



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

---

## 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



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

## A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
<b>DUNS Number</b>	809929821
<b>CCR # (CAGE)</b>	5QF01
<b>Legal Business Name</b>	FINANCE, OKLAHOMA OFFICE OF STATE
<b>Point of Contact (POC)</b>	STEVE L. FUNCK 4055213231 Ext. Steve.Funck@osf.ok.gov
<b>Alternate POC</b>	BRENDA BOLANDER 4055216162 Ext. Brenda.Bolander@osf.ok.gov
<b>Electronic Business POC</b>	STEVE L. FUNCK 4055212141 Ext. Steve.Funck@osf.ok.gov
<b>Alternate Electronic Business POC</b>	BRENDA BOLANDER 4055212141 Ext. Brenda.Bolander@osf.ok.gov

Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
<b>Prefix</b>	Mr.
<b>First Name</b>	Joseph
<b>Middle Name</b>	
<b>Last Name</b>	Fleckinger
<b>Suffix</b>	
<b>Telephone Number</b>	405-522-4026



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

<b>Fax Number</b>	
<b>Email</b>	jfleckinger@osf.ok.gov
<b>Title</b>	Deputy Director Information Technology

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Mr. Kurt , Snodgrass	4052259185	ksnodgrass@osrhe.edu

**Environmental Point of Contact**

Prefix: Mr. Name: Gatz, Tim Suffix: Telephone Number: 4055226000 Title: Director of Capital Programs
------------------------------------------------------------------------------------------------------------------

**Organization Classification**

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

**Authorized Organizational Representative**

<b>AOR Name</b>	L., STEVE
-----------------	-----------



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

<b>Result</b>	Applicant Authorized
---------------	----------------------

**Project Title and Project Description**

**Project Title:** Oklahoma Community Anchor Network (OCAN)

**Project Description:** The Oklahoma Community Anchor Network (OCAN) is a collaborative partnership between private and public entities committed to expansion of the state’s existing infrastructure. This proposal will implement a fiber backbone extending over 1000 miles and connect community colleges, health care and public safety facilities. OCAN will provide middle-mile infrastructure to support last-mile projects.

**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.
6. This project will deploy Middle Mile broadband infrastructure and either includes a Last Mile infrastructure component in unserved or underserved areas or has received commitments from one or more Last Mile broadband service providers to utilize the Middle Mile components. Any Last Mile components in rural areas do not exceed 20% of the total eligible costs of the project.
7. This project will deploy Middle Mile broadband infrastructure and the applicant has proposed to contribute 30 percent or more in non-federal cost match.

**Comprehensive Community Infrastructure Components**

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



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Middle Mile

**BIP Applicants**

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

- 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?

- Yes

Easygrants ID	Project Title
5180	Library PCC Upgrade

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

This middle-mile CCI project is expanding the Oklahoma Fiber Optic network into underserved and unserved areas of the state. This project will afford broadband services to libraries currently unserved and increased bandwidth to those libraries with limited services.

**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



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

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:

<b>Name</b>	<b>Title</b>	<b>Employer</b>

## **B. Executive Summary, Project Purpose and Benefits**

### **Essay Question**

**Executive Summary of the proposed project:**

Oklahoma Community Access Network (OCAN)  
Executive Summary

The Oklahoma Community Access Network (OCAN) proposal presents an unprecedented opportunity for Oklahoma to meet the demands of life in the 21st century. Easy and reliable access to technology for Oklahomans to travel along the information highway is as essential in today's world as the construction of rail was to Oklahoma's settlement.

Oklahoma is still a young state of nearly 103 years. Its very name is reflective of its Indian heritage as Oklahoma is a Choctaw word meaning Red People. Oklahoma is the 20th largest state in the nation with a population of just over 3.5 million people. Sixty percent of the population resides in the two metropolitan areas of Tulsa and Oklahoma City. The remaining forty percent are spread across the state in communities ranging in size from a few hundred people to 25,000. Rich in native culture, Oklahoma was originally created as Indian Territory by the federal government where tribal nations from across the country were forced to relocate in the 1800's. Their resilience and perseverance have resulted in a tapestry of languages and cultures represented by 38 federally recognized and sovereign tribes. The history and development of Oklahoma reflects the spirit of its people from American Indians to Sooners who jumped the land run to freed slaves who formed all black communities—their were tales of



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

“fortitude and fearlessness, of innovation and ingenuity, of family and unflagging faith in light of hardships” in the words of Governor Brad Henry.

The Dust Bowl image of Oklahoma is a distant memory. Biotech startups and nanotechnology are revolutionizing how Oklahoma views itself and the world beyond. Medical breakthroughs spurred by Oklahoma research institutions are changing the face of medicine and saving lives. Information technology, aviation and aerospace are accelerating change while renewable energy create potential for new jobs in rural Oklahoma. These new industries and others have joined Oklahoma’s great economic drivers of oil, natural gas and agriculture. The action plan for Oklahoma’s future is focused squarely on today’s knowledge-based economy requiring highly educated, technology proficient Oklahomans who can access and use investments in technology infrastructure to their benefit.

A state with inadequate broadband capacity means its citizens are at a disadvantage. Economic development, educational, public health and safety services depend upon the ability to communicate. With Oklahoma’s significant rural base across a geographically large area, access to broadband is the key to growth and prosperity. Creating access to basic services through technology means Oklahomans in the most remote areas of the state can be in contact with public service providers, can access distant learning and health care services and can communicate with their government and one another more readily.

OCAN’s proposal seeks to build 1, 005 miles of new middle-mile fiber infrastructure to connect 32 anchor institutions in underserved and unserved areas of the state where a broadband penetration rate barely reaches 25% in some cases.

The fiber route selected touches 35 of Oklahoma’s 77 counties, approximately 89% of the state’s population, and is on state highway right-of-way. Within five miles of the proposed fiber build are 1,096 schools, libraries, medical or health care providers, public safety entities, community colleges, institutions of higher education, along with other community support organizations and government facilities. OCAN’s middle-mile infrastructure will support a variety of last-mile projects of particular interest to private sector providers who along with local, state and tribal entities have voiced their support for the project’s goals. OCAN’s impact, as additional fiber connections are constructed, will mean unprecedented access to essential services for rural Oklahomans.



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

A number of state agencies own, manage and maintain telecommunications infrastructures, both wireless and wireline to include the Oklahoma State Regents for Higher Education, Office of State Finance, Oklahoma Department of Transportation, and the Oklahoma Turnpike Authority who have worked for over a year to provide a foundation for OCAN’S application. OCAN’s grant request is \$73,998,268 with a proposed cash and in-kind match of 33.2%. OCAN’s proposal will leverage existing state assets with federal funding to address the great disparity in broadband access between urban and rural areas of Oklahoma.

OCAN principals have more than thirty decades of experience developing and sustaining public/private partnerships with broadband and telecommunications providers. It is the goal of the OCAN proposal to expand its partnerships with the commercial provider community to provide broadband to all areas of the state in the most cost-effective and efficient manner possible. In addition to the private providers mentioned specifically in the application, other partnerships are being pursued and will continue following the submission of this application. It is anticipated that 863 jobs will be created as a result of this project.

Oklahoma remains largely a rural state throughout most of its seventy-seven counties where access to broadband is limited. The OCAN application will create unprecedented opportunities to expand education, health, and public safety services, create new partnerships among local, state and tribal governments and the private sector, foster job growth and development, and be a catalyst for Oklahoma’s continued competitiveness in a knowledge based economy.

**Project purpose:**

The purpose of the Oklahoma Community Anchor Network (OCAN) is to extend broadband and advanced network services and offerings to 32 community anchor institutions both directly and through targeted public/private partnerships. Community anchor institutions which will have direct connectivity include community colleges, universities, hospitals, public safety organizations, and libraries. More importantly, OCAN will provide a key middle mile infrastructure that will include multiple interconnection points for private providers to utilize for last mile services. This will ultimately provide fiber assets that can be leveraged to expand broadband to commercial and residential communities along the targeted route and increase Oklahoma’s competitiveness in the Internet-driven, global economy.

OCAN is comprised of key state agency partnerships that have collaborated to leverage individual and unique assets and expertise. The Oklahoma Office of State Finance, the





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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Oklahoma Department of Transportation and the Oklahoma State Regents for Higher Education have recognized the need to increase broadband to execute their respective missions. In addition, OneNet, an operational division of the Oklahoma State Regents for Higher Education and Oklahoma’s official telecommunications network, brings to the project the ability to extend its current Dedicated Internet Access (DIA) as well as advanced network services, such as Internet2 and the National LambdaRail, to community anchors throughout the state.

Recognizing President Obama’s mission to expand broadband across the nation to build a foundation of sustained economic growth, OCAN is Oklahoma’s lead for establishing the state’s national fiber footprint. This footprint will bring parity to those in underserved areas dramatically improving opportunities for professional, personal and economic growth. This multi-faceted proposal will promote the growth of intellectual capital in rural and underserved areas of the state, foster economic development, stimulate research opportunities and support efforts to cultivate and commercialize renewable energy resources and alternative fuels.

OCAN’s anchor institutions, 19 public community college and university sites along the fiber route, will provide over 50,000 students with expanded broadband capabilities to more effectively support distance learning applications and rich media applications. Oklahoma has a 30-year legacy of delivering courses and programs via distance learning and continues to leverage technology to provide access to these educational opportunities. In the 2008 academic year, over 550,000 credit hours were delivered over OneNet, illustrating the growing demand for this type of course delivery in Oklahoma higher education. The growth and popularity of distance learning, however, has brought to light the insufficiencies in existing leased infrastructure. The increased level of bandwidth demands placed on the existing infrastructure in rural and remote areas of the state have created significant network choke points that are currently unavoidable and problematic for some distance learning technologies. Through OCAN, the state will strategically provide a broadband middle mile infrastructure capable of increasing capacity from 1.5 Mbps to 1 or 10 Gigabits – clearly demonstrating meaningful increases in capabilities for both the public and private sector.

The middle mile design of OCAN is unique. It proposes to leverage state-owned rights of way and existing fiber assets, harness capabilities of multiple state agencies, limit the environmental impact of the project and maximize the number of community anchors to be reached. Further OCAN proposes to leverage BTOP funding from Round 1 awarded to Pine Telephone (COMPANY?). Through a public/private partnership, OCAN will work closely with Pine



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Telephone to exchange 107 miles of fiber assets in an effort to extend services to the remote areas of southeastern Oklahoma. This partnership will enable OCAN to avoid duplication of infrastructure and assure that the federal funding is maximized. Discussions with other commercial telecommunications providers have been positive and it is anticipated more partnerships will be formed than identified in this initial application. Under the project, OCAN will assure that all infrastructure made possible through this targeted funding will embody the NOFA’s directive of non-discrimination and open access. This will be made expressly clear through explicit language in all Irrevocable Right of Use (IRU) agreements.

In addition to connecting key anchor institutions in rural Oklahoma, OCAN will also meet additional statutory purposes through the provision of immediate access to the services through the community anchors with which it connects. It is anticipated that once these community anchors are connected, programs designed to increase the adoption of broadband under BTOP can be more readily supported and enhanced further leveraging the statutory requirements.

Without vital funding for broadband infrastructure through the American Recovery and Reinvestment Act, Oklahoma’s governmental entities and the local telecommunications providers would be unable to extend broadband to the underserved areas of the state. With the requested funding, infrastructure can be constructed to support the missions of the anchor institutions and stimulate Oklahoma’s economy through the expansion of broadband within the commercial and residential sectors of the state.

**Recovery Act and Other Governmental Collaboration:**

The Telecommunications Infrastructure Steering Committee was formed prior to the passage of ARRA to create a strategic framework for the installation of government broadband infrastructure in Oklahoma. Following the passage of the Recovery Act, the Committee was expanded into the Oklahoma Broadband Working Group under the direction of Secretary of State, Susan Savage, with participation from additional state agencies, local and tribal governments and private industry. The Group’s mission for over a year has been to develop a comprehensive broadband vision, adopting the initial goals of the Committee, which has culminated in the development of the Oklahoma Community Anchor Network (OCAN) proposal.

Oklahoma has aggressively pursued Recovery Act opportunities, many of which support and complement the OCAN proposal. The Oklahoma Department of Transportation (ODOT) has



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

taken a lead role, statewide and nationally, in ARRA funds received and expended. To date, ODOT has received and obligated \$433,749,100 and expended \$230,533,356. Improving the state and local governments' highway infrastructure through ARRA funding has enabled the state to further leverage those improvements to map a broadband fiber route in support of the OCAN proposal.

The State Department of Education has developed a comprehensive plan to enhance education in Oklahoma by applying for funding through other ARRA opportunities. These opportunities include: Statewide Data Program, Teacher Incentives Program, Race to the Top, as well as Entitlement Funds, many of which are dependent upon a reliable statewide broadband infrastructure.

ARRA funding for workforce development programs for veterans, the disabled, and youth have provided resources for the retraining and reemployment of workers in many of Oklahoma's most rural communities. Enhanced access to distance learning and training opportunities is key to continuing these initiatives.

The Oklahoma Department of Libraries submitted a Public Computing Center application to NTIA on March 15, 2010. The Department of Libraries and the OCAN proposal have been developed simultaneously and in collaboration to create economies of scale and to leverage the state's assets. If funded, OCAN will bring direct connectivity to many of these Public Computing Centers.

Oklahoma was recently awarded an ARRA broadband mapping and planning grant to develop the underlying technical information to better plan for the continued expansion of essential broadband infrastructure. That work is currently underway and will support the specific goals of the OCAN proposal.

The Oklahoma Community Anchor Network has developed an achievable, scalable approach to expanding broadband infrastructure in Oklahoma, consistent with the comprehensive goals of ARRA. If successful, this application will lay the foundation needed for significantly improving the quality of life for the citizens of Oklahoma.

**Fit with BTOP CCI Priorities:**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

This OCAN application meets, and in many cases exceeds, the objectives outlined in the seven CCI priorities. If funded, OCAN will comprehensively achieve the goals set forth by NTIA.

1) This project will deploy 1,005 miles of Middle Mile broadband infrastructure and enter into an IRU for an additional 107 miles. This network will initially connect 32 community anchor institutions (CAI) directly to the OCAN fiber backbone and will potentially connect many more. As outlined in section 18, the 32 CAIs include 12 community colleges, 9 universities, 7 hospitals, 3 public safety organizations, and a library. These CAIs were strategically selected because they have a critical need for substantially upgraded service, are generally in underserved and/or economically disadvantaged areas, and are in the closest proximity to the proposed OCAN infrastructure. Through reinvested earnings, 10 additional CAIs will be directly connected annually in years 4-8. At least three Last Mile service providers will initially utilize the OCAN backbone. These providers will connect additional CAIs as well as residential and business customers. Based on conversations with other Last Mile providers in the proposed funded service area (PFSA), it is expected that many of these providers will utilize the OCAN network to connect many more of the 1,154 CAIs that could be serviced by this Middle Mile infrastructure. Finally, the new infrastructure will improve service to approximately 1,000 CAIs currently serviced by the state's existing network. In many cases, the leased lines within the existing network do not have redundant routes to protect from isolated network outages. This OCAN proposal provides that redundancy, thereby improving service to these existing community anchor clients.

2) The OCAN project incorporates public-private partnerships to successfully achieve a comprehensive community approach. Included in these partnerships are three government agencies, for-profit entities, and numerous key community stakeholders. As explained in section 8, the three government agencies each bring a unique and necessary skill set to this project. OSF has the skill set and internal systems to meet the NTIA's reporting and compliance requirements in addition to its project management experience. OneNet has strong existing relationships and a proven service track record with CAIs across the state, as well as a legislative mandate to service these types of entities. ODOT has the engineering and construction management expertise to oversee the fiber installation along its right-of-ways. One of the Last Mile providers who will utilize the OCAN Middle Mile fiber is Pine Telephone. By using the OCAN network, Pine will more effectively and economically execute its \$9.5MM Round 1 (BIP) Last Mile project award. Although they are not considered key partners, the 32 initial direct-connect CAIs are an important and integral part of this proposal.

3) Included in the PFSA of this project are 43 counties. Of these, 36 are considered economically distressed areas based on the low per capita income and high unemployment rates



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

experienced in these areas. A map depicting these demographics has been uploaded as supplemental materials.

4) A primary purpose of this application is to directly connect community colleges so that they can receive substantially improved access to broadband services. This proposal will directly connect every community college and university within 5 miles of the OCAN backbone. Many of these institutions have been severely limited in their ability to provide competitive educational offerings due to restrictions on the speed and/or amount of internet connectivity currently available. These colleges and universities are located outside metropolitan areas and are most in need of broadband services that will allow them to offer distance learning and media rich educational programs.

5) Through this proposal, three public safety entities will initially be connected to the Middle Mile infrastructure. They include two DPS Highway Patrol Troop Headquarter sites and the state’s CLEET (Council on Law Enforcement Education and Training) location. Getting improved service to these locations is critical and bears a direct impact on providing public safety to Oklahoma citizens. Additional public safety entities will be connected in future years through reinvestment of positive cash flow from the project.

6) Last Mile providers are an integral part of this proposal. Initially, three providers utilize the proposed OCAN network. They are located primarily in the southeast portion of the state in areas that are largely underserved. These for-profit companies will provide residential, business, and other customers with new and improved service at reasonable rates. One of these providers, Pine Telephone, will utilize OCAN to help execute its Round 1 Last Mile project. Pine is also applying for funding under Round 2, and that proposed project would also benefit from the OCAN network. A number of additional Last Mile providers have expressed an interest in and need to connect to the OCAN Middle Mile backbone. Due to extreme time constraints, however, they were unable to make a final commitment in time for this application’s deadline. Although not included as part of this proposal, their needs are real and have therefore been included in the financial projections where future IRUs are shown.

7) The total project cost for this Middle Mile broadband infrastructure proposal is \$110,759,631. The grant request is for \$73,998,268, or 66.8% of the project costs. The remaining \$36,761,363 is being contributed through a combination of cash and in-kind matches from the three government agency partners mentioned above. This represents 33.2% of the total project cost which significantly exceeds the 20% requirement and also surpasses the stated preference for a 30% contribution level.

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



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

- 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:

Project Role: Sub-recipient Name: Gatz, Tim Phone: 4055226000 Email: tgatz@odot.org Address 1: 200 N.E. 21st Street Address 2: Address 3: City: Oklahoma City State: Oklahoma Zip Code: 73105 Organization: Oklahoma Department of Transportation Organization Type: State or State Agency Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Sub-recipient Name: Snodgrass, Kurt Phone: 4052259444





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Email: kurt@onenet.net  
 Address 1: 655 Research Parkway  
 Address 2:  
 Address 3:  
 City: Oklahoma City  
 State: Oklahoma  
 Zip Code: 73105  
 Organization: OneNet  
 Organization Type: State or State Agency  
 Small business: No  
 Socially and economically disadvantaged small business concern: No

Project Role: Other  
 Name: Fleckinger, Joseph  
 Phone: 4055224026  
 Email: jfleckinger@osf.ok.gov  
 Address 1: 2209 N Central  
 Address 2:  
 Address 3:  
 City: Oklahoma City  
 State: Oklahoma  
 Zip Code: 73105  
 Organization: Oklahoma Office of State Finance  
 Organization Type: State or State Agency  
 Small business: No  
 Socially and economically disadvantaged small business concern: No

Project Role: Other  
 Name: Johnson, Glen  
 Phone: 4052259100  
 Email: gjohnson@osrhe.edu  
 Address 1: 655 Research Parkway, Suite 200  
 Address 2:  
 Address 3:  
 City: Oklahoma City  
 State: Oklahoma  
 Zip Code: 73104  
 Organization: Oklahoma State Regents for Higher Education  
 Organization Type: State or State Agency  
 Small business: No  
 Socially and economically disadvantaged small business concern: No



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

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

The purpose of the Oklahoma Community Anchor Network (OCAN) is to extend broadband and advanced network services and offerings to 32 community anchor institutions both directly and through targeted public/private partnerships. Community anchor institutions which will directly benefit from OCAN include community colleges, universities, hospitals and public safety organizations. The key partners in the implementation of OCAN are as follows:

Oklahoma Department of Transportation  
200 N.E. 21st Street  
Oklahoma City, Oklahoma 73105

State Government  
Tim Gatz  
Director of Capital Programs and Information Systems  
405-522-6000

The mission of the Oklahoma Department of Transportation (ODOT) is to provide a safe, economical and effective transportation network for the people, commerce and communities of Oklahoma. With 2,300 employees statewide, coordination of transportation projects and safety is paramount. Currently, ODOT has 3 Field Division Headquarters that only have 1.54 mbps and 12 county maintenance facilities that have DSL or 56kbps speeds. Connection to the Fiber Backbone would greatly enhance ODOT's capability to do their work with efficiency as well as save money with greater communications. ODOT's contribution will be providing engineering services for OCAN, and providing access to highway right-of-ways for the Fiber Backbone and construction management for the State.

Oklahoma State Regents for Higher Education  
655 Research Parkway, Suite 200  
Oklahoma City, Oklahoma 73104  
State Government  
Glen Johnson  
Chancellor  
405-225-9100





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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

The State Regents are the coordinating board of control for all institutions in the State System of Higher Education and prescribe academic standards of higher education, determine functions and courses of study at state colleges and universities, grant degrees, and approve each public college's and university's allocations, as well as tuition and fees within the limits set by the Oklahoma Legislature. The State Regents also maintain oversight of OneNet, Oklahoma's official telecommunications network for education and government.

OneNet  
655 Research Parkway, Suite 150  
Oklahoma City, Oklahoma 73105

State Government  
Kurt A. Snodgrass  
Vice Chancellor for IT & Telecommunications  
405-225-9444

OneNet, Oklahoma's official telecommunications and information network for education and government, is an operational division of the Oklahoma State Regents for Higher Education operated in cooperation with the Office of State Finance. It became operational in 1996 – evolving from the statewide microwave-based talk-back television system established and operated by the State Regents from 1971 to the mid-1980s. OneNet currently provides high-speed telecommunications connectivity to more than 1,800 constituents statewide including, but not limited to, public schools; vocational-technical schools; colleges and universities; courts; libraries; and local, county, state, tribal, and federal government agencies throughout Oklahoma. Built upon an advanced research network core and 42 hub sites throughout the state, OneNet is the primary gateway to the Internet for educational and governmental institutions within Oklahoma.

Office of State Finance  
2300 N. Lincoln, Suite 123  
Oklahoma City, Oklahoma 73105

State Government  
Michael Clingman



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Director  
405-522-0012

The Office of State Finance (OSF) is responsible for producing the Governor’s Executive Budget and the Comprehensive Annual Financial Report, partnering in the implementation of the State of Oklahoma’s Integrated Central Financial System (CORE), establishing fiscal policies and processing the State’s financial transactions, including payroll, vendor payments and federal aid; and managing OK.gov, the State’s Internet portal and the State’s transparency site.

OSF maintains and operates the state’s Central and Management Information System (CORE). This system will be used for accounting for all grant funds, project cost, customer billing, preparing monthly and annual financial reports for NTIA and partners. OSF will contribute as in-kind match the cost to set up the system to process all grant and operating transactions. The OSF accounting department will be responsible for ongoing accounting and reporting activities.

Information Services Division  
2209 North Central  
Oklahoma City, Oklahoma 73105

State Government  
Joseph M. Fleckinger  
Deputy Director of Information Technology  
and Director of ISD  
405-522-4026

The Information Services Division (ISD) is an operational division of OSF and is responsible for the State’s Data Center and Central Communication System, implementing and processing the State’s integrated financial and management information system (CORE) and managing the State Portal System. ISD is responsible for coordinating the information technology and telecommunication long-range planning through analysis of technology plans for agencies, for establishing minimum mandatory information technology and telecommunication standards and for coordinating the annual information security risk assessment and reporting the results of the state agency risk assessment. Annually, ISD receives, reviews and publishes a 1-year operating technology plan for all agencies. Additionally, the division approves acquisitions of information



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

technology and telecommunication hardware, software, services and equipment for executive branch agencies.

The ISD cabling department staff manages the outside and inside plant installation for state agencies. ISD has existing construction contracts for outside and inside plant and contracts with suppliers of fiber conduit and associated accessories. Currently, ISD provides telecommunication connectivity to 45 state agencies in the Capitol Complex in Oklahoma City and Tulsa. ISD operates the central telephone system with more than 13,000 connections and is in the process of converting the

## **D. Congressional Districts**

### **Applicant Headquarters**

- Oklahoma

### **Project Service States**

Oklahoma

### **Project Service Areas**

Oklahoma - 2

Oklahoma - 3

Oklahoma - 4

Oklahoma - 5

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

- Yes



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

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

Absentee-Shawnee Tribe of Indians of OK

Alabama-Quassarte Tribal Town

Apache Tribe of Oklahoma

Cherokee Nation

Cheyenne-Arapaho Tribes of Oklahoma

Chickasaw Nation

Choctaw Nation of Oklahoma

Citizen Potawatomi Nation

Comanche Nation

Fort Sill Apache Tribe of Oklahoma

Kialegee Tribal Town

Kickapoo Tribe of Oklahoma

Kiowa Indian Tribe of Oklahoma

Muscogee (Creek) Nation

Sac and Fox Nation of Oklahoma

Seminole Nation of Oklahoma

Thlopthlocco Tribal Town

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

➤ Yes



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

## 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:** Alfalfa  
**Rural Classification of the Last Mile Service Area:** 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:** 881  
**Total Population in Proposed Service Area:** 4,529  
**Total Number of Households in Service Area:** 2,832  
**Total Number of Businesses in Service Area:** 132  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 17  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 38,916  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 32

**Service Area Type:** Middle Mile  
**Service Area Name:** Atoka  
**Rural Classification of the Last Mile Service Area:** 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  
Submission to NTIA – Broadband Technology Opportunities Program**

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Square Miles in Service Area:** 990  
**Total Population in Proposed Service Area:** 13,058  
**Total Number of Households in Service Area:** 5,673  
**Total Number of Businesses in Service Area:** 265  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 29  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 32,735  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 33

**Service Area Type:** Middle Mile  
**Service Area Name:** Beckham  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 904  
**Total Population in Proposed Service Area:** 19,203  
**Total Number of Households in Service Area:** 8,796  
**Total Number of Businesses in Service Area:** 808  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 15  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 45,809  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 46

**Service Area Type:** Middle Mile  
**Service Area Name:** Blaine



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Rural Classification of the Last Mile Service Area:**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:** 939  
**Total Population in Proposed Service Area:** 9,858  
**Total Number of Households in Service Area:** 5,208  
**Total Number of Businesses in Service Area:** 310  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 14  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 36,983  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 37

**Service Area Type:** Middle Mile  
**Service Area Name:** Bryan  
**Rural Classification of the Last Mile Service Area:**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:** 943  
**Total Population in Proposed Service Area:** 39,133  
**Total Number of Households in Service Area:** 16,715  
**Total Number of Businesses in Service Area:** 759  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 45  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 33,070  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 38



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Type:** Middle Mile  
**Service Area Name:** Caddo  
**Rural Classification of the Last Mile Service Area:** 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:** 1,290  
**Total Population in Proposed Service Area:** 27,812  
**Total Number of Households in Service Area:** 13,096  
**Total Number of Businesses in Service Area:** 497  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 30  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 33,111  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 34

**Service Area Type:** Middle Mile  
**Service Area Name:** Canadian  
**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.**  
 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;

**Total Square Miles in Service Area:** 905  
**Total Population in Proposed Service Area:** 103,200  
**Total Number of Households in Service Area:** 33,969  
**Total Number of Businesses in Service Area:** 2,181





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

---

**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 14  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 61,195  
**Estimated Percentage of Households with Access to Broadband:** 90  
**Estimated Percentage of Households Subscribing to Broadband:** 63

---

**Service Area Type:** Middle Mile  
**Service Area Name:** Carter  
**Rural Classification of the Last Mile Service Area:** Rural  
**Service Status of the Last Mile Service Area:** Underserved

<b>If Service Status is "Underserved" please select at least one applicable option from this list.</b> 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;
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Total Square Miles in Service Area:** 834  
**Total Population in Proposed Service Area:** 46,780  
**Total Number of Households in Service Area:** 20,577  
**Total Number of Businesses in Service Area:** 1,464  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 33  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 39,360  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 42

---

**Service Area Type:** Middle Mile  
**Service Area Name:** Choctaw  
**Rural Classification of the Last Mile Service Area:** Rural  
**Service Status of the Last Mile Service Area:** Underserved

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



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

--

**Total Square Miles in Service Area:** 801  
**Total Population in Proposed Service Area:** 14,628  
**Total Number of Households in Service Area:** 7,539  
**Total Number of Businesses in Service Area:** 266  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 31  
**Unemployment Rate in the Service Area:** 8  
**Median Income in the Service Area:** 27,774  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 35

**Service Area Type:** Middle Mile  
**Service Area Name:** Cleveland  
**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.**  
 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;

**Total Square Miles in Service Area:** 558  
**Total Population in Proposed Service Area:** 230,430  
**Total Number of Households in Service Area:** 84,844  
**Total Number of Businesses in Service Area:** 5,260  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 19  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 53,950  
**Estimated Percentage of Households with Access to Broadband:** 80  
**Estimated Percentage of Households Subscribing to Broadband:** 61

**Service Area Type:** Middle Mile



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Name:** Coal  
**Rural Classification of the Last Mile Service Area:** 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:** 521  
**Total Population in Proposed Service Area:** 5,617  
**Total Number of Households in Service Area:** 2,744  
**Total Number of Businesses in Service Area:** 85  
**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:** 32,259  
**Estimated Percentage of Households with Access to Broadband:** 40  
**Estimated Percentage of Households Subscribing to Broadband:** 27

**Service Area Type:** Middle Mile  
**Service Area Name:** Comanche  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 1,084  
**Total Population in Proposed Service Area:** 101,131  
**Total Number of Households in Service Area:** 45,416  
**Total Number of Businesses in Service Area:** 2,253  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 26  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 40,589  
**Estimated Percentage of Households with Access to Broadband:** 70



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Estimated Percentage of Households Subscribing to Broadband: 54**

**Service Area Type:** Middle Mile  
**Service Area Name:** Cotton  
**Rural Classification of the Last Mile Service Area:**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: 642**  
**Total Population in Proposed Service Area: 5,988**  
**Total Number of Households in Service Area: 3,085**  
**Total Number of Businesses in Service Area: 90**  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 8**  
**Unemployment Rate in the Service Area: 5**  
**Median Income in the Service Area: 44,923**  
**Estimated Percentage of Households with Access to Broadband: 50**  
**Estimated Percentage of Households Subscribing to Broadband: 39**

**Service Area Type:** Middle Mile  
**Service Area Name:** Custer  
**Rural Classification of the Last Mile Service Area:**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.**  
 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;

**Total Square Miles in Service Area: 1,002**  
**Total Population in Proposed Service Area: 25,117**  
**Total Number of Households in Service Area: 11,675**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Number of Businesses in Service Area:** 874  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 18  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 40,013  
**Estimated Percentage of Households with Access to Broadband:** 65  
**Estimated Percentage of Households Subscribing to Broadband:** 47

**Service Area Type:** Middle Mile  
**Service Area Name:** Dewey  
**Rural Classification of the Last Mile Service Area:** 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:** 1,008  
**Total Population in Proposed Service Area:** 4,225  
**Total Number of Households in Service Area:** 2,425  
**Total Number of Businesses in Service Area:** 136  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 17  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 40,060  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 30

**Service Area Type:** Middle Mile  
**Service Area Name:** Garfield  
**Rural Classification of the Last Mile Service Area:** 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.**  
 No more than 50% of the households in the proposed funded service area have access to facilities-based,



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

terrestrial broadband service at greater than the minimum broadband transmission speed;

**Total Square Miles in Service Area:** 1,060  
**Total Population in Proposed Service Area:** 56,647  
**Total Number of Households in Service Area:** 26,047  
**Total Number of Businesses in Service Area:** 1,680  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 25  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 42,893  
**Estimated Percentage of Households with Access to Broadband:** 75  
**Estimated Percentage of Households Subscribing to Broadband:** 53

**Service Area Type:** Middle Mile  
**Service Area Name:** Grady  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 1,105  
**Total Population in Proposed Service Area:** 50,074  
**Total Number of Households in Service Area:** 19,444  
**Total Number of Businesses in Service Area:** 1,056  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 22  
**Unemployment Rate in the Service Area:** 8  
**Median Income in the Service Area:** 43,057  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 43



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Type:** Middle Mile  
**Service Area Name:** Greer  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 644  
**Total Population in Proposed Service Area:** 4,711  
**Total Number of Households in Service Area:** 2,788  
**Total Number of Businesses in Service Area:** 87  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 13  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 32,660  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 41

**Service Area Type:** Middle Mile  
**Service Area Name:** Haskell  
**Rural Classification of the Last Mile Service Area:** 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:** 625  
**Total Population in Proposed Service Area:** 11,985  
**Total Number of Households in Service Area:** 5,573  
**Total Number of Businesses in Service Area:** 231  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 19  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 34,327



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 32

**Service Area Type:** Middle Mile  
**Service Area Name:** Hughes  
**Rural Classification of the Last Mile Service Area:**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:** 815  
**Total Population in Proposed Service Area:** 12,366  
**Total Number of Households in Service Area:** 6,237  
**Total Number of Businesses in Service Area:** 236  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 16  
**Unemployment Rate in the Service Area:** 11  
**Median Income in the Service Area:** 30,932  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 34

**Service Area Type:** Middle Mile  
**Service Area Name:** Jackson  
**Rural Classification of the Last Mile Service Area:**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.**  
 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;

**Total Square Miles in Service Area:** 804  
**Total Population in Proposed Service Area:** 24,581





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Number of Households in Service Area:** 12,377  
**Total Number of Businesses in Service Area:** 556  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 21  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 39,249  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 50

**Service Area Type:** Middle Mile  
**Service Area Name:** Jefferson  
**Rural Classification of the Last Mile Service Area:** 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:** 774  
**Total Population in Proposed Service Area:** 5,843  
**Total Number of Households in Service Area:** 3,373  
**Total Number of Businesses in Service Area:** 118  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 15  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 29,596  
**Estimated Percentage of Households with Access to Broadband:** 40  
**Estimated Percentage of Households Subscribing to Broadband:** 27

**Service Area Type:** Middle Mile  
**Service Area Name:** Johnston  
**Rural Classification of the Last Mile Service Area:** 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.**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

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

**Total Square Miles in Service Area: 658**  
**Total Population in Proposed Service Area: 9,985**  
**Total Number of Households in Service Area: 4,782**  
**Total Number of Businesses in Service Area: 174**  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 20**  
**Unemployment Rate in the Service Area: 8**  
**Median Income in the Service Area: 32,393**  
**Estimated Percentage of Households with Access to Broadband: 50**  
**Estimated Percentage of Households Subscribing to Broadband: 34**

**Service Area Type:** Middle Mile  
**Service Area Name:** Kiowa  
**Rural Classification of the Last Mile Service Area:** 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: 1,031**  
**Total Population in Proposed Service Area: 9,042**  
**Total Number of Households in Service Area: 5,304**  
**Total Number of Businesses in Service Area: 222**  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 18**  
**Unemployment Rate in the Service Area: 7**  
**Median Income in the Service Area: 32,075**  
**Estimated Percentage of Households with Access to Broadband: 50**  
**Estimated Percentage of Households Subscribing to Broadband: 37**

**Service Area Type:** Middle Mile



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Name:** Latimer  
**Rural Classification of the Last Mile Service Area:** 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:** 729  
**Total Population in Proposed Service Area:** 9,840  
**Total Number of Households in Service Area:** 4,709  
**Total Number of Businesses in Service Area:** 176  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 20  
**Unemployment Rate in the Service Area:** 12  
**Median Income in the Service Area:** 34,598  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 33

**Service Area Type:** Middle Mile  
**Service Area Name:** LeFlore  
**Rural Classification of the Last Mile Service Area:** 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:** 1,608  
**Total Population in Proposed Service Area:** 48,086  
**Total Number of Households in Service Area:** 20,142  
**Total Number of Businesses in Service Area:** 770  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 77  
**Unemployment Rate in the Service Area:** 10  
**Median Income in the Service Area:** 34,394  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 37



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Type:** Middle Mile  
**Service Area Name:** Lincoln  
**Rural Classification of the Last Mile Service Area:**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:** 966  
**Total Population in Proposed Service Area:** 31,852  
**Total Number of Households in Service Area:** 13,712  
**Total Number of Businesses in Service Area:** 566  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 31  
**Unemployment Rate in the Service Area:** 8  
**Median Income in the Service Area:** 41,053  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 35

**Service Area Type:** Middle Mile  
**Service Area Name:** Love  
**Rural Classification of the Last Mile Service Area:**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:** 532  
**Total Population in Proposed Service Area:** 9,007  
**Total Number of Households in Service Area:** 4,066  
**Total Number of Businesses in Service Area:** 153



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 21  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 41,399  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 34

**Service Area Type:** Middle Mile  
**Service Area Name:** Major  
**Rural Classification of the Last Mile Service Area:** 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:** 958  
**Total Population in Proposed Service Area:** 6,959  
**Total Number of Households in Service Area:** 2,189  
**Total Number of Businesses in Service Area:** 255  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 19  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 43,895  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 33

**Service Area Type:** Middle Mile  
**Service Area Name:** Marshall  
**Rural Classification of the Last Mile Service Area:** 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  
Submission to NTIA – Broadband Technology Opportunities Program**

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Square Miles in Service Area:** 427  
**Total Population in Proposed Service Area:** 14,579  
**Total Number of Households in Service Area:** 5,427  
**Total Number of Businesses in Service Area:** 284  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 17  
**Unemployment Rate in the Service Area:** 8  
**Median Income in the Service Area:** 35,091  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 33

**Service Area Type:** Middle Mile  
**Service Area Name:** McClain  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 580  
**Total Population in Proposed Service Area:** 32,180  
**Total Number of Households in Service Area:** 8,540  
**Total Number of Businesses in Service Area:** 749  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 15  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 52,822  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 42

**Service Area Type:** Middle Mile  
**Service Area Name:** McCurtain



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Rural Classification of the Last Mile Service Area:**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:** 1,901  
**Total Population in Proposed Service Area:** 32,953  
**Total Number of Households in Service Area:** 8,517  
**Total Number of Businesses in Service Area:** 586  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 50  
**Unemployment Rate in the Service Area:** 12  
**Median Income in the Service Area:** 30,470  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 34

**Service Area Type:** Middle Mile  
**Service Area Name:** McIntosh  
**Rural Classification of the Last Mile Service Area:**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:** 712  
**Total Population in Proposed Service Area:** 19,269  
**Total Number of Households in Service Area:** 7,423  
**Total Number of Businesses in Service Area:** 376  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 19  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 30,076  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 31



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Type:** Middle Mile  
**Service Area Name:** Muskogee  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 839  
**Total Population in Proposed Service Area:** 67,706  
**Total Number of Households in Service Area:** 29,975  
**Total Number of Businesses in Service Area:** 1,589  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 29  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 34,727  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 46

**Service Area Type:** Middle Mile  
**Service Area Name:** Noble  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 742  
**Total Population in Proposed Service Area:** 10,876  
**Total Number of Households in Service Area:** 5,082  
**Total Number of Businesses in Service Area:** 194





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**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:** 42,503  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 47

**Service Area Type:** Middle Mile  
**Service Area Name:** Okfuskee  
**Rural Classification of the Last Mile Service Area:** 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:** 629  
**Total Population in Proposed Service Area:** 10,283  
**Total Number of Households in Service Area:** 5,114  
**Total Number of Businesses in Service Area:** 171  
**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:** 30,527  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 34

**Service Area Type:** Middle Mile  
**Service Area Name:** Oklahoma  
**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.**  
 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;



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

--

**Total Square Miles in Service Area:** 718  
**Total Population in Proposed Service Area:** 687,975  
**Total Number of Households in Service Area:** 295,020  
**Total Number of Businesses in Service Area:** 22,326  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 34  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 44,144  
**Estimated Percentage of Households with Access to Broadband:** 80  
**Estimated Percentage of Households Subscribing to Broadband:** 58

**Service Area Type:** Middle Mile  
**Service Area Name:** Okmulgee  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 702  
**Total Population in Proposed Service Area:** 38,138  
**Total Number of Households in Service Area:** 17,316  
**Total Number of Businesses in Service Area:** 721  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 26  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 37,460  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 43

**Service Area Type:** Middle Mile



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Name:** Pittsburg  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 1,378  
**Total Population in Proposed Service Area:** 41,913  
**Total Number of Households in Service Area:** 21,520  
**Total Number of Businesses in Service Area:** 978  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 47  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 39,722  
**Estimated Percentage of Households with Access to Broadband:** 60  
**Estimated Percentage of Households Subscribing to Broadband:** 41

**Service Area Type:** Middle Mile  
**Service Area Name:** Pontotoc  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 725  
**Total Population in Proposed Service Area:** 35,856  
**Total Number of Households in Service Area:** 15,575  
**Total Number of Businesses in Service Area:** 987  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 34  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 34,465



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Estimated Percentage of Households with Access to Broadband: 60**  
**Estimated Percentage of Households Subscribing to Broadband: 41**

**Service Area Type:** Middle Mile  
**Service Area Name:** Pottawatomie  
**Rural Classification of the Last Mile Service Area:**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.**  
 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;

**Total Square Miles in Service Area: 793**  
**Total Population in Proposed Service Area: 66,121**  
**Total Number of Households in Service Area: 27,302**  
**Total Number of Businesses in Service Area: 1,386**  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 35**  
**Unemployment Rate in the Service Area: 7**  
**Median Income in the Service Area: 42,013**  
**Estimated Percentage of Households with Access to Broadband: 60**  
**Estimated Percentage of Households Subscribing to Broadband: 45**

**Service Area Type:** Middle Mile  
**Service Area Name:** Pushmataha  
**Rural Classification of the Last Mile Service Area:**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: 1,423**  
**Total Population in Proposed Service Area: 11,461**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Number of Households in Service Area:** 5,795  
**Total Number of Businesses in Service Area:** 187  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 34  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 27,771  
**Estimated Percentage of Households with Access to Broadband:** 40  
**Estimated Percentage of Households Subscribing to Broadband:** 25

**Service Area Type:** Middle Mile  
**Service Area Name:** Roger Mills  
**Rural Classification of the Last Mile Service Area:** 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:** 1,146  
**Total Population in Proposed Service Area:** 3,357  
**Total Number of Households in Service Area:** 1,749  
**Total Number of Businesses in Service Area:** 91  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 17  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 45,159  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 32

**Service Area Type:** Middle Mile  
**Service Area Name:** Seminole  
**Rural Classification of the Last Mile Service Area:** 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.**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

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

**Total Square Miles in Service Area:** 641  
**Total Population in Proposed Service Area:** 23,618  
**Total Number of Households in Service Area:** 11,146  
**Total Number of Businesses in Service Area:** 479  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 19  
**Unemployment Rate in the Service Area:** 10  
**Median Income in the Service Area:** 31,547  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 37

**Service Area Type:** Middle Mile  
**Service Area Name:** Sequoyah  
**Rural Classification of the Last Mile Service Area:** 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:** 715  
**Total Population in Proposed Service Area:** 40,517  
**Total Number of Households in Service Area:** 16,940  
**Total Number of Businesses in Service Area:** 617  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 46  
**Unemployment Rate in the Service Area:** 10  
**Median Income in the Service Area:** 34,142  
**Estimated Percentage of Households with Access to Broadband:** 50  
**Estimated Percentage of Households Subscribing to Broadband:** 37

**Service Area Type:** Middle Mile



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Service Area Name:** Stephens  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 891  
**Total Population in Proposed Service Area:** 42,631  
**Total Number of Households in Service Area:** 19,854  
**Total Number of Businesses in Service Area:** 1,063  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 23  
**Unemployment Rate in the Service Area:** 9  
**Median Income in the Service Area:** 43,581  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 46

**Service Area Type:** Middle Mile  
**Service Area Name:** Tillman  
**Rural Classification of the Last Mile Service Area:** 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:** 879  
**Total Population in Proposed Service Area:** 7,489  
**Total Number of Households in Service Area:** 4,342  
**Total Number of Businesses in Service Area:** 156  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 8  
**Unemployment Rate in the Service Area:** 6  
**Median Income in the Service Area:** 31,463  
**Estimated Percentage of Households with Access to Broadband:** 50



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Estimated Percentage of Households Subscribing to Broadband: 39**

**Service Area Type:** Middle Mile  
**Service Area Name:** Washita  
**Rural Classification of the Last Mile Service Area:**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: 1,009**  
**Total Population in Proposed Service Area: 11,423**  
**Total Number of Households in Service Area: 5,452**  
**Total Number of Businesses in Service Area: 249**  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area: 22**  
**Unemployment Rate in the Service Area: 7**  
**Median Income in the Service Area: 41,971**  
**Estimated Percentage of Households with Access to Broadband: 50**  
**Estimated Percentage of Households Subscribing to Broadband: 38**

**Service Area Type:** Middle Mile  
**Service Area Name:** Woods  
**Rural Classification of the Last Mile Service Area:**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.**  
 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;

**Total Square Miles in Service Area: 1,290**  
**Total Population in Proposed Service Area: 7,416**  
**Total Number of Households in Service Area: 4,492**





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**Total Number of Businesses in Service Area:** 276  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 15  
**Unemployment Rate in the Service Area:** 5  
**Median Income in the Service Area:** 38,676  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 45

**Service Area Type:** Middle Mile  
**Service Area Name:** Woodward  
**Rural Classification of the Last Mile Service Area:** 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.**  
 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;

**Total Square Miles in Service Area:** 1,246  
**Total Population in Proposed Service Area:** 18,445  
**Total Number of Households in Service Area:** 8,341  
**Total Number of Businesses in Service Area:** 795  
**Total Number of Community Anchor Institutions and Public Safety Entities in Proposed Funded Service Area:** 14  
**Unemployment Rate in the Service Area:** 7  
**Median Income in the Service Area:** 49,087  
**Estimated Percentage of Households with Access to Broadband:** 70  
**Estimated Percentage of Households Subscribing to Broadband:** 50

## F. Community Anchor Summary

Community Anchor Summary	
Schools (k-12)	0



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

<b>Libraries</b>	1
<b>Medical and Healthcare Providers</b>	7
<b>Public Safety Entities</b>	3
<b>Community Colleges</b>	12
<b>Public Housing</b>	0
<b>Other Institutions of Higher Education</b>	9
<b>Other Community Support Organization</b>	0
<b>Other Government Facilities</b>	0
<b>TOTAL COMMUNITY ANCHOR INSTITUTIONS</b>	<b>32</b>
<b>Historically Black colleges and Universities</b>	0
<b>Tribal Colleges and Universities</b>	2
<b>Alaska Native Serving Institutions</b>	0
<b>Hispanic Serving Institutions</b>	0
<b>Native Hawaiian Serving Institutions</b>	0
<b>TOTAL MINORITY SERVING INSTITUTIONS</b>	<b>2</b>

## G. Project Benefits

### Demographics



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

Jobs	
How many direct jobs-years will be created from this project?	863
How many indirect jobs will be created from this project?	0
How many jobs will be induced from this project?	0

**Methodology used to estimate jobs:**

We have utilized the methodology suggested by the Council of Economic Advisors as follows:

“In estimating the job-years created by direct government spending, agencies will be asked to use the simple rule that \$92,000 creates one job-year. This procedure is somewhat crude and does not take into account the obvious differences in wages and other costs across different types of projects and across different parts of the country. It does, however, take into account the key difference between tax changes or state fiscal relief, and direct government investment spending. The rule’s key virtue is its simplicity and conservatism. Because it is derived to be consistent with the macroeconomic jobs estimates, it minimizes discrepancies between the aggregate jobs estimates and those agency by agency. Also, since the main focus of the agencies will be on actual reporting of jobs created and retained, this simple procedure minimizes the resources devoted to the early job estimation.”

**Matching Contribution Cross-check Totals**

Federal Funding Request     \$73,998,268  
 Cash Match Contribution     \$5,537,048  
 In-kind Match Contribution \$31,224,315

**Methodology for Estimating Jobs**

Direct Government Spending \$79,406,513  
 One Job Year Equivalent     \$92,000  
 Total Job Years Created     863

**Project Impact:**

The impact of the Oklahoma Community Anchor Network (OCAN) for the citizens of Oklahoma and their economy will be significant and transformational. OCAN will expand infrastructure capacity to vastly improve the delivery of educational and workforce development services, improve access to health care and public safety services. OCAN will be a catalyst for technology to position Oklahoma more competitively in the global economy. The disparity in broadband infrastructure between the urban and rural areas of the state is increasingly



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

problematic as key community anchor institutions request more bandwidth which is either not available or not affordable. The Oklahoma Community Anchor Network will directly address the demand for better access to broadband infrastructure, stimulating opportunities for advanced and expanded applications.

Under the OCAN proposal, 32 community anchor institutions will directly connect to the network. In addition to providing substantial bandwidth increases to these facilities, the design will provide numerous exchange points along the fiber path. The result will be increased access to federally funded infrastructure for numerous last mile providers throughout Oklahoma who will partner with OCAN. In addition to the 32 directly connected sites, over 1,000 additional community anchor institutions are within five miles or less of the OCAN fiber route.

Specifically, these include 240 fire stations, 7 Department of Public Safety Troop headquarters, 72 correctional sites, 137 police headquarters, 51 libraries, 24 health departments, 43 hospitals, 9 career-technical schools, 32 private schools, 443 public school sites and 15 Indian Health Service. OCAN's impact as additional fiber connections are constructed and occur will mean unprecedented access to essential educational, public health and safety services for Oklahomans, regardless of how rural their locations are.

Within the 19 public higher education sites connected to the network, over 50,000 students will have direct access to the OCAN network. Key to Oklahoma's education and workforce agenda is a focused effort to increase the number of college degree holders in the state as described in a higher education action plan entitled Reach Higher: Oklahoma's Adult Degree Completion Program launched in March 2007. This innovative program is delivered primarily through distance learning and allows working adults with at least 72 hours of college credit to earn a bachelor's degree in 15 to 18 months in a flexible and accelerated format. By removing geographic boundaries, these students can pursue the completion of their degree while retaining their local community status. The 2008 American Community Survey indicates that adults with a high school diploma earn \$24,611 on average compared to \$39,976 for those with a Bachelor's degree. An educated workforce is critical to the ability of local communities to attract new business and industry to their respective areas.

All of the 32 community anchor institutions (CAIs) are committed to OCAN. The CAIs recognize that the significant increase in broadband capacity will benefit their institutional missions and those of the state to raise the educational level of Oklahomans. Further, commercial telecommunications providers have offered enthusiasm and support for OCAN's proposal. Industry representatives have worked in partnership with the State of Oklahoma's OCAN through the Oklahoma Telephone Association to create a focused direction for the



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

proposal. Specifically, Pine Telephone in southeast Oklahoma has stated the company will enter into agreements with OCAN in an effort to exchange fiber between their network and OCAN – further increasing the reach and scope of both respective networks. This is a significant public/private partnership that will leverage and maximize the \$9.5M Round One BIP grant awarded to Pine Telephone to provide services to an entirely remote, severely economically disadvantaged community.

Along with Pine Telephone, MBO Video and Cross Telephone have jointly approached the State of Oklahoma regarding a potential partnership. The partnerships formed with these Oklahoma-based companies will be advantageous to the state in terms of broadband expansion as well as economic growth. In addition, Pioneer Telephone, an Oklahoma company operating in the northwestern and western part of the state, has expressed interest in leveraging the OCAN middle mile infrastructure and developing a partnership that would benefit their customers. The public/private partnerships developed under OCAN will afford valuable opportunities for the smaller, incumbent telecommunications providers to provide middle mile transport to larger carrier facilities and cross-connection points. By utilizing OCAN transport, these rural providers anticipate reductions in their Dedicated Internet Access (DIA) costs due to greater competition in the larger metropolitan areas. With the reductions in DIA expenses, providers can reinvest these savings into their respective networks to increase broadband access and/or capabilities.

Public health and safety are key beneficiaries of the OCAN network. Many hospitals served by OneNet, Oklahoma’s official telecommunications network for education and government and a key partner in the proposal, have contacted OneNet to expand their bandwidth from T-1s to Ethernet services. The increase in bandwidth needs is being driven by expanding telemedicine missions and online clinical technologies. The migration to electronic medical records is fueling this demand as well. It is a priority of OCAN that rural hospitals and other health care providers with limited infrastructure capacity be addressed. By leveraging broadband access and advancements in medical technology, these vulnerable hospitals can bring vital health care services to their patients and the communities they serve.

In addition to the enhancement of telemedicine, improved broadband capabilities at community anchor institutions with public computing centers will increase access to health and wellness information to the constituents they serve. This will enable Oklahomans to better manage acute and chronic diseases through more timely health information on treatment and management. It is



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

recognized that disease management is a significant tool in health care reform and health promotion.

OCAN will drastically improve the wireless communications supported and transported over the middle mile infrastructure. This will result in increased mobility, interoperability and communications within law enforcement and emergency management. Further, local commercial wireless broadband providers will have multiple points of access to expand their respective footprints in the rural areas of the state. The increased wireless capacity will benefit the citizens of the state, not only public safety use, but will address residential needs as well.

Finally, disaster recovery and business continuity are important business considerations for both public and private entities. OCAN’s 32 anchor institutions will immediately benefit from the additional bandwidth that will enable them to transport critical files and systems to data centers and other key sites throughout the state. Limitations of bandwidth have been a legitimate challenge in this regard – primarily for the larger institutions with a vast amount of data to store and protect. OCAN’s ability to interconnect with existing state assets and infrastructure will provide efficiencies and access that are paramount in the protection of mission-critical and private information.

**Vulnerable Populations:**

We consider the vulnerable population composed of the poor, the elderly, the disabled, and the isolated. Based on the Summary File 3 sample data from Census 2000, the proposed backbone service area covers a large portion of vulnerable populations:

- 37% of the households in the proposed service area lived in rental property
- 8% of the households in the proposed service area did not have a vehicle
- 17% of the population in the proposed service area had income below poverty with survey responses showing 62,960 children age 18 and under and 15,743 seniors age 65 and older living in poverty.
- 32% of the disable population in the state with survey responses showing 14,500 children 5-15 years old and 129,220 seniors 65 or older who indicated some physical or mental disabilities
- 1.5% of the households in the service area indicated no telephone communication. The percentage is representative of the state average.

**Level of Need:**





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

The Oklahoma Community Anchor Network (OCAN) proposes to deploy a fiber backbone that strategically passes through 77% of the counties in Oklahoma. It is estimated that this middle mile broadband route will be accessible to 89% of the population in Oklahoma. The OCAN proposal includes many of Oklahoma’s most rural communities that have low existing broadband penetration. Harmon and Pushmataha Counties have a penetration rate of 25%, Coal and Jefferson Counties have a rate of 27%; all of which are significantly less than the benchmark penetration rate of 50%, as specified by the NTIA. There are an additional ten counties in the proposed service area that currently have 36% to 43% broadband penetration. The remaining service areas in the OCAN proposal have penetration rates ranging from 43% to 50%, all of which fall in the underserved category.

The purpose of the Oklahoma Community Anchor Network is to improve access to education, health, and public safety services, while promoting economic development and a higher standard of living. As such, Oklahoma’s level of need is best addressed in the following four categories.

**Education:** The OCAN fiber backbone will directly connect 19 public higher education facilities and two tribal higher education facilities. Many of these higher education institutions currently lack reliable or adequate broadband access. OCAN will enable the affected community colleges and regional universities to have connections comparable to research universities. The Oklahoma Community Anchor Network will have the capacity to serve as the middle mile component that will optimize connections to public service facilities, businesses and ultimately residences in Oklahoma’s most remote areas. This improved bandwidth will facilitate distance learning, on-the-job training, and promote partnerships with local telecommunications providers. In addition, the proposed funded service area impacts 16 career technology centers, 667 public schools, 52 private schools, and 73 public libraries, primarily in rural areas.

Currently, many common and higher education sites are experiencing network congestion which substantially limits the ability to achieve their missions of teaching and training. In many cases, rural telecommunications providers do not have the ability to offer more than T-1s or DS-3s. Depending on the enrollment and size of the institution, this has proven to be inadequate. Oklahoma’s challenge is to balance the growing demand in all sectors for increased bandwidth with the costs to local providers to make infrastructure investments. OCAN provides a public/private solution that will enhance educational access for citizens and provide options for enhanced training and workforce development.

**Health:** The Oklahoma Community Anchor Network will connect directly to 7 of Oklahoma’s most rural health care facilities. This substantial upgrade in connectivity will promote the use of



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

telemedicine and Health Information Technology, thus allowing the vulnerable and remote populations throughout the state to receive vastly improved health care. The proposed service area will also impact 63 hospitals, community health clinics, and nursing homes, 17 Indian health services, and 31 county health departments.

From a national perspective, OCAN will provide the state infrastructure that will connect the state’s health care facilities to the broader National Health Information Network supported by the American Recovery and Reinvestment Act. Access to this national resource will provide Oklahoma physicians with a myriad of clinical resources and support the growth and maturation of the state’s electronic medical records (EMR) initiatives. Medical records that are more up-to-date and accessible to clinicians will significantly improve the quality of care received by Oklahoma’s patients.

**Public Safety:** Oklahoma is prone to natural disasters and often experiences several occurrences annually. It is critical that public safety officials be prepared to respond rapidly to these emergencies. Historically, the natural disasters in Oklahoma include tornadoes, floods, ice storms, grassland fires, and periods of extensive drought. Oklahoma is currently ranked third in the nation regarding the number of FEMA disaster declarations. In 2008, there were five such declarations; three in 2009; and to date, two in 2010. During these disasters, public safety workers throughout the state and region provide support. Compatible and consistent telecommunications are often problematic due to disparate radio technologies. OCAN will immediately provide the requisite bandwidth throughout rural areas of the state to support interoperable radio solutions and provide information transport for public safety’s wireless network.

The Oklahoma Community Anchor Network will ensure that public safety officers and first responders have the highest level of communication and preparedness for citizen safety. OCAN will connect directly to Oklahoma’s Council on Law Enforcement Education and Training (CLEET) Facility located in Ada and to two Highway Patrol Troop Headquarters located in rural parts of the state. Additionally, OCAN will improve access to 429 fire stations, 200 municipal police departments, and 9 division headquarters of the Department of Public Safety.

**Economic development:** Oklahoma’s economy has its roots in oil and natural gas, aerospace, manufacturing and agriculture. While these remain staples for Oklahoma’s economic base, increasingly policy leaders have directed growth incentives to drive investment to diversify opportunities in those sectors as Oklahoma shifts to a knowledge-based economy. In spite of relatively low unemployment and a strong industrial base, Oklahoma has historically been a state





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

where per capita income remains almost 20 percent below the national average. In 2004, Governor Brad Henry launched a major statewide policy initiative entitled Economic Development Generating Excellence (EDGE) to create a strategic focus for education, research, technology and innovation. Access to broadband infrastructure proposed by OCAN is as essential to Oklahoma’s future growth as has been the development of rail and roads. Connectivity achieved through OCAN will expand opportunities for renewable energies in Oklahoma such as wind and biofuels. The development of business incubators, especially in rural areas, is particularly dependent upon technology which must be accessible in order to distribute goods and services. This statewide initiative is equally vital for the agricultural industry which increasingly relies on technology for growing food and managing farming and ranching operations. OCAN’s middle mile proposal has the potential to be transformative for Oklahoma’s education system, workforce development and training, health system, and especially for the revitalization of rural areas of Oklahoma which must have improved access to broadband to be competitive and to thrive.

## H. Technology

### Technology Type

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:

A telecommunications strategy consultancy estimated broadband penetration by county using a regression analysis. The regression algorithm used available data to predict broadband penetration and identify underserved areas. Three states, Ohio, Kentucky and Tennessee, had already conducted projects documenting broadband penetration by county. Using this information, the consultants created a database compiling demographic statistics (e.g., population, households, percent of households in rural areas, median household income, etc.) and broadband penetration levels across each county within these states. After evaluating a variety of potential variables, they found a two variable linear regression using median household income



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

and the percent of urban households in an area was both best at predicting broadband penetration and highly accurate across the available data.

The analysis used population and household data from the last decennial census in 2000 and household income data from the last year available, 2007. The regression based on these data produced broadband penetration estimates for 2007. Secondary research from IDC, a market research firm, indicated that US consumer broadband penetration increased 12.6% from 2007 to until the end of August 2009 (the date of the most recent IDC estimate). Thus August 2009 broadband penetration was based on a 12.6% increase from the 2007 values derived from the regression.

The regression analysis itself had an R-squared value of 0.585, with a standard error of 0.0895. The relatively high R-squared value provides a level of confidence in the broadband penetration estimates. Broadband penetration estimates were also compared with estimates published by Connected Nation where available and found to be consistent. On average, the regression penetration estimates were slightly higher than Connected Nation's estimates, with the result that the areas they identified as underserved may be conservative.

Additionally, OneNet's 14 years of providing service to community anchor institutions in all 77 counties within Oklahoma have made the state uniquely aware of the level of broadband penetration. Of the over 1400 circuits across the state, over 1200 are T1, or 1.554Mbps and below. The locations of the circuits exceeding several megabits per second map very closely to the expectations made via estimates from the regression analysis.

**Description of Network Openness:**

As a division of the Oklahoma State Regents, operated in cooperation with the Office of State Finance, OneNet maintains operational policies consistent with the BTOP NOFA's nondiscrimination and network interconnection requirements and additionally, adhere to the principles contained in FCC 05-151. These policies are available from OneNet's website (<http://www.onenet.net>) under the 'Policies' section.

**INTERCONNECTION POLICY:** OneNet provides interconnection points at over 50 locations across Oklahoma. Currently nearly 40 telecommunication providers interconnect with OneNet's network to provide last-mile and middle-mile services to members. A number of these and new interconnection points will allow commercial wholesale participants access to network components and services such as wavelengths and dark fiber at reasonable rates and terms. In order to provide more direct interconnection between residential users and OneNet members, OneNet encourages settlement-free peering with all willing Internet service providers within



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Oklahoma especially in the facilitation of interconnect between residential and business users with anchor institutions.

**NONDISCRIMINATION POLICY:** OneNet provides Internet services to educational institutions, 501(c)(3)s, government, tribal, health and research organizations (members) in an open, non-discriminatory manner. Any member within the OneNet service area is eligible to connect at reasonable rates and terms. OneNet uses several upstream Tier 1 Internet service providers as well as several commodity peering connections that provide access to the public Internet. OneNet makes no distinction in its treatment of customer traffic based on application or content. OneNet will provide wholesale access to network components and resources at reasonable rates and terms and without discrimination.

**NETWORK MANAGEMENT POLICY:** The OneNet Internet service is based on best-effort delivery. OneNet does not use any mechanisms to allocate bandwidth preferentially to any specific class of users, applications, or sources except where requested by the member. For example, members may request quality of service settings for video services and content filtering to achieve CIPA compliance. In such cases, only the requesting member's traffic is affected. Users, peers, and providers are limited only by the physical or contractual bandwidth limitations of their connection to the network. OneNet does not restrict user's access to specific content, block the use of specific applications, or limit the type of devices that can be used to access the network. OneNet will block any traffic destined for its infrastructure by unauthorized sources and may take the appropriate action to either block or limit traffic that transits its network if, by OneNet's determination, that traffic is harmful to the recipient. OneNet will cooperate with law enforcement if notified of harmful or illegal traffic transiting its network.

**System Design:**

The OCAN proposal leverages over a thousand miles of existing infrastructure to facilitate bringing broadband to the areas of the state traditionally underserved. Current fiber assets focused on serving anchor institutions primarily in central and northeastern Oklahoma. By building or acquiring IRUs through southeastern and western areas of the state, middle-mile resources can be made available to commercial providers as well as provide the state network the ability to build on a 14 year success record meeting the broadband needs of anchor institutions within Oklahoma.



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

The current network provides services via public/private partnerships. Facilities-based portions meet the very high capacity needs of the research institutions and their requirements to reach the National LambdaRail (NLR) and Internet2. These facilities also extend to a number of metropolitan state buildings and a handful of other universities including Langston University, the state’s only historically black institution of higher education and the westernmost historically black university in the country. For most other areas of the state, OneNet relies on leased services from providers and must leverage the options made available. These typically are one or more T1 lines providing increments of 1.5Mbps and fall short of meeting the needs of anchor institutions. Fortunately, OneNet's legacy and participation with national research networks have allowed for the creation of direct fiber builds to significant points of presence for commodity Internet transit from “Tier-1” providers such as Level3 and Qwest, commodity Internet peering via NLR and Internet2, and opportunities for direct peering through regional networks such as the Great Plains Network.

OneNet's infrastructure leverages the fiber in most areas with dense wave-division multiplexing (DWDM) transport, highly resilient and flexible switching and routing hardware and a team of experienced engineers focused on serving the unique needs of researchers as well as the enterprise requirements of hospitals, public safety and public education. This proposal allows the state to build on earlier successes and expand the optical facilities, routing/switching equipment and it's longstanding relationship with numerous community anchors as well as incumbent telecommunication providers, meeting the middle-mile needs for years to come.

Although uploads of the network diagram and maps will provide the bulk of the detail, the system design extends the state's existing infrastructure through familiar processes. A combination of fiber construction along Oklahoma Department of Transportation (ODOT) rights-of-way and new IRUs will provide more than 1100 miles of an additional mixture of 48 and 96 strand fiber paths, adding or enhancing the broadband access of 32 community anchor institutions and paving the way for hundreds more through new opportunities from middle-mile interconnections. Interactions with local providers have identified “islands” of local access constrained by difficulties of reaching exchange points. A primary goal of OCAN is to build on the success of over a decade of engagement of the local providers and provide new or enhanced capacity to numerous community anchors.

The decision to build-out buried fiber is based on a number of factors. It leverages the strong relationship with ODOT as well as considers the weather conditions that seem synonymous with



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

Oklahoma. When wind is “sweeping down the plains” combined with a record for significant levels of ice, experience has proven aerial fiber and tower structures have issues. However, Oklahoma does have a strong history with wireless and in fact, OneNet maintains a significant amount of spectrum and towers that will have a role in future relationships via WiMax.

OneNet provides services statewide in all 77 counties via more than 1400 circuits through 38 active interconnections points. Over 1000 of the circuits are to K12s, hospitals, higher education, career technology centers, law enforcement, military department, tribal government, federal agencies, courts and libraries. The infrastructure is capable of providing fully routed network services as well as virtual private networking for organizations with multiple sites. The network’s exchange points currently consist of over 30Gbps of connectivity through Internet2, NLR and the Great Plains Network as well as another 13Gbps, easily upgraded to 30Gbps of commodity transit Internet through three commercial providers alternating between direct fiber connections in Tulsa and Oklahoma City. Additionally, long-term success of OneNet has attracted Arkansas’ state research and education network, ARE-ON, to establish fiber-interconnects and partner due to Oklahoma’s exchange point opportunities.

The design of OCAN provides numerous indirect benefits. A number of existing well-served CAIs currently have limited resiliency in their paths. Fiber cuts have and will continue to occur. OCAN will provide alternate paths for a number of CAIs not directly targeted within the proposal. Leveraging existing relationships with CAIs also allows minimizing building construction requirements and many potential last-mile providers have already established relationships with OCAN partners in many of the locations.

**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

## I. Project Budget

Project Budget		
	Federal Grant Request	Match
Last Mile	0	0
Middle Mile	73,998,268	36,761,363



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

<b>Total</b>	73,998,268	36,761,363
--------------	------------	------------

**Project Budget Total:** \$110,759,631

**Match Percent:** 33.2%

**Projects Outside Recommended Funding Range:**



<b>Outside Leverage</b>	
<b>Applicant is providing matching funds of at least 20% towards the total eligible project costs?</b>	Yes
<b>Matching cost detail</b>	<p>The State is providing \$36.8 million in cash and in-kind match for a 33.2% match. The cash match is 5.0% and the in-kind match is 28.2%. The schedule below describes the details of each match and the justification for the match.</p> <p><b>Cash:</b>            Oklahoma Office of State Finance: \$80,000, 0.07%, Internal, Working Capital, No financing terms. Oklahoma Department of Transportation: \$5,328,245, 4.81%, Internal, Engineering for Infrastructure, No financing terms. Pre-Application Expense: \$128,803, 0.12%, Grant Match, Working Capital, No financing terms.</p> <p><b>In-Kind:</b>            OneNet: \$5,000,000, 4.51%, Routers/Switches, Infrastructure, This will connect to the proposed fiber build and will be used for redundancy. This was valued based on recent OneNet IRU's. OneNet: \$3,850,000, 3.48%, Existing Fiber Routes, Infrastructure, This was valued based on ODOT's acquisition that includes appraisal, engineering, legal, title and search. Oklahoma Department of Transportation: \$22,377,315, 20.20%, Right of Way, Infrastructure, This is the value of the right of way ODOT will be providing for this</p>





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

	<p>project.</p> <p>The above funding percent is based on the total project budget of \$110,759.631.</p>
<b>Unjust enrichment</b>	The project has not received or applied for any Federal support for non-recurring costs in the areas for which we are seeking an award.
<b>Disclosure of federal and/or state funding sources</b>	The applicant or sub-recipients have not requested or received funds for projects to which this application relates, including all Universal Service Fund funds. OneNet, sub-recipient, provides services for many state and not-for-profit entities. These services include network connectivity, backbone, ISP and/or hosting to colleges, universities and K-12 schools; and others. These services generate recurring revenues from state and other sources, but they are not related to the non-recurring cost of this proposed broadband build.
<b>Budget reasonableness</b>	<p>In providing services to state agencies, public schools, community colleges, vocational-technical schools, colleges and universities, libraries, courts and local, county, tribal and federal government agencies in Oklahoma, we have found that dark fiber is not available at any price outside the most heavily populated areas of the state. This proposal will build new fiber capacity across the state. The route chosen for this middle mile proposal maximizes the ability to provide fiber infrastructure for anchor institutions in underserved and unserved areas of the state and for existing providers and new providers to provide last mile service. The fiber route selected touches 35 of the 77 counties, approximately 89% of the state population, and is on state highway right-of-way. By utilizing state right-of-way, the cost for engineering, environmental studies and acquisition of additional right-of-way is minimized.</p> <p>The fiber per mile unit cost was derived by averaging the unit costs from construction firm responses to a request for information, recent cost of fiber builds by ODOT and OSF, and the OSF state contract for outside plant construction. The building and land costs estimates are based on recent ODOT fiber build projects. The fiber distances are based on ODOT highway distant information. The building placement</p>



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

	<p>and number was determined as a result of the route/span selection and placed near or at a location to support community anchor institutions and based on ODOT, OneNet and OSF’s experience. The optical switch product units were designed by OneNet with consultation with Cisco Systems. The route product units were designed based on the existing knowledge of the partners and the integration between the proposed middle mile fiber build and the partners’ existing network. The professional services and testing is based upon conversation with various providers and project partners’ experience with similar projects.</p> <p>Within five miles of the build, there are 1,096 schools, libraries, medical or health care providers, public safety entities, community colleges, institutions of higher education, other community support organizations and other government facilities. OCAN plans to connect 32 anchor institutions with this fiber build.</p> <p>Build contractors and DWDM equipment will be determined by a competitive procurement process using state established evaluation criteria that weights the proposal on “best value” to the state. Best value considers cost, service, delivery, timeframe, experience, ongoing costs, financial stability, past performance and value added proposed by the vendor.</p> <p>The project team believes the budget estimates are reasonable and can deliver the proposed services because of past experience with similar project throughout the state, exist state contracts and consultation with contractors for the build and with suppliers of the required network and support equipment to provide the services.</p>
<b>Demonstration of need</b>	<p>OSF is requesting a grant in the amount of \$73,998,268 which represents 66.8% of this application’s total project cost. These funds will be used to harness broadband technology to improve our education system, stimulate the economy and significantly enhance the lives of Oklahoma citizens who live in underserved and economically distressed areas.</p>





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

	<p>The State of Oklahoma has a critical need for substantially improved broadband services throughout the entire state, except for the Oklahoma City and Tulsa metro areas. In a report by the Kauffman Foundation (2008), Oklahoma is ranked 45th in percentage of population that is online, 40th in Health IT, 39th in eGovernment, 43rd in high tech jobs and 39th in knowledge based jobs.</p> <p>The state has long recognized the need for a substantial Middle Mile investment that would allow Last Mile providers to offer the rest of the state broadband services similar to those in its two major markets. Accomplishing this goal would improve educational, health, public safety, employment and other communication aspects for vulnerable populations and others in the service area. Additionally, it will improve economic development and opportunities for job growth in the PFSA.</p> <p>Although the state recognized this need and has invested significant time and effort working toward possible solutions, pressures on the state budget have not afforded any progress toward this goal of improved broadband. Due in large part to the national recession, the State of Oklahoma has experienced reduced revenues and has been forced to cut operating budgets at all levels of government, including the three state agencies represented in this grant.</p> <p>These agencies each had to cut their fiscal 2010 budgets by 7.5% and anticipate their fiscal 2011 budgets being cut by up to an additional 10%. The expectation is that for at least two more years beyond FY2011, budget cutbacks will continue. This will likely result in job reductions and/or elimination of vital programs. Given these financial constraints, no state agency will be able to fund the OCAN project in the foreseeable future. But for funding from the BTOP’s CCI program, the OCAN network cannot be built in the foreseeable future.</p> <p>Cash flows from project operations alone are also insufficient to cover</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

	<p>the project cost. When BTOP funds are not included, the resulting NPV is a negative (\$43,400,247). Although the grant request exceeds the negative cash flow, the request is for an appropriate amount. The NPV was calculated in part on assumptions that differ from choices that would have been made independently. In particular, different cost of capital and terminal value calculations would have resulted in an even lower NPV closer to the \$74MM grant request.</p> <p>The financial projections include offering a more reasonably priced market alternative and significantly upgraded broadband capability, but do not include any aggressively discounted services.</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Funds to States/Territories**

States	Amount of Federal Grant Request
Oklahoma	73,998,268

**Funds to States/Territories Total:** \$73,998,268

## J. Historical Financials

<b>Matching Funds</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Revenue</b>	8,218,288,000	8,496,455,000	8,081,655,000
<b>Expenditures</b>	7,161,799,000	7,779,162,000	8,202,321,000
<b>Net Assets</b>	13,369,962,000	14,064,676,000	13,794,551,000
<b>Change in Net Assets from Prior Year</b>	1,056,489	717,293	-120,666
<b>Bond Rating (if applicable)</b>	Moody's AA	Moody's AA	Moody's AA



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

## K. Project Readiness

### BTOP Organizational Readiness

The Oklahoma Community Anchor Network (OCAN) will be implemented and operated by representatives of three state agencies – Oklahoma Department of Transportation (ODOT), OneNet and the Office of State Finance (OSF). These three agencies have partnered and coordinated broadband activities for the State of Oklahoma for several years. OneNet and OSF have been a team providing broadband to state agencies, colleges and universities since 1992 when the Oklahoma Government Telecommunication Network was created by legislation.

These agencies own, lease and manage broadband assets and provide services to state agencies and other customers. OSF has a department that manages inside and outside plant projects and has contracts with vendors for acquisition and installation of fiber.

ODOT’s project responsibilities will be engineering, route selection, construction management, and environmental review and compliance. OneNet’s project responsibilities will be technical design of the broadband ring; ongoing operations and support; and legal review. OSF’s responsibilities will be grant administration, contract administration, billing, customer support, marketing and maintaining accounting records and preparing required financial statements.

### Construction and Vendor Contracts

The project will use contractors to engineer and construct the proposed fiber route. The Oklahoma Department of Transportation will manage the construction and oversee the engineering, in addition to providing engineering services as part of the State’s match. Pursuant to Oklahoma law, the State is prohibited from contracting for services until funds are available and, therefore, the State has not commenced the required competitive bidding process. However, a Request for Information and Interest (“RFII”) was sent to several contractors and engineers in order for the State to more accurately assess costs for and determine interest in the project. During the RFII process, the State received responses from four (4) construction firms and two (2) engineering firms which expressed an interest in the State’s project. When the State receives a grant, Requests for Proposals, in compliance with applicable federal and state law, will be issued to all state registered construction and engineering firms. The engineering and construction firms providing the “Best Value” to the State will be awarded contracts.

### Customer Base



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Within the proposed funded service area for the Oklahoma Community Anchor Network (OCAN) project, OneNet, as a sub-recipient provides services to a number of customers. Nearly all fall within the category of community anchor institutions. Below is a representation of the approximately 430 circuits to approximately 355 unique sites

**# of Customers (# of circuits) Organization type**

- 10 (11) Army National Guard
- 27 (37) Higher Education
- 27( 36) Hospitals
- 90 (140) K12s
- 9 (9) Law Enforcement
- 21 (22) Libraries
- 5 (5) Municipalities
- 8 (9) Non-Profits
- 95 (102) State Agencies
- 21 (24) Tribal
- 24 (34) Career Technology Centers

**Licenses, Regulatory Approvals and Agreements**

When the grant application is approved, ODOT will need to acquire “Utility Easement Permits” to lay the fiber in the Highway Right of Way. ODOT will obtain these permits after the grant is awarded and engineering performed for the project. Therefore, the status on permits is “not applied for.” We do not anticipate any problems obtaining the necessary permits.

**SPIN Number**

OneNet (Oklahoma State Regents) 143015254

## **L. Environmental Questionnaire**

**Project Description**



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

The project consists of installing a fiber optic backbone (narrow trench and/or bored as determined appropriate) along the designated highway routes in the median or right or left of centerline depending on conditions. The fiber backbone will be a middle mile facility that will facilitate an expansion of broadband service to anchor institutions, etc. The connection locations are yet to be determined.

**Property Changes**

All work will be within the State’s existing right-of-way for the highways which is already disturbed for maintenance. The existing right-of-way varies from 50 to 100 ft on either side of the centerline of the existing highway. The land use along these highways is mostly agricultural spotted with small towns or cities.

**Buildings**

No buildings or structures are anticipated in this project. All work will be within the State’s existing right-of-way for the highways which is already disturbed for maintenance.

**Wetlands**

There are approximately 134 AC of Freshwater Emergent Wetlands, 663 AC of Freshwater Forested/Shrub Wetlands, 771 AC of Freshwater Ponds, 74 Ac of Riverines, 192 AC of Lakes and 23 Ac of other Wetlands identified within the proximity of the corridor. However the actual impact of the project will be considerably less than this due to the nature of the work involved and the fact that the areas to be disturbed are all within existing right-of-way. When plans are developed, the proposed construction activities will be evaluated to ensure that the appropriate Clean Water Act Section 404 permit application is made. See attached maps.

**Critical Habitats**

The USFWS list indicated the presence of the following threatened & endangered species and/or their Critical Habitat within the proposed project corridor: American Burying Beetle, Gray Bat, Indiana Bat, Ozark Big-eared Bat, Black-capped Vireo, Eskimo Curlew, Interior Least Tern, Whooping Crane, Red-cockaded Woodpecker, Scaleshell Mussel, Winged Mapleleaf Mussel, Ouachita Rock Pocketbook Mussel, Piping Plover, Arkansas River Shiner, Arkansas River Shiner Critical Habitat, Leopard Darter, Leopard Darter Critical Habitat, and Lesser Prairie Chicken. As plans are developed, a biological field review will be performed and the



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

determination of effect on the federally-listed species will be made and USFWS will be consulted if the project is likely to adversely affect any species. See attached list for the specific occurrences of each species.

**Floodplain**

The proposed corridor traverses several floodplains. All work in the floodplain will conform to applicable State or local floodplain protection standards. See attached FEMA maps for specific locations.

**Protected Land**

Since the proposed project is limited to the existing R/W along 1005 miles of State and Federal Highways, the potential for NRHP-listed and eligible resources is minimal. There are no known NRHP-listed or eligible buildings within the existing R/W. However, there are NRHP-listed resources adjacent to the proposed corridors. United States Highway (US) 69 fronts the Pioneer Club through Atoka in Atoka County and US-183 fronts the Dewey County Courthouse in Taloga. In addition, US-412 fronts the NRHP-listed Champlin House in Enid, Garfield County Oklahoma. A NRHP eligible bridge is present over Lake Texoma on US-70 in Bryan County. One archeological site (34CU27) occurs within I-40 R/W in Custer County. The site has not been put on the SHPO Determinations of Eligibility List, however, the site is known to contain significant intact archeological deposits.

There are no Indian Reservations or communities along the 1005 mile corridor. However, it is possible that individual allotment land, or land held in BIA trust, including land on which Tribal Casinos are located are located adjacent to highway R/W. For all Federal Aid projects, the Department conducts consultation with appropriate Tribes per 36 CFR 800.2(c)(3). The attached list identifies the Tribes that would be consulted for this project. The Department has formal agreements or understandings with all the Tribes for conducting Section 106 consultation.

**Coastal Area**

Not Applicable.

**Brownfield**

The following sites were identified as being in close proximity to the proposed action:  
(US 81, Stephens County)

1. Halliburton; RCRA Corrective Action Remedy Action Complete



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

<b>Submitted Date:</b> <b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

2. Comanche Nursing Center; Brownfields Assessment Pilot  
(US 412, Major County)
  3. Safety Kleen Lone and Grassy Mountain; RCRA Corrective Action Current, RCRA Corrective Action Construction Complete  
(US 62/SH 7, Comanche County)
  4. Fort Sill Indian School; Brownfields Assessment Grant  
(SH 3, Atoka County)
  5. Atoka Armory; Brownfields Property Progress File  
(SH 69, Pittsburg County)
  6. McAlester Army Ammunition Plant; RCRA Corrective Action, Enforcement and Compliance History  
(I 40, Muskogee County)
  7. OK Trading Post; Brownfields Property Progress File
- Additional sites were identified in the I-40 Crosstown corridor, however according to the map that portion of I-40 is not part of this project.
- It should be noted that the above review was limited to records available at the referenced federal website. Additional records of potentially contaminated properties may be available at the state or local level. Further review is recommended as design/right of way plans are developed.





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

**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	BTOP+Service Offerings and Competitor Data.xls	Fleckinger, Joseph	03/26/2010
Network Diagram	BTOP+Network+Diagram+Optical.pdf	Fleckinger, Joseph	03/26/2010
Network Diagram	BTOP+Network+Diagram.pdf	Fleckinger, Joseph	03/26/2010
Build Out Timeline	BTOP+Build-Out+Timeline.doc	Fleckinger, Joseph	03/26/2010
List of Community Anchors and Points of Interest	BTOP+Anchor+Detail+and POI.xls	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Ralph Smith.doc	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Joe Fleckinger.doc	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team and Organization Chart.doc	Fleckinger, Joseph	03/24/2010





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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Jay Adams.doc	Fleckinger, Joseph	03/24/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Richard Clark.doc	Fleckinger, Joseph	03/24/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Randy Crosby.pdf	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Alan Stevenson.doc	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Alan Stevenson+Projects.pdf	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+James Deaton.pdf	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Kurt Snodgrass.pdf	Fleckinger, Joseph	03/25/2010
Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Nancy Connally.pdf	Fleckinger, Joseph	03/25/2010



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Management Team Resumes and Organization Chart	BTOP+Management Team+Resumes+Tim Gatz.pdf	Fleckinger, Joseph	03/25/2010
Government and Key Partnerships	BTOP+Government+Key+Partnerships.doc	Fleckinger, Joseph	03/26/2010
Historical Financial Statements	Oklahoma Historical Financials FY08 and FY09.pdf	Fleckinger, Joseph	03/11/2010
Budget Narrative	BTOP+Budget Narrative.doc	Fleckinger, Joseph	03/26/2010
Detailed Budget	BTOP+Detailed Budget.xls	Fleckinger, Joseph	03/26/2010
Pro-forma Forecast	BTOP+Pro-forma Forecast.xls	Fleckinger, Joseph	03/26/2010
Subscriber Estimates	BTOP+Subscriber Estimates.xls	Fleckinger, Joseph	03/26/2010
Dashboard Metrics	BTOP+Key+Metrics+Dashboard.doc	Fleckinger, Joseph	03/26/2010
Service Area Data	BTOP+Service+Area+Data.xls	Fleckinger, Joseph	03/24/2010
Network Maps	BTOP+Network+Map+CAI Within 5 Miles.pdf	Fleckinger, Joseph	03/24/2010
Network Maps	BTOP+Network+Map+CAI Connection Maps.pdf	Fleckinger, Joseph	03/24/2010



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Network Maps	BTOP+Network+Map+CAI+POP.pdf	Fleckinger, Joseph	03/25/2010
BTOP Certifications	BTOP+Certification+Letter+Governor.pdf	Fleckinger, Joseph	03/25/2010
BTOP Certifications	BTOP+Signed Certification by AOR.pdf	Fleckinger, Joseph	03/25/2010
SF-424 C and D	BTOP+SF-424 C and D.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Support+Letter+Pine.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Commitment+Letter+Atoka.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Commitment+Letter+Mary Hurley Hospital.doc	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Support+Letter+OneNet.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Map+Economically Distressed Areas of Oklahoma.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Support+Letter+OHCA-Medicaid.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Support+Letter+Commerce.pdf	Fleckinger, Joseph	03/26/2010



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Supplemental Information	BTOP+Support+Letter+2 Year Colleges.doc	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Cameron University.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Lawton Indian Hospital.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Dept of Libraries.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Commitment+Letter+Cheyenne & Arapaho Tribe.pdf	Fleckinger, Joseph	03/26/2010
Supplemental Information	BTOP+Environmentals+Brownfield.pdf	Fleckinger, Joseph	03/20/2010
Supplemental Information	BTOP+Environmentals+Critical Habitats.pdf	Fleckinger, Joseph	03/20/2010
Supplemental Information	BTOP+Environmentals+Floodplains.pdf	Fleckinger, Joseph	03/20/2010
Supplemental Information	BTOP+Environmentals+Protected Lands.pdf	Fleckinger, Joseph	03/20/2010
Supplemental Information	BTOP+Environmentals+Wetlands.pdf	Fleckinger, Joseph	03/20/2010



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Supplemental Information	BTOP+Commitment+Letter+Eastern OK State College.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Commitment+Letter+ODOT.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Commitment+Letter+Southeastern OSU.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Commitment+Letter+Western OK State College.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+ACCO.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+OARC.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+Peach.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+State Superintendent.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+White.pdf	Fleckinger, Joseph	03/24/2010
Supplemental Information	BTOP+Support+Letter+Speaker House of Representatives.pdf	Fleckinger, Joseph	03/25/2010



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

<b>Submitted Date:</b> Easygrants ID: 4544	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program	<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE
<b>Task:</b> Submit Application - BTOP	<b>Applicant Name:</b> Mr. Joseph Fleckinger

Supplemental Information	BTOP+Support+Letter+Senate Pro Tem.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Support+Letter+OML.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+CLEET.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Connors State College.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Carl Albert State College.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Department of Public Safety.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Northwestern OSU.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+OSF.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Southwestern OSU.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Redlands Community College.pdf	Fleckinger, Joseph	03/25/2010



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

<b>Submitted Date:</b>		<b>Easygrants ID: 4544</b>	
<b>Funding Opportunity:</b> Broadband Technology Opportunities Program		<b>Applicant Organization:</b> FINANCE, OKLAHOMA OFFICE OF STATE	
<b>Task:</b> Submit Application - BTOP		<b>Applicant Name:</b> Mr. Joseph Fleckinger	

Supplemental Information	BTOP+Commitment+Letter+Regents for Higher Education.pdf	Fleckinger, Joseph	03/25/2010
Supplemental Information	BTOP+Commitment+Letter+Seiling Hospital.pdf	Fleckinger, Joseph	03/25/2010