,424
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: East Haven
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 12
Total Population in Proposed Service Area: 28,590
Total Number of Households in Service Area: 11,285
Total Number of Businesses in Service Area: 528
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 15
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 47,930
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: East Lyme
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 34
Total Population in Proposed Service Area: 19,022
Total Number of Households in Service Area: 6,308
Total Number of Businesses in Service Area: 478



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 66,539
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: East Windsor
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 10,822
Total Number of Households in Service Area: 4,078
Total Number of Businesses in Service Area: 444
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 51,092
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Eastford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 29



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 1,798
Total Number of Households in Service Area: 618
Total Number of Businesses in Service Area: 49
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 57,159
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Easton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 27
Total Population in Proposed Service Area: 7,340
Total Number of Households in Service Area: 2,465
Total Number of Businesses in Service Area: 201
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 125,557
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Ellington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Total Square Miles in Service Area: 34
Total Population in Proposed Service Area: 14,568
Total Number of Households in Service Area: 5,195
Total Number of Businesses in Service Area: 296
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 62,405
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Enfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 44,895
Total Number of Households in Service Area: 16,316
Total Number of Businesses in Service Area: 989
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 9
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 52,810
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Essex
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 10
Total Population in Proposed Service Area: 6,748
Total Number of Households in Service Area: 2,811
Total Number of Businesses in Service Area: 399
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 66,746
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Fairfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 30
Total Population in Proposed Service Area: 57,345
Total Number of Households in Service Area: 19,658
Total Number of Businesses in Service Area: 2,196
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 83,512
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Name: Farmington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 28
Total Population in Proposed Service Area: 25,116
Total Number of Households in Service Area: 9,731
Total Number of Businesses in Service Area: 1,239
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 62,083
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Franklin
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 1,893
Total Number of Households in Service Area: 687
Total Number of Businesses in Service Area: 93
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 1
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 62,083
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
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Service Area Type: Middle Mile
Service Area Name: Glastonbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 51
Total Population in Proposed Service Area: 33,263
Total Number of Households in Service Area: 12,257
Total Number of Businesses in Service Area: 1,314
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 80,660
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Goshen
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 44
Total Population in Proposed Service Area: 3,203
Total Number of Households in Service Area: 1,066
Total Number of Businesses in Service Area: 99
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 64,432
Estimated Percentage of Households with Access to Broadband: 100



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Granby
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 41
Total Population in Proposed Service Area: 11,219
Total Number of Households in Service Area: 3,781
Total Number of Businesses in Service Area: 269
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 81,151
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Greenwich
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 48
Total Population in Proposed Service Area: 61,937
Total Number of Households in Service Area: 22,483
Total Number of Businesses in Service Area: 3,922
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
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Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 99,086
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Griswold
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 35
Total Population in Proposed Service Area: 11,398
Total Number of Households in Service Area: 4,184
Total Number of Businesses in Service Area: 180
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 50,156
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Groton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 31



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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 39,167
Total Number of Households in Service Area: 15,562
Total Number of Businesses in Service Area: 993
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 13
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 46,154
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Guilford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 37
Total Population in Proposed Service Area: 22,398
Total Number of Households in Service Area: 8,461
Total Number of Businesses in Service Area: 771
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 11
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 76,843
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Haddam
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 44
Total Population in Proposed Service Area: 7,885
Total Number of Households in Service Area: 2,701
Total Number of Businesses in Service Area: 178
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 78,571
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Hamden
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 57,862
Total Number of Households in Service Area: 22,475
Total Number of Businesses in Service Area: 1,566
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 21
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 52,351
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Hampton



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 55
Total Population in Proposed Service Area: 2,149
Total Number of Households in Service Area: 674
Total Number of Businesses in Service Area: 29
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 54,464
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Hartford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 17
Total Population in Proposed Service Area: 124,062
Total Number of Households in Service Area: 32,347
Total Number of Businesses in Service Area: 3,481
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 16
Unemployment Rate in the Service Area: 17
Median Income in the Service Area: 24,820
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Hartland
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 2,079
Total Number of Households in Service Area: 707
Total Number of Businesses in Service Area: 46
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 64,674
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Harwinton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 31
Total Population in Proposed Service Area: 5,560
Total Number of Households in Service Area: 1,958
Total Number of Businesses in Service Area: 115
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 66,222



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Hebron
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 37
Total Population in Proposed Service Area: 9,228
Total Number of Households in Service Area: 2,993
Total Number of Businesses in Service Area: 210
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 75,138
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Kent
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 48
Total Population in Proposed Service Area: 2,944
Total Number of Households in Service Area: 1,143



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Number of Businesses in Service Area: 171
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 53,906
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Killingly
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 49
Total Population in Proposed Service Area: 17,826
Total Number of Households in Service Area: 6,359
Total Number of Businesses in Service Area: 468
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 41,087
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Killingworth
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



**Broadband Infrastructure Application
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

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Total Square Miles in Service Area: 35
Total Population in Proposed Service Area: 6,463
Total Number of Households in Service Area: 2,196
Total Number of Businesses in Service Area: 144
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 80,805
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Lebanon
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 54
Total Population in Proposed Service Area: 7,358
Total Number of Households in Service Area: 2,446
Total Number of Businesses in Service Area: 118
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 6,173
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Ledyard



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 38
Total Population in Proposed Service Area: 15,078
Total Number of Households in Service Area: 5,286
Total Number of Businesses in Service Area: 296
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 9
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 62,647
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Lisbon
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 4,210
Total Number of Households in Service Area: 1,525
Total Number of Businesses in Service Area: 84
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 55,149
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Litchfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 56
Total Population in Proposed Service Area: 8,625
Total Number of Households in Service Area: 3,310
Total Number of Businesses in Service Area: 433
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 58,418
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Lyme
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 32
Total Population in Proposed Service Area: 2,077
Total Number of Households in Service Area: 854
Total Number of Businesses in Service Area: 58
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 73,250
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Madison
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 36
Total Population in Proposed Service Area: 18,803
Total Number of Households in Service Area: 6,515
Total Number of Businesses in Service Area: 647
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 49,426
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Manchester
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 27
Total Population in Proposed Service Area: 56,385
Total Number of Households in Service Area: 23,197



**Broadband Infrastructure Application
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Total Number of Businesses in Service Area: 1,648
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 49,426
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Mansfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 44
Total Population in Proposed Service Area: 24,622
Total Number of Households in Service Area: 5,238
Total Number of Businesses in Service Area: 332
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 48,888
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Marlborough
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 6,360
Total Number of Households in Service Area: 2,005
Total Number of Businesses in Service Area: 149
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 80,266
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Meriden
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 24
Total Population in Proposed Service Area: 59,186
Total Number of Households in Service Area: 23,499
Total Number of Businesses in Service Area: 1,326
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 9
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 43,237
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Middlebury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

<p>If Service Status is "Underserved" please select at least one applicable option from this list.</p> <p>The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>
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Total Square Miles in Service Area: 18
Total Population in Proposed Service Area: 7,343
Total Number of Households in Service Area: 2,398
Total Number of Businesses in Service Area: 245
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 70,469
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Middlefield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

<p>If Service Status is "Underserved" please select at least one applicable option from this list.</p> <p>The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>
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Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 4,249
Total Number of Households in Service Area: 1,645
Total Number of Businesses in Service Area: 143
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 59,448
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Middletown
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 41
Total Population in Proposed Service Area: 48,030
Total Number of Households in Service Area: 19,727
Total Number of Businesses in Service Area: 1,224
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 47,162
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Milford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 55,907
Total Number of Households in Service Area: 20,967
Total Number of Businesses in Service Area: 1,962
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 47,162
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Monroe
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 19,359
Total Number of Households in Service Area: 6,481
Total Number of Businesses in Service Area: 633
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 85,000
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Montville
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 42
Total Population in Proposed Service Area: 19,612
Total Number of Households in Service Area: 6,246
Total Number of Businesses in Service Area: 313
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 9
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 55,086
Estimated Percentage of Households with Access to Broadband: 100



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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Morris
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 17
Total Population in Proposed Service Area: 2,329
Total Number of Households in Service Area: 912
Total Number of Businesses in Service Area: 83
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 55,086
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Naugatuck
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 31,931
Total Number of Households in Service Area: 11,518
Total Number of Businesses in Service Area: 561
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Unemployment Rate in the Service Area: 13
Median Income in the Service Area: 51,247
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Newington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 29,699
Total Number of Households in Service Area: 12,014
Total Number of Businesses in Service Area: 926
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 57,118
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Newtown
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 58
Total Population in Proposed Service Area: 26,737
Total Number of Households in Service Area: 8,976



**Broadband Infrastructure Application
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Total Number of Businesses in Service Area: 767
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 90,193
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: New Britain
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 70,486
Total Number of Households in Service Area: 26,528
Total Number of Businesses in Service Area: 1,125
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 15
Median Income in the Service Area: 64,158
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: New Canaan
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 19,912



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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Number of Households in Service Area: 6,822
Total Number of Businesses in Service Area: 934
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 6
Median Income in the Service Area: 141,788
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: New Fairfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 14,059
Total Number of Households in Service Area: 4,638
Total Number of Businesses in Service Area: 258
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 84,375
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: New Hartford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

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

Total Square Miles in Service Area: 37
Total Population in Proposed Service Area: 6,728
Total Number of Households in Service Area: 2,228
Total Number of Businesses in Service Area: 170
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 69,321
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: New Haven
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 123,669
Total Number of Households in Service Area: 46,302
Total Number of Businesses in Service Area: 2,993
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 12
Unemployment Rate in the Service Area: 14
Median Income in the Service Area: 29,604
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: New London
Rural Classification of the Last Mile Service Area: Non-Rural



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 6
Total Population in Proposed Service Area: 25,891
Total Number of Households in Service Area: 10,387
Total Number of Businesses in Service Area: 816
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 33,809
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: New Milford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 62
Total Population in Proposed Service Area: 28,338
Total Number of Households in Service Area: 10,455
Total Number of Businesses in Service Area: 887
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 65,354
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
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Service Area Type: Middle Mile
Service Area Name: Norfolk
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 45
Total Population in Proposed Service Area: 1,647
Total Number of Households in Service Area: 676
Total Number of Businesses in Service Area: 90
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 90,193
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: North Branford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 25
Total Population in Proposed Service Area: 14,374
Total Number of Households in Service Area: 5,132
Total Number of Businesses in Service Area: 362
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 58,906
Estimated Percentage of Households with Access to Broadband: 100



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: North Canaan
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 3,347
Total Number of Households in Service Area: 1,343
Total Number of Businesses in Service Area: 144
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 39,020
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: North Haven
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 21
Total Population in Proposed Service Area: 23,961
Total Number of Households in Service Area: 9,091
Total Number of Businesses in Service Area: 1,059
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 65,703
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: North Stonington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 54
Total Population in Proposed Service Area: 5,233
Total Number of Households in Service Area: 1,833
Total Number of Businesses in Service Area: 119
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 57,887
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Norwalk
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 83,185
Total Number of Households in Service Area: 31,844



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Total Number of Businesses in Service Area: 3,201
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 59,389
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Norwich
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 28
Total Population in Proposed Service Area: 36,388
Total Number of Households in Service Area: 15,129
Total Number of Businesses in Service Area: 991
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 11
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 39,181
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Old Lyme
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

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Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 7,357
Total Number of Households in Service Area: 2,958
Total Number of Businesses in Service Area: 265
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 68,386
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Old Saybrook
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 15
Total Population in Proposed Service Area: 10,521
Total Number of Households in Service Area: 4,184
Total Number of Businesses in Service Area: 619
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 62,742
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Orange



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 17
Total Population in Proposed Service Area: 13,781
Total Number of Households in Service Area: 4,739
Total Number of Businesses in Service Area: 612
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 79,365
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Oxford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 12,734
Total Number of Households in Service Area: 3,343
Total Number of Businesses in Service Area: 290
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 77,126
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Name: Plainfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 42
Total Population in Proposed Service Area: 15,430
Total Number of Households in Service Area: 5,444
Total Number of Businesses in Service Area: 330
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 13
Median Income in the Service Area: 42,581
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Plainville
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 10
Total Population in Proposed Service Area: 17,221
Total Number of Households in Service Area: 7,385
Total Number of Businesses in Service Area: 576
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 48,136
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Plymouth
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 11,969
Total Number of Households in Service Area: 4,453
Total Number of Businesses in Service Area: 235
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 13
Median Income in the Service Area: 53,750
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Pomfret
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 40
Total Population in Proposed Service Area: 4,168
Total Number of Households in Service Area: 1,433
Total Number of Businesses in Service Area: 130
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 57,937
Estimated Percentage of Households with Access to Broadband: 100



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Portland
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 9,551
Total Number of Households in Service Area: 3,388
Total Number of Businesses in Service Area: 258
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 63,285
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Preston
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 31
Total Population in Proposed Service Area: 4,931
Total Number of Households in Service Area: 1,837
Total Number of Businesses in Service Area: 103



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
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Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 54,942
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Prospect
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 14
Total Population in Proposed Service Area: 9,353
Total Number of Households in Service Area: 3,020
Total Number of Businesses in Service Area: 240
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 67,560
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Putnam
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 20



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Total Population in Proposed Service Area: 9,307
Total Number of Households in Service Area: 3,683
Total Number of Businesses in Service Area: 334
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 43,010
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Redding
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 32
Total Population in Proposed Service Area: 8,798
Total Number of Households in Service Area: 2,918
Total Number of Businesses in Service Area: 244
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 6
Median Income in the Service Area: 104,137
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Ridgefield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 34
Total Population in Proposed Service Area: 24,011
Total Number of Households in Service Area: 8,737
Total Number of Businesses in Service Area: 1,007
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 12
Unemployment Rate in the Service Area: 6
Median Income in the Service Area: 107,351
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Rocky Hill
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 18,852
Total Number of Households in Service Area: 7,557
Total Number of Businesses in Service Area: 789
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 60,247
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Roxbury



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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 2,311
Total Number of Households in Service Area: 848
Total Number of Businesses in Service Area: 98
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 87,794
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Salem
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 29
Total Population in Proposed Service Area: 4,110
Total Number of Households in Service Area: 1,358
Total Number of Businesses in Service Area: 86
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 68,570
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Service Area Type: Middle Mile
Service Area Name: Salisbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 57
Total Population in Proposed Service Area: 3,958
Total Number of Households in Service Area: 1,737
Total Number of Businesses in Service Area: 234
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 53,051
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Scotland
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 1,722
Total Number of Households in Service Area: 553
Total Number of Businesses in Service Area: 29
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3



**Broadband Infrastructure Application
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Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Unemployment Rate in the Service Area: 5
Median Income in the Service Area: 56,848
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Seymour
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 15
Total Population in Proposed Service Area: 16,251
Total Number of Households in Service Area: 6,155
Total Number of Businesses in Service Area: 345
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 52,408
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Sharon
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 59



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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 3,014
Total Number of Households in Service Area: 1,246
Total Number of Businesses in Service Area: 168
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 5,300
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Shelton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 31
Total Population in Proposed Service Area: 39,991
Total Number of Households in Service Area: 14,473
Total Number of Businesses in Service Area: 1,265
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 67,292
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Sherman
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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



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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

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Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 4,106
Total Number of Households in Service Area: 1,434
Total Number of Businesses in Service Area: 104
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 6
Median Income in the Service Area: 76,202
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Simsbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 34
Total Population in Proposed Service Area: 23,615
Total Number of Households in Service Area: 8,607
Total Number of Businesses in Service Area: 680
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 82,996
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Somers



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
Funding Opportunity: Broadband Technology Opportunities Program	Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF
Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 10,894
Total Number of Households in Service Area: 2,925
Total Number of Businesses in Service Area: 241
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 65,273
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: South Windsor
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 28
Total Population in Proposed Service Area: 25,966
Total Number of Households in Service Area: 8,905
Total Number of Businesses in Service Area: 926
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 73,990
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Southbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 39
Total Population in Proposed Service Area: 19,702
Total Number of Households in Service Area: 7,225
Total Number of Businesses in Service Area: 632
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 61,919
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Southington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 36
Total Population in Proposed Service Area: 42,250
Total Number of Households in Service Area: 15,659
Total Number of Businesses in Service Area: 1,128
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 60,538
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Service Area Type: Middle Mile
Service Area Name: Sprague
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 13
Total Population in Proposed Service Area: 2,980
Total Number of Households in Service Area: 1,111
Total Number of Businesses in Service Area: 56
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 43,125
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Stafford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 58
Total Population in Proposed Service Area: 11,773
Total Number of Households in Service Area: 4,353
Total Number of Businesses in Service Area: 270



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 52,699
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Stamford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 38
Total Population in Proposed Service Area: 119,303
Total Number of Households in Service Area: 46,184
Total Number of Businesses in Service Area: 5,225
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 12
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 60,556
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Sterling
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 27



**Broadband Infrastructure Application
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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 3,748
Total Number of Households in Service Area: 1,116
Total Number of Businesses in Service Area: 57
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 49,167
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Stonington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

<p>If Service Status is "Underserved" please select at least one applicable option from this list.</p> <p>The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>
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Total Square Miles in Service Area: 39
Total Population in Proposed Service Area: 18,371
Total Number of Households in Service Area: 7,665
Total Number of Businesses in Service Area: 730
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 9
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 52,437
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Stratford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served



Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program

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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

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

Total Square Miles in Service Area: 18
Total Population in Proposed Service Area: 48,835
Total Number of Households in Service Area: 19,283
Total Number of Businesses in Service Area: 1,300
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 53,494
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Suffield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 42
Total Population in Proposed Service Area: 15,136
Total Number of Households in Service Area: 4,660
Total Number of Businesses in Service Area: 306
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 66,698
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Thomastom
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved



**Broadband Infrastructure Application
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<p>If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>

Total Square Miles in Service Area: 12
Total Population in Proposed Service Area: 7,766
Total Number of Households in Service Area: 2,916
Total Number of Businesses in Service Area: 247
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 54,297
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Thompson
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

<p>If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.</p>

Total Square Miles in Service Area: 47
Total Population in Proposed Service Area: 9,629
Total Number of Households in Service Area: 3,482
Total Number of Businesses in Service Area: 160
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 46,065
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Service Area Type: Middle Mile
Service Area Name: Tolland
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 40
Total Population in Proposed Service Area: 14,705
Total Number of Households in Service Area: 7,586
Total Number of Businesses in Service Area: 335
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 77,398
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Torrington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 40
Total Population in Proposed Service Area: 35,312
Total Number of Households in Service Area: 15,133
Total Number of Businesses in Service Area: 1,031
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 13
Median Income in the Service Area: 41,841



**Broadband Infrastructure Application
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Task: Submit Application - BTOP	Applicant Name: Mr. Michael W Krochmalny Esq.

Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Trumbull
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 23
Total Population in Proposed Service Area: 34,688
Total Number of Households in Service Area: 12,178
Total Number of Businesses in Service Area: 1,025
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 79,507
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Union
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 29
Total Population in Proposed Service Area: 751
Total Number of Households in Service Area: 285
Total Number of Businesses in Service Area: 15



**Broadband Infrastructure Application
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Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 58,214
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Vernon
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 18
Total Population in Proposed Service Area: 29,839
Total Number of Households in Service Area: 12,983
Total Number of Businesses in Service Area: 683
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 47,816
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Voluntown
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 39



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Total Population in Proposed Service Area: 2,619
Total Number of Households in Service Area: 952
Total Number of Businesses in Service Area: 50
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 56,802
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Wallingford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 39
Total Population in Proposed Service Area: 44,859
Total Number of Households in Service Area: 17,220
Total Number of Businesses in Service Area: 1,478
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 57,308
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Warren
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Total Square Miles in Service Area: 26
Total Population in Proposed Service Area: 1,385
Total Number of Households in Service Area: 497
Total Number of Businesses in Service Area: 26
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 62,798
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Washington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 38
Total Population in Proposed Service Area: 3,657
Total Number of Households in Service Area: 1,416
Total Number of Businesses in Service Area: 229
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 65,288
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Waterbury



**Broadband Infrastructure Application
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Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 29
Total Population in Proposed Service Area: 107,037
Total Number of Households in Service Area: 41,939
Total Number of Businesses in Service Area: 2,326
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 16
Median Income in the Service Area: 34,285
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Waterford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 33
Total Population in Proposed Service Area: 18,794
Total Number of Households in Service Area: 7,542
Total Number of Businesses in Service Area: 630
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 10
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 56,047
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35



**Broadband Infrastructure Application
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Service Area Type: Middle Mile
Service Area Name: Watertown
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 29
Total Population in Proposed Service Area: 22,095
Total Number of Households in Service Area: 8,539
Total Number of Businesses in Service Area: 567
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 59,420
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: West Hartford
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 22
Total Population in Proposed Service Area: 60,495
Total Number of Households in Service Area: 24,567
Total Number of Businesses in Service Area: 1,849
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 61,665
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



**Broadband Infrastructure Application
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Service Area Type: Middle Mile
Service Area Name: West Haven
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 11
Total Population in Proposed Service Area: 53,420
Total Number of Households in Service Area: 20,286
Total Number of Businesses in Service Area: 931
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 42,393
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Westbrook
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 16
Total Population in Proposed Service Area: 6,641
Total Number of Households in Service Area: 2,605
Total Number of Businesses in Service Area: 269
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 6
Unemployment Rate in the Service Area: 8



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Median Income in the Service Area: 57,531
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Weston
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

If Service Status is "Underserved" please select at least one applicable option from this list.
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Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 10,183
Total Number of Households in Service Area: 3,312
Total Number of Businesses in Service Area: 291
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 5
Median Income in the Service Area: 146,697
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Westport
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
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The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 26,592
Total Number of Households in Service Area: 8,998
Total Number of Businesses in Service Area: 1,929



**Broadband Infrastructure Application
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Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 119,872
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Wethersfield
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 12
Total Population in Proposed Service Area: 25,719
Total Number of Households in Service Area: 11,204
Total Number of Businesses in Service Area: 669
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 5
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 53,289
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Willington
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

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

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

Total Square Miles in Service Area: 33



**Broadband Infrastructure Application
Submission to NTIA – Broadband Technology Opportunities Program**

Submitted Date: 3/26/2010 3:23:51 PM		Easygrants ID: 7356	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
Task: Submit Application - BTOP		Applicant Name: Mr. Michael W Krochmalny Esq.	

Total Population in Proposed Service Area: 6,114
Total Number of Households in Service Area: 2,353
Total Number of Businesses in Service Area: 120
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 51,690
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Wilton
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 27
Total Population in Proposed Service Area: 17,698
Total Number of Households in Service Area: 5,923
Total Number of Businesses in Service Area: 934
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 7
Median Income in the Service Area: 141,428
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Winchester
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Total Square Miles in Service Area: 32
Total Population in Proposed Service Area: 10,716
Total Number of Households in Service Area: 4,371
Total Number of Businesses in Service Area: 351
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 17
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 46,671
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Windham
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 27
Total Population in Proposed Service Area: 23,609
Total Number of Households in Service Area: 8,302
Total Number of Businesses in Service Area: 554
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 12
Median Income in the Service Area: 36,087
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Windsor



**Broadband Infrastructure Application
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Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 30
Total Population in Proposed Service Area: 28,851
Total Number of Households in Service Area: 10,629
Total Number of Businesses in Service Area: 796
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 48,837
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Windsor Locks
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 9
Total Population in Proposed Service Area: 12,495
Total Number of Households in Service Area: 4,935
Total Number of Businesses in Service Area: 451
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 4
Unemployment Rate in the Service Area: 10
Median Income in the Service Area: 64,137
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile



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Service Area Name: Wolcott
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 20
Total Population in Proposed Service Area: 16,434
Total Number of Households in Service Area: 5,414
Total Number of Businesses in Service Area: 331
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 11
Median Income in the Service Area: 61,376
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60

Service Area Type: Middle Mile
Service Area Name: Woodbridge
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Served

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

Total Square Miles in Service Area: 19
Total Population in Proposed Service Area: 9,193
Total Number of Households in Service Area: 3,103
Total Number of Businesses in Service Area: 342
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 6
Median Income in the Service Area: 102,121
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 60



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Service Area Type: Middle Mile
Service Area Name: Woodbury
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 36
Total Population in Proposed Service Area: 9,650
Total Number of Households in Service Area: 3,715
Total Number of Businesses in Service Area: 356
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 3
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 68,322
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Woodstock
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 61
Total Population in Proposed Service Area: 8,229
Total Number of Households in Service Area: 2,754
Total Number of Businesses in Service Area: 177
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 7
Unemployment Rate in the Service Area: 9
Median Income in the Service Area: 55,313
Estimated Percentage of Households with Access to Broadband: 100



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Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: INFORMATION TECHNOLOGY, DEPT OF	
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Estimated Percentage of Households Subscribing to Broadband: 35

Service Area Type: Middle Mile
Service Area Name: Andover
Rural Classification of the Last Mile Service Area: Non-Rural
Service Status of the Last Mile Service Area: Underserved

If Service Status is "Underserved" please select at least one applicable option from this list.
 The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles in Service Area: 15
Total Population in Proposed Service Area: 3,183
Total Number of Households in Service Area: 1,150
Total Number of Businesses in Service Area: 53
Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 2
Unemployment Rate in the Service Area: 8
Median Income in the Service Area: 67,452
Estimated Percentage of Households with Access to Broadband: 100
Estimated Percentage of Households Subscribing to Broadband: 35

F. Community Anchor Summary

Community Anchor Summary	
Schools (k-12)	89
Libraries	29
Medical and Healthcare Providers	0
Public Safety Entities	547
Community Colleges	2



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Public Housing	0
Other Institutions of Higher Education	0
Other Community Support Organization	0
Other Government Facilities	0
TOTAL COMMUNITY ANCHOR INSTITUTIONS	667
Historically Black colleges and Universities	0
Tribal Colleges and Universities	0
Alaska Native Serving Institutions	0
Hispanic Serving Institutions	0
Native Hawaiian Serving Institutions	0
TOTAL MINORITY SERVING INSTITUTIONS	0

G. Project Benefits

Demographics

Jobs	
How many direct jobs-years will be created from this project?	1275
How many indirect jobs will be created from this project?	816
How many jobs will be induced from this project?	459



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Methodology used to estimate jobs:

Whitehouse.gov

Table 5

Simple Rule for Estimating Job-Years Created by Government Spending

\$92,000 of government spending creates 1 job-year

64% of the job-years represent direct and indirect effects

36% of the job-years are induced effects

Project Impact:

This project will dramatically increase access to broadband services for those who depend on access through the anchor institutions in their communities. The two community colleges which will be connected to the CEN fiber are located in significantly-disadvantaged areas of the State. Please review the letters from the Chancellor as well as the college administrators for dramatic language. The many libraries that will be connected have identified significant needs in their communities, especially for after-school computer use among children who do not have broadband access at home. This is also true for job seekers who cannot afford to subscribe at current rates.

Vulnerable Populations:

As noted in the letters of support from both the community colleges and the libraries, many needy students and unemployed adults who cannot afford broadband access will have services through this project.

Level of Need:

The need for the Connecticut Department of Public Safety "data network" project has been addressed by the Connecticut General Assembly in a report which identified the need for a robust, high-bandwidth network for Public Safety personnel at all levels. The "CPSSDN Feasibility Study Report" was issued in January, 2007, outlining the specific requirements. While some of the requirements have been met with existing funding, much of the network remains at the planning level because of the lack of funds. The Connecticut Education Network (CEN) has a list of institutions which would like to receive their direct (fiber) services, but lack of State funding has prohibited expansion.

Please review the many letters from libraries about the increasing demands on their internet services in the Uploads section. In addition, several of the State's Charter Schools have written to indicate the level of need they have identified. Their letters can be found in the Uploads area.

H. Technology

Technology Type



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Indicate the technology that will be used to deliver last mile services. The following items were selected:

Wireline - Fiber-optic Cable

Other:

Technology Questions

Methodology for Area Status:

Without actual data from the Department of Public Utility Control, which does not have the authority to require providers to submit actual data, the Department has estimated actual use based on the technical infrastructure conditions of the individual towns as reported by local Public Safety and education participants.

Methodology of Service Area Selection

The Connecticut State Department of Information Technology has opted to use geographical towns as the proposed service areas for this proposal. The existing towns allow for an organized approach to the projects, where necessary construction agreements can be filed by service area/town. Additionally, towns provide for a logical timeline for network implementation, given schools, libraries and public safety facilities located in one geographical jurisdiction. Finally, towns provide the most accessible data to determine rural broadband classifications per the notice of funding opportunity announcement.

Methodology of Unserved/Underserved Status

The proposed sites as part of this proposal face two major limitations: limited bandwidth capacity and lack of fiber redundancy. Currently, sites not connected to the proposed networks do not have the capacity to scale beyond 10 mbps for uploading and downloading information. With increasing technological need for high speed Internet for educational instruction and public safety service, the existing capacity does not meet the technological need of today. Additionally, the lack of redundancy causes a halt in educational and critical care services to state residents.

Due to these reasons, the state has classified these areas as underserved, defined as less than 50% of the focused audience of the project in the census-designated communities have access to facilities-based, terrestrial broadband service.



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Description of Network Openness:

The proposed projects, the expansion of the CEN, CPSSDN and POP2, will fulfill the NOFA's non-discrimination and network interconnection obligations.

First, the proposed expanded network will adhere to the principles within the FCC's Internet Policy Statement (FCC 05-151, adopted August 5, 2005). Users of the networks will be able to "access the lawful Internet content of their choice." No persons associated with managing the network will regulate what lawful content or applications network users will be able to access and utilize. While the CEN does make available an Internet filtering service to K-12 school districts, each district is able to customize and maintain its own filter settings, and the districts retain the ability to access any lawful Internet content that they choose. CPSSDN users will be limited to access material and content necessary for public safety official business only.

Second, the project will "not favor any lawful Internet applications and content over others." The DOIT, CEN and CPSSDN do not promote or favor any particular Internet content or applications. Network users will have equal access to all lawful content and applications.

Third, staff members will commit to displaying any network management policies in a prominent location on the DOIT, CEN and CPSSDN web sites. Furthermore, network staff will notify network users via email of any changes to these policies.

Through Border Gateway Protocol (BGP) load balancing, network staff members are able to allocate traffic to the networks' multiple Internet Service Providers in order to ensure optimal performance and allow for sufficient headroom for any bursts in network member traffic. Network staff have the capability of limiting bandwidth utilization using features inherent in the core and edge devices deployed. It is not standard practice to limit usage; however if a network member requested this service, CEN staff would be able to accommodate this request. CPSSDN, again, will only use the network for appropriate business.

CEN makes available to public school districts access to a centralized Internet filter server that enables districts to customize filter settings according to their local policies and needs.

Fourth, the CEN is an open, inter-connected network. The CEN connects to the public Internet via core border edge routers. The state network also connects to other regional and national education and research networks (e.g., NEREN and Internet2) via the Northern Crossroads (NoX) in Boston, Massachusetts.

All networks provide interconnection of critical education and public services to residents of Connecticut.

System Design:



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CEN Backbone Design

The CEN optical backbone is divided into 2 logical tiers of connectivity. In the core, there are hub sites containing backbone routers interconnecting other hub sites via 10 gigabit ethernet. The distribution routers at each edge site connect to 2 different backbone routers and to the local school district border.

The optical backbone uses standardized IP Layer network routing protocols to implement a self-healing and redundant backbone network. The cost benefit of adhering to a strict ?IP only strategy at all layers of the network deployment has the benefit of eliminating overhead costs in equipment, software, and maintenance.

The current optical backbone connects directly to school districts and higher education campuses with high speed fiber-optic based connections. Libraries and other smaller remote facilities are connected to the network using virtual network technologies like frame relay, ATM and mapping of DSL virtual circuits. The network allows different levels of security and content filtering for each of the major user categories on the network.

As the network evolves and requires greater bandwidth, the design allows for easy integration of CWDM and DWDM technologies to maximize the use of existing fiber backbone and edge connections.

CEN would use BIP/BTOP funding to expand this optical backbone architecture to the rural areas of Connecticut where we currently pay for a vendor managed service. We would install 3 new hub sites and interconnect them to each other and the existing backbone with dark fiber. In addition to the new fiber build, we would install the necessary hardware in the hub locations and edge sites to support a 10 gigabit Ethernet backbone and 1 gigabit drops to each district. This design will also allow the addition of CWDM and/or DWDM technology for additional bandwidth requirements.

We would then construct additional optical rings between 2 hub sites with lateral fiber builds to a single location in each district replicating the current design in these additional rural areas. This will provide the same redundancy and flexibility inherent in the current deployment.

Routing Protocols for the CEN Backbone

In the CEN Core, backbone routers run the Open Shortest Path First (OSPF) protocol as the IGP to establish a standard and flexible foundation on which advanced MPLS protocols and services can be easily deployed. Using standard protocols we do not limit ourselves to any single vendor hardware solution for backbone and edge site routing.

The CEN is currently using LDP, BGP and MPLS to provide flexibility in routing by allowing the import and export of routes to provide diversity, service selection and layer 3 virtual private



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networking to our members. We can support layer 2 connections and still provide redundancy by virtue of our MPLS core.

Multicast is also currently available across our core and we have some very active member participation in sourcing multicast streams via our Internet2 service.

Phase 2 of the CPSSDN will leverage existing Phase 1 components and fiber optic connectivity. Phase 1 has 111 locations in a 6 interconnected self-healing resilient ring architecture utilizing DWDM transport technologies at 10Gbps speeds (equivalent to OC-192). This would be considered the "core backbone" of the overall network. Phase 2 would require certain DWDM optical upgrades and additions to be accomplished in the Phase 1 core in order to support the 411 additional locations planned. This would include upgrading all core locations to utilize ROADM (reconfigurable optical add drop multiplexor) technologies as well as adding appropriate DWDM optical transceivers and Xponders to include another 10Gbps lightwave for the increased bandwidth requirements of Phase 2.

Public Safety Data Network Design

The 411 Phase 2 locations edge device will be connected to the core via dedicated fiber connections in either a hub/spoke or ringlet configuration (depending upon location) operating at 1Gbps speeds. The edge devices will support up to 24 client connection ports utilizing Ethernet handoffs (10/100/1000T).

Data transport and wavelength topologies will be accomplished at the Layer 1 and Layer 2 levels within the network. Support for multiple VLAN, trunking and QOS services are provided throughout the network on a port by port basis. Transport of upper layer protocols and routing will be transparent and accomplished by the connected client devices at the edge device client port

By design, the core and edge capacity can easily be upgraded in order to accommodate future bandwidth requirements. While current DWDM technologies generally comprise 10Gbps speeds and up to 40 lightwaves, new hardware development supporting 40Gbps and 100Gbps are on the horizon and are expected to be released within the next year or so. Also by design, any future upgrades are intended to be accomplished without major loss of existing hardware so as to retain initial investment as much as possible (no forklift upgrades necessary).

Is the applicant seeking a waiver pursuant to section IX.C of the NOFA so as to sell or lease portions of the award-funded broadband facilities during their life?

No



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I. Project Budget

Project Budget		
	Federal Grant Request	Match
Last Mile	0	0
Middle Mile	93,855,029	23,463,757
Total	93,855,029	23,463,757

Project Budget Total: \$117,318,786

Match Percent: 20.0%

Projects Outside Recommended Funding Range:



Outside Leverage	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Matching cost detail	All matching funds for this project are provided by the E 9-1-1 surcharge on telecommunications equipment in Connecticut. These funds accrue to the Connecticut Department of Public Safety, which has authorized their use for this purpose. See Uploads section for letter from DPS Commissioner Dannaher. The match equals 20 per cent of the total project.
Unjust enrichment	The State of Connecticut is not receiving, nor has it applied for, any Federal support for non-recurring costs in the area for which it seeks an award.
Disclosure of federal and/or state funding sources	The matching funds for this Application are provided from the Enhanced 9-1-1 Telecommunications Fund pursuant to Conn. Gen State. Sec. 28-24(b) and Sec. 28-30a(c).
Budget reasonableness	Connecticut has a competitively-bid Master Agreement with a vendor, Fibertech, to provide the necessary build-out of the fiber backbone and laterals. This assures the State that the most cost-effective means of development is in use, as required by State Statute. Our current estimates of the costs required to deliver the services to Community



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	<p>Anchor Institutions now served through the Connecticut Education Network shows significant savings over the prices the State now pays to deliver services to the public education institutions and libraries in the covered area. The same is true of the Public Safety sites that will be added by this project, ensuring that the money spent enhances the safety of the public at a far lower cost than would otherwise be possible.</p> <p>In addition, a competitively-bid Master Agreement with ePlus, an authorized seller of Cisco equipment, will provide the necessary telecommunications equipment.</p> <p>Both of these Master Agreements provide deep discounts from the standard industry discount, ensuring that this project will be accomplished at the lowest possible cost.</p> <p>Both vendors have been working with Connecticut for a number of years and are familiar with both our territory and procedures, ensuring a quick start and a seamless integration with existing infrastructure.</p>
Demonstration of need	<p>The proposed projects included in this Application will not be implemented without the access to federal grant assistance through the broadband stimulus funds. The State of Connecticut is currently experiencing a significant financial crisis as demonstrated by a projected eight billion dollar deficit within the two fiscal years. Financial estimates show that the loss of income tax and business tax dollars will not lessen in the near future. The Governor has determined that only "emergency spending" will be allowed for the duration of the budget crisis.</p> <p>Prior to the current fiscal situation, both the CEN and CPSSDN projects were rejected for General Fund or Bond Fund support. These projects cannot be supported by State or Local funds sources and will not be accomplished without Stimulus Funds.</p>

Funds to States/Territories

States	Amount of Federal Grant Request
Connecticut	93,855,029



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Funds to States/Territories Total: \$93,855,029

J. Historical Financials

Matching Funds			
	2007	2008	2009
Revenue	20,566,348	20,566,348	24,736,247
Expenditures	24,559,110	24,559,110	20,296,847
Net Assets	0	0	0
Change in Net Assets from Prior Year	0	0	0
Bond Rating (if applicable)			

K. Project Readiness

BTOP Organizational Readiness

The Departments of Information Technology and Public Safety are fully prepared to initiate work as soon as funds are available. Governor M. Jodi Rell has established by Executive Order Number 32, dated August 10, 2009, a Broadband Review Panel to evaluate projects within the State of Connecticut, providing Executive-level leadership and prioritization, which supports this effort.

The Department of Information Technology has developed a highly-structured project management environment under a System Development Methodology. Both the Connecticut Education Network (CEN) and Connecticut Public Safety Services Data Network (CPSSDN) projects will be managed through this process. The CEN project will be administered by a highly-qualified team which has been in place since the early days of the effort, ensuring both continuity and the highest levels of professionalism. John Vittner, now the State's Chief Technology Officer, has been involved in CEN planning, development and operation since 2000. Robin Brown, the Senior Network Engineer, has been responsible for technical development and operations since 2003.



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The CPSSDN project will continue to be managed by the The Office of Statewide Emergency Telecommunications (OSET), within Connecticut’s Department of Public Safety. Steve Verbil, currently serving as the Interim Director of OSET, has over 20 years of technical and managerial experience in the design, development, implementation, integration, operation, user training, testing, and maintenance of critical communications and data systems.

Gerald F. Werner, currently the CPSSDN Project Manager, has been involved in the planning of the project. He is a Networking Consultant and Project Manager with over 15 years of experience designing, implementing and managing multiple diverse voice and data networking infrastructure projects. He has held many positions in the Information Technology field in both the public and private sectors over his career including Technical Field Engineer, Implementation Lead, Network Services Manager and Director of Technology Services.

Both CEN and the CPSSDN projects are supported by the technical staff at the Connecticut Department of Information Technology. Two technical staff members will have critical roles to play. Germain Blais developed and implemented the State Of Connecticut Enterprise Network consisting of 76 State Agencies with over 1000 Cisco Routers and Switches and over 50,000 IP nodes. He has over thirty years of networking experience with the State responsible for high level planning and problem resolution. Jacques Cassella is responsible for the design, implementation and troubleshooting of highly-complex networking and security infrastructures in the State Data Center in East Hartford, supporting Single Sign On, Intranet (LAN) Switch Block Internet Filtering, Enterprise load balancing, Graphical Information Systems and Messaging (POP and Exchange) Environment.

Construction and Vendor Contracts

The State of Connecticut has a Master Agreement with Fibertech signed 9/6/01. Fibertech has provided all estimates for fiber installation required for the Application and stands ready to completed the project as planned. A copy of the Fibertech Master Agreement is provided in the Uploads Section.

The State also has a contract with ePlus, a Value Added Reseller (VAR) for Cisco products, based on a competitive bidding process. Through negotiations with Cisco, ePlus has been able to extend to the State significant savings over normal contract prices for the ARRA project.

Customer Base



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Submitted Date: 3/26/2010 3:23:51 PM	Easygrants ID: 7356
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The Connecticut Public Safety Network is currently deploying fiber in its Phase 1 effort, and not yet providing services to public safety customers. The Connecticut Education Network provides internet access to 340 entities, including K-12 public and private schools, community colleges and libraries. All proposed services will be managed by the State of Connecticut, except for "break/fix" on the fiber itself. All switching equipment will be owned by the State and maintained by State employees with extensive experience in the equipment specified.

Licenses, Regulatory Approvals and Agreements

The State of Connecticut will be leasing fiber from Fibertech to complete the connections to the customers identified in the Application. The State has a Master Agreement with Fibertech for such leases. The Master Agreement was the result of a competitive procurement process, as required by Connecticut law. No other licenses or regulatory approval are required. A copy of the Master Agreement is enclosed in the Uploads section.

SPIN Number

NA

L. Environmental Questionnaire

Project Description

No construction will be performed in this project.

Property Changes

No property will be cleared, excavated, fenced, or otherwise disturbed by the project.

Buildings

No buildings or other structures (i.e., transmission facilities) will be constructed or modified.

Wetlands



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No wetlands are present on or near the project site(s).

Critical Habitats

No project site(s) will directly or indirectly affect any threatened, endangered or candidate species or is within or near critical habitats.

Floodplain

No project facility(ies) or site(s) are located within a 100 or 500-year floodplain.

Protected Land

No cultural resources, including historic properties, i.e., properties listed in or eligible for listing in the National Register of Historic Places, are located in or within a one-mile radius of the project area.

Coastal Area

The project is not within the boundaries of a coastal zone management area (CZMA).

Brownfield

The project is not located within a brownfield site.



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Uploads

The following pages contain the following uploads provided by the applicant:

Upload Name	File Name	Uploaded By	Uploaded Date
Service Offerings and Competitor Data	CCI Service Offerings and Competitor Data Attachment Final.xls	Krochmalny, Michael	03/26/2010
Network Diagram	CCI Network Diagram Attachment--Connecticut.pdf	Krochmalny, Michael	03/26/2010
Build Out Timeline	CCI Project Plan and Build-Out Timeline Attachment Final.doc	Krochmalny, Michael	03/26/2010
List of Community Anchors and Points of Interest	CCI Anchor Institution and Network Points of Interest Detail Final.xls	Krochmalny, Michael	03/26/2010
Management Team Resumes and Organization Chart	CCI Management Team and Organization Chart Attachment.doc	Krochmalny, Michael	03/26/2010
Management Team Resumes and Organization Chart	Management Team Resumes 3 23 10.pdf	Krochmalny, Michael	03/26/2010
Government and Key Partnerships	Public Safety Letter of Commitment.pdf	Krochmalny, Michael	03/26/2010



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Historical Financial Statements	CCI Historical Financial Statements Attachment.doc	Krochmalny, Michael	03/26/2010
Historical Financial Statements	Final 3-9 CEN Round 2 - Historical Financial Stmts.xls	Krochmalny, Michael	03/26/2010
Historical Financial Statements	Final 3-9 DPS Round 2 - Historical Financial Stmts.xls	Krochmalny, Michael	03/26/2010
Budget Narrative	CCI Budget Narrative Attachment Final.doc	Krochmalny, Michael	03/26/2010
Detailed Budget	CCI Detailed Budget Final.xls	Krochmalny, Michael	03/26/2010
Pro-forma Forecast	Final 3-16 CEN - CCI Pro Forma Financial Projections.xls	Krochmalny, Michael	03/26/2010
Pro-forma Forecast	Final 3-22 DPS - CCI Pro Forma Financial Projections.xls	Krochmalny, Michael	03/26/2010
Pro-forma Forecast	Final 3-22 POP2 - CCI Pro Forma Financial Projections.xls	Krochmalny, Michael	03/26/2010



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Subscriber Estimates	CCI Subscriber Estimates Attachment Final.xls	Krochmalny, Michael	03/26/2010
Dashboard Metrics	CCI Key Metrics Dashboard Attachment Final.doc	Krochmalny, Michael	03/26/2010
Service Area Data	BTOP CCI Service Area Template--Connecticut.xls	Krochmalny, Michael	03/26/2010
Network Maps	BTOP R2 Map w-Sites 20100324r1.pdf	Krochmalny, Michael	03/26/2010
BTOP Certifications	Certification and Authorization Attachment Final.pdf	Krochmalny, Michael	03/26/2010
SF-424 C and D	Final 424c completed document.pdf	Krochmalny, Michael	03/26/2010
SF-424 C and D	CCI SF-424D.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Public Safety Letter of Commitment.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	CT Community College Support Letter.pdf	Krochmalny, Michael	03/24/2010
Supplemental Information	CPTV Support Letter.pdf	Krochmalny, Michael	03/24/2010



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Supplemental Information	State Library Support Letter.pdf	Krochmalny, Michael	03/24/2010
Supplemental Information	Department of Labor Letter of Support.pdf	Krochmalny, Michael	03/24/2010
Supplemental Information	Quinebaug Letter of Support.pdf	Krochmalny, Michael	03/24/2010
Supplemental Information	NWCommunity College Support Letter.pdf	Krochmalny, Michael	03/24/2010
Supplemental Information	Beekley Library Letter of Support.pdf	Krochmalny, Michael	03/25/2010
Supplemental Information	Brookfield letter of support.pdf	Krochmalny, Michael	03/25/2010
Supplemental Information	Fibertech Support Letter doc.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Fibertech B-00-021 MA 9.6.01 Lease Agreement.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Burnham Library Letter of Support.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Enfield Library Support Letter.pdf	Krochmalny, Michael	03/26/2010



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Supplemental Information	Groton Library Support Letter.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Killingworth Library Letter of Support.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Management Team Resumes 3 23 10.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Morris Library Letter of Support.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Organization Chart State of Connecticut Stimulus Program.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	BTOP R2 Supporting Bill of Materials Breakout.xls	Krochmalny, Michael	03/26/2010
Supplemental Information	Support Letters from 4 Charter Schools.pdf	Krochmalny, Michael	03/26/2010
Supplemental Information	Office of Policy and Management Commitment Letter.pdf	Krochmalny, Michael	03/26/2010