Office of the Speaker
Oklahoma House of Representatives
Oklahoma City, OK 73105

March 24, 2010

Larry Strickling, Administrator
National Telecommunications
And Information Administration
1401 Constitution Avenue, Northwest
Washington, District of Columbia 20230

RE: Oklahoma Community Anchor Network Application

Dear Administrator Strickling,

Pursuant to the National Telecommunications and Information Administration (NTIA) Notice of Fund Availability, the state of Oklahoma is submitting a Comprehensive Community Infrastructure grant application.

This grant will fund the installation of a fiber backbone of 1058 miles throughout Oklahoma to benefit vulnerable populations and rural communities. The Oklahoma Community Anchor Network proposal demonstrates a strategy for improving educational outcomes, access to health and employment services, and an enriched quality of life for Oklahomans.

This application has been prepared in cooperation with other state agencies, community partners and the private sector. The opportunity for Oklahoma to continue to expand broadband access and services throughout our state is an important tool for us to deliver public services and to promote job growth and development.

As Speaker of the Oklahoma House of Representatives, I am pleased to offer my support to the Oklahoma Community Anchor Network grant application.

Please do not hesitate to contact me should you have questions, comments or require additional information. Thank you for your attention to this matter.

Sincerely,

Chris Benge
Speaker

CB/lmn

Oklahoma State Senate

Glenn Coffee
President Pro Tempore

March 22, 2010

Larry Strickling, Administrator
National Telecommunications
    and Information Administration
1401 Constitution Avenue, Northwest
Washington, DC 20230

      Re: Oklahoma Community Anchor Network Application

Dear Administrator Strickling:

Pursuant to the National Telecommunications and Information Administration (NTIA) Notice of Fund Availability, the state of Oklahoma is submitting a Comprehensive Community Infrastructure grant application.

This grant will fund the installation of a fiber backbone of 1058 miles throughout Oklahoma to benefit vulnerable populations and rural communities. The Oklahoma Community Anchor Network proposal demonstrates a strategy for improving educational outcomes, access to health and employment services, and an enriched quality of life for Oklahomans.

This application has been prepared in cooperation with other state agencies, community partners and the private sector. The opportunity for Oklahoma to continue to expand broadband access and services throughout our state is an important tool for us to deliver public services and to promote job growth and development.

As President Pro Tempore of the Oklahoma State Senate, I am pleased to offer my support to the Oklahoma Community Anchor Network grant application.

Please do not hesitate to contact me should you have questions, comments or require additional information. Thank you for your attention to this matter.

      Sincerely,

      Glenn Coffee
      President Pro Tempore

GC:rc

OKLAHOMA Municipal League

Champions for Effective Municipal Government

March 23, 2010

The Honorable Larry Strickland, Administrator
National Telecommunications and Information Administration
1401 Constitution Avenue, N.W.
Washington, District of Columbia 20230

Dear Administrator Strickland:

I am writing to express my support for the State of Oklahoma's Comprehensive Community Infrastructure grant application, the Oklahoma Community Anchor Network.
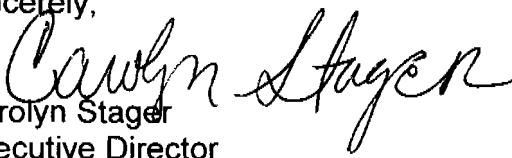
Much of the population of Oklahoma is underserved because the State contains many small municipalities that are rural in character and economy. Therefore, they have not been included in the regular business plans of current providers. Many of our rural citizens face challenges in finding the affordable broadband services that are critical in gaining access to education, health, small business and employment information. By bringing broadband to "the city gate", the Oklahoma Community Anchor Network proposal promises to effectively address these needs.

This proposal demonstrates a coordinated effort involving many state agencies, community partners and the private sector. We have long recognized the importance of broadband expansion in our State. However, Oklahoma, like many other states, is struggling to weather the current economic climate.

This proposal will significantly impact economic development and quality of life in many of this State's communities. As Executive Director of the association of cities and towns in Oklahoma, I am happy to offer my support to this endeavor that will improve the quality of life for our most rural and vulnerable citizens.

Please do not hesitate to contact me should you have questions, comments or require additional information. Thank you for your attention to this matter.

Sincerely,

Carolyn Stager
Executive Director

March 24, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)
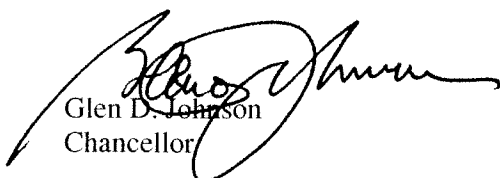
Dear Mr. Fleckinger:

The Oklahoma State Regents for Higher Education (OSRHE) wishes to express its utmost support for Oklahoma's Community Anchor Network (OCAN) and its goal of developing a broadband middle mile fiber infrastructure throughout the state. I understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and the OSRHE offers its unequivocal support to this notable grant application.

With a current enrollment of more than 232,000 students, the Oklahoma State System of Higher Education is comprised of 25 colleges and universities – including two research universities, 11 regional universities and 12 community colleges – and 11 constituent agencies and one higher education center. All of these community anchor institutions are served by OneNet, the state's official information and telecommunications network for education and government, which is operated by the OSRHE in cooperation with the Oklahoma Office of State Finance.

Once implemented, OCAN will directly enhance the primary objectives of the OSRHE which is to enhance access and improve the quality of public higher education for all Oklahomans, to increase the number of college graduates and to better prepare students to meet the challenge of a global economy. Specifically, OCAN will substantially upgrade connectivity to targeted higher education institutions and provide more reliability that will enable the OSRHE to better serve Oklahoma's students in a more efficient and effective manner.

In closing, I would like to emphasize the OSRHE's enthusiasm with regard to the grant application. By supporting an initiative such as this, a framework will be established to provide more reliable and advanced broadband infrastructure to higher education institutions throughout all Oklahoma. Accordingly, I strongly encourage the National Telecommunications and Information Administration to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Glen D. Johnson
Chancellor

GDJ/nec

REDLANDS
COMMUNITY COLLEGE

March 25, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

Mr. Fleckinger,

Thank you for affording Redlands the opportunity to add our college name to those to be benefited by your project request. Please recognize this letter as a written statement of commitment of interest and planned utilization for the Oklahoma Community Anchor Network (OCAN). We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once this grant is funded and implemented, Redlands will benefit greatly from the direct fiber connection. Specifically, RCC will substantially upgrade our connectivity and provide more reliability that will enable Redlands to better serve our students in a more efficient and effective manner.

Beyond enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Clearly, funding this ARRA grant will be a win-win for Redlands and its service area communities. We at Redlands strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Dr. Larry F. Devane, President
Redlands Community College

cc: Matthew Hamilton, RCC Director of Technology
        Kurt Snodgrass, OSRHE Vice Chancellor for Information Technology & Telecommunications,

"Redlands Community College provides a learner-centered environment committed to academic excellence strengthened through service and civic engagement."

SWØSU

Southwestern Oklahoma State University

Office of the President

March 24, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

Southwestern Oklahoma State University wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once implemented, SWOSU and the surrounding community will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our students in a more efficient and effective manner.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to SWOSU and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Randy L. Beutler

STATE OF OKLAHOMA

OFFICE OF STATE FINANCE

March 22, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for
    Communications and Information
Department of Commerce
1401 Constitution Avenue, NW
Washington, DC 20230

RE: LETTER OF COMMITMENT TO STATE OF OKLAHOMA CCI GRANT APPLICATION

Dear Mr. Strickling,

The Oklahoma Office of State Finance (OSF) is committed to the State's proposal to build a broadband middle-mile state fiber ring. OSF will be the grant applicant for the State of Oklahoma. OSF partners in this grant application are the Oklahoma Department of Transportation (ODOT) and OneNet, Oklahoma's telecommunication and information network for education and government. These partners are also responsible for ongoing operations.

This middle-mile broadband fiber ring will promote economic development in the state, increase educational opportunities and make available fiber strands to local telecommunication companies to provide last-mile service to businesses, schools, colleges, universities, hospitals, libraries, government, public safety and citizens.

As the grant applicant, OSF will be responsible for accounting for grant funds, project cost, customer billing and preparation of periodic and annual financial reports to NTIA and partners. OSF will contribute as in-kind match the cost to setup the central financial and management information system to process all grant and operating transactions. OSF will provide accounting and Information Services Division (ISD) personnel as needed to support the grant and ongoing operations after construction. The cabling department of ISD will work with ODOT during construction and support ongoing technical operations of the fiber network.

Recognizing the long-term benefits to citizens, education, health care, public safety and economic development, OSF is committed to the project and will provide the necessary resources to make the project successful. I strongly encourage NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Michael Clingman
Director
Oklahoma Office of State Finance

MC:crh

cc: Joseph M. Fleckinger, Office of State Finance
     Deputy Director of Information Technology

Northwestern
OKLAHOMA STATE UNIVERSITY

OFFICE OF THE PRESIDENT

March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)
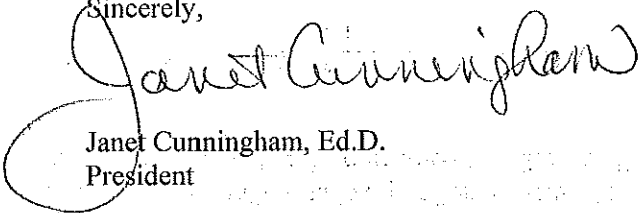
Dear Mr. Fleckinger:

Northwestern Oklahoma State University wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once implemented, Northwestern will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our students in a more efficient and effective manner.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to Northwestern Oklahoma State University and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Janet Cunningham, Ed.D.
President

STATE OF OKLAHOMA
DEPARTMENT OF PUBLIC SAFETY
March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

The Oklahoma Highway Patrol (OHP) wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application.

Once implemented, the OHP Field Troops J and E will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve citizens of our state in a more efficient and effective manner.

In addition to enhancing our mission of providing a safe and secure environment for all Oklahoma citizens, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to OHP and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Kevin L. Ward
Commissioner

RECEIVED

MAR 23 2010

OSF/ISD Admin

P.O. BOX 11415 • OKLAHOMA CITY, OKLAHOMA 73136-0415 • 3600 NORTH KING AVENUE • OKLAHOMA CITY, OKLAHOMA 73111 • (405) 425-2424

recycled paper

CASC

CARL ALBERT STATE COLLEGE

From the office of the President

DR. BRANDON R. WEBB

March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

Carl Albert State College wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once implemented, Carl Albert State College will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our students in a more efficient and effective manner.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to Carl Albert State College and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Brandon R. Webb
President
Carl Albert State College

RECEIVED

MAR 24 2010

OSF/ISD Admin

918.647.1210
918.647.1216 (FAX)

1507 S. MC KENNA
POTEAU, OKLAHOMA 74953

bwebb@carlalbert.edu
www.carlalbert.edu

CONNORS
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Building Futures One At A Time Since 1908

Route 1 Box 1000
Warner, OK 74469
Phone 918 463-2931
www.connorsstate.edu

President's Office

Office Fax: 918 463-2233

March 22, 2010

Mr. Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

Connors State College wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once implemented, Connors State College will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our students in a more efficient and effective manner.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to Connors State College and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Donnie L. Nero, Ed.D.
President

DLN/jse

"Imagine the satisfaction of sponsoring a student scholarship"

Larry L. Birney, Ed.D. Executive Director

STATE OF OKLAHOMA
COUNCIL ON LAW ENFORCEMENT EDUCATION AND TRAINING

2401 Egypt Road • Ada, Oklahoma 74820-0669
Telephone : (405) 239-5100 • Fax: (580) 310-9143
www.cleet.state.ok.us

March 23, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

The Oklahoma Council on Law Enforcement Education and Training (CLEET) wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application.

Once implemented, CLEET will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our peace officers in a more efficient and effective manner.

In addition to enhancing our mission of providing education and training within the ranks of Oklahoma law enforcement, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to CLEET and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Larry Birney, EdD.
Executive Director
Council on Law Enforcement Education and Training

SEILING COMMUNITY HOSPITAL

March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

Seiling Community Hospital wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application which will enhance health care delivery throughout all of Oklahoma.

Once implemented, Seiling Community Hospital will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our constituents in a more efficient and effective manner and provide the requisite infrastructure to support telemedicine and electronic medical record applications.

In addition to enhancing our health and welfare mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to Seiling Community Hospital and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Cheri Barton, CEO
Seiling Community Hospital

U.S. Department of Commerce
Broadband Technology Opportunities Program
Authentication and Certifications

1. I certify that I am the duly Authorized Organization Representative (AOR) of the applicant organization, and that I have been authorized to submit the attached application on its behalf.

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

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

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

5. I certify that any funds awarded to the entity(ies) I represent as a result of this application will not result in any unjust enrichment of such entity(ies) or duplicate any funds such entity(ies) receive under federal universal service support programs administered by the Universal Service Administrative Corporation (USAC).

6. I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement.

_3/26/2010_
Date

Steve L. Funck
Authorized Organization Representative Signature

Steve L. Funck
Print Name

Deputy State Comptroller
Title

Brad Henry
Governor

March 24, 2010

The Honorable Larry Strickling, Administrator
National Telecommunications
 and Information Administration
1401 Constitution Avenue, Northwest
Washington, District of Columbia 20230

RE: **Oklahoma Community Anchor Network Application**

Dear Administrator Strickling:

Pursuant to the National Telecommunications and Information Administration (NTIA) Notice of Fund Availability, the state of Oklahoma is submitting a Comprehensive Community Infrastructure grant application. This grant will fund the installation of a fiber backbone of 1058 miles throughout Oklahoma to benefit vulnerable populations and rural communities. The Oklahoma Community Anchor Network proposal demonstrates a strategy for improving educational outcomes, access to health and employment services, and an enriched quality of life for Oklahomans.

Joe Fleckinger, Deputy Director of Information Technology, Office of State Finance, is the authorized designee to administer and to implement this grant. This application has been prepared in cooperation with other state agencies, community partners and the private sector and will compliment the Oklahoma Department of Libraries Public Computing Center application that was submitted on March 15, 2010.
The opportunity for Oklahoma to continue to expand broadband access and services throughout our state is an important tool for us to deliver public services and to promote job growth and development.

Of course, please do not hesitate to contact me should you have questions, comments or require additional information. 1 appreciate your attention to this matter.

Sincerely,

Brad Henry
Governor

State of Oklahoma Map - Broadband Proposal for Fiber Backbone with Anchor Facilities and POP Sites
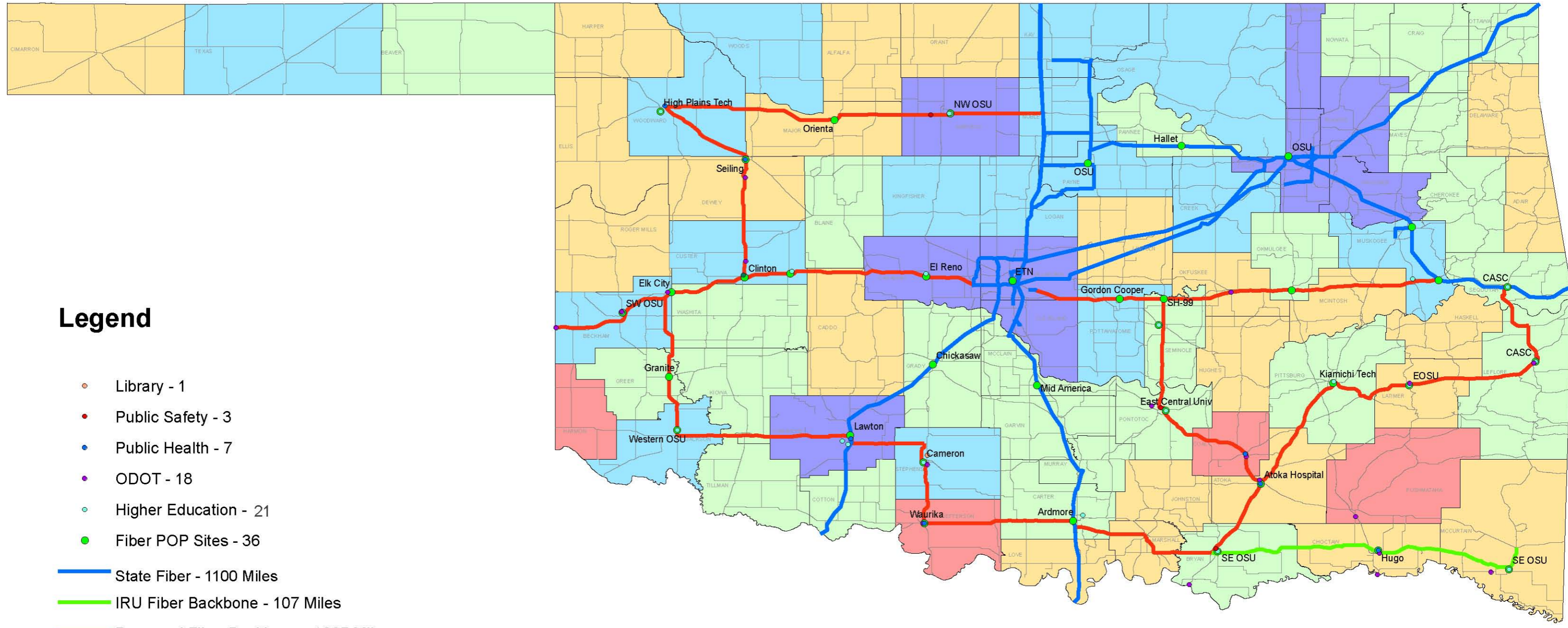
Legend

- Library - 1
- Public Safety - 3
- Public Health - 7
- ODOT - 18
- Higher Education - 21
- Fiber POP Sites - 36
- State Fiber - 1100 Miles
- IRU Fiber Backbone - 107 Miles
- Proposed Fiber Backbone - 1005 Miles

Counties

CSMG Broadband Penetration Data

- 4 Counties (25% - 27%)
- 23 Counties (28% - 35%)
- 25 Counties (36% - 43%)
- 16 Counties (44% - 50%)
- 9 Counties (51% - 63%)

77% of Counties Touched by Broadband Proposal

89% of Population Touched by Broadband Proposal

BTOP CCI Community Anchor Institutions Detail Template

Title: **Oklahoma Community Anchor Network (OCAN)**
Easy Grants ID: **4544**

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Ardmore Higher Education Center		611 Veterans Blvd	Ardmore	OK	73401	Community College		hosting interconnection and aggregation point
Carl Albert State College		1507 S McKenna St	Poteau	OK	74953	Community College		hosting interconnection and aggregation point
Carl Albert State College		1399 S Opdyke St	Sallisaw	OK	74955	Community College		hosting interconnection and aggregation point
Cheyenne and Arapaho Tribal College		100 Campus Drive	Weatherford	OK	73096	Community College	Tribal College or University	
Connors College		1000 College Drive	Warner	OK	74469	Community College		hosting interconnection and aggregation point
Comanche Nation Tribal College		1601 SW 9th Street	Lawton	OK	73501	Community College	Tribal College or University	
Eastern Oklahoma State College		1802 E College Ave	McAlester	OK	74501	Community College		hosting interconnection and aggregation point
Eastern Oklahoma State College*		1301 W Main	Wilburton	OK	74578	Community College		hosting interconnection and aggregation point
Northern Oklahoma College		100 S University Ave	Enid	OK	73701	Community College		hosting interconnection and aggregation point
Redlands Community College		1300 S Country Club Rd	El Reno	OK	73036	Community College		hosting interconnection and aggregation point
Seminole State College		2701 Boren Blvd	Seminole	OK	74868	Community College		hosting interconnection and aggregation point
Western Oklahoma State College		2801 N Main	Altus	OK	73521	Community College		hosting interconnection and aggregation point
Atoka Memorial Hospital		1501 S Virginia	Atoka	OK	74525	Medical or Healthcare Provider		
Mary Hurley Hospital		6 S Covington Street	Coalgate	OK	74538	Medical or Healthcare Provider		
Choctaw Hospital		1405 E Kirk	Hugo	OK	74743	Medical or Healthcare Provider		
Lawton Indian Hospital - Indian Health		1515 NE Lawrie Tatum Rd	Lawton	OK	74507	Medical or Healthcare Provider		
Seiling Municipal Hospital		NE Hwy 60	Seiling	OK	73663	Medical or Healthcare Provider		
Jefferson County Hospital		Rt 2, Hwy 70	Waurika	OK	73573	Medical or Healthcare Provider		
Woodward Hospital		914 17th Street	Woodward	OK	73801	Medical or Healthcare Provider		
Duncan Public Library		2211 N Hwy 81	Duncan	OK	73533	Library		
DPS-Highway Patrol Troop HQ		3801 N 1st Street	Durant	OK	74701	Public Safety Entity		
DPS-Highway Patrol Troop HQ		5725 W Owen K. Garriott Rd	Enid	OK	73703	Public Safety Entity		
CLEET		2401 Egypt Rd	Ada	OK	74820	Public Safety Entity		
Cameron University		3100 W Bois D' Arc Ave	Duncan	OK	73533	Other Institution of Higher Education		hosting interconnection and aggregation point
Cameron University*		2800 NW Gore Blvd	Lawton	OK	73505	Other Institution of Higher Education		hosting interconnection and aggregation point
East Central University		1100 E 14 Street	Ada	OK	74820	Other Institution of Higher Education		hosting interconnection and aggregation point
Northwestern OSU		2929 E Randolph	Enid	OK	73701	Other Institution of Higher Education		hosting interconnection and aggregation point
Northwestern OSU		2007 34th Street	Woodward	OK	74701	Other Institution of Higher Education		hosting interconnection and aggregation point
Southeastern OSU*		1405 N 4th Ave	Durant	OK	74701	Other Institution of Higher Education		hosting interconnection and aggregation point
Southeastern OSU-McCurtain Co.		2805 NE Lincoln Rd	Idabel	OK	74745	Other Institution of Higher Education		hosting interconnection and aggregation point
Southwestern OSU		409 E Mississippi	Sayre	OK	73662	Other Institution of Higher Education		hosting interconnection and aggregation point
Southwestern OSU*		100 Campus Drive	Weatherford	OK	73096	Other Institution of Higher Education		hosting interconnection and aggregation point

BTOP CCI Network Points of Interest Detail Template

Title:	Oklahoma Community Anchor Network (OCAN)	
Easy Grants ID:	4544	

Facility Type	Address Line 1	City	State	Zip	Longitude	Latitude	Interconnection Available at this Location	Status in Proposed Network
Central Office	1500 N. Phillips Ave.	Oklahoma City	OK	73104			Yes	Existing - Applicant/Partner Owned
Central Office	700 N. Greenwood Ave	Tulsa	OK	74120			Yes	Existing - Applicant/Partner Owned
Collocation Facility	Farm Rd. & Western Ave.	Stillwater	OK	74078			Yes	Existing - Applicant/Partner Owned
Collocation Facility	SH 99 & Cimmaron Turnpike	Hallet	OK	74020			Yes	Existing - Leased from Third Party
Point of Interconnection	201 Court St.	Muskogee	OK	74403			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	I-40 & Muskogee Turnpike	Webbers Falls	OK	74470			Yes	New for Proposed Network
Point of Interconnection	1601 S. Opdyke	Sallisaw	OK	74955			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	1507 S McKenna	Poteau	OK	74953			Yes	Existing - Applicant/Partner Owned
Collocation Facility	35649 County Rd E0900	Stroud	OK	74079			Yes	Existing - Leased from Third Party
Point of Interconnection	I-40 & US-75	Henryetta	OK	74437			No	New for Proposed Network
Point of Interconnection	I-40 & SH 99	Prague	OK	74868			Yes	New for Proposed Network
Point of Interconnection	Adair Blvd	Midwest City	OK	73110			Yes	Existing - Applicant/Partner Owned
Point of Interconnection		Ada	OK	74820			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	SH 18 & I-40	Shawnee	OK	74804			Yes	New for Proposed Network
Point of Interconnection	US 75 and US 69	Atoka	OK	74525			Yes	New for Proposed Network
Point of Interconnection		Durant	OK	74701			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	NE Lincoln Rd.	Idabel	OK	74745			Yes	Existing - Applicant/Partner Owned
Point of Interconnection		Hugo	OK	74743			Yes	New for Proposed Network
Point of Interconnection	US-69 & US 270	McAlester	OK	74501			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	I-35 & US 70	Ardmore	OK	73401			Yes	New for Proposed Network
Point of Interconnection	I-35 & US 59	Wayne	OK	73095			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	US-70 & US-81	Waurika	OK	73573			Yes	New for Proposed Network
Point of Interconnection	Bois D Arc Drive	Duncan	OK	73533			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	US-81 & Grand Ave.	Chickasha	OK	73018			Yes	Existing - Leased from Third Party
Other Centralized Facility	2800 Gore Ave.	Lawton	OK	73505			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	2801 N Main	Altus	OK	73521			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	SH 9 & SH 6	Granite	OK	73547			Yes	New for Proposed Network
Point of Interconnection	I-40 & SH 6	Elk City	OK	73644			Yes	New for Proposed Network
Point of Interconnection	409 E Mississippi	Sayre	OK	73662			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	I-40 & US-183	Clinton	OK	73601			Yes	New for Proposed Network
Point of Interconnection	I-40 & SH 54	Weatherford	OK	73096			Yes	New for Proposed Network
Point of Interconnection	I- 40 & Country Club Rd.	El Reno	OK	73036			Yes	New for Proposed Network
Point of Interconnection	US 183 & US 270	Seiling	OK	73663			Yes	New for Proposed Network
Point of Interconnection	3800 34th St	Woodward	OK	73801			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	US 412 & US 60	Fairview	OK	73737			No	New for Proposed Network
Point of Interconnection	2929 E Randolf	Enid	OK	73701			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	US 412 & I-35	Perry	OK	73077			No	New for Proposed Network
Point of Interconnection	1200 Grand Ave.	Tonkawa	OK	74653			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	1200 W South St	Ponca City	OK	74601			Yes	Existing - Leased from Third Party
Point of Interconnection	Nowata Rd.	Bartlesville	OK	74006			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	1800 E Will Rogers Blvd.	Claremore	OK	74017			Yes	Existing - Applicant/Partner Owned
Connection to Service Provider	SE 8th and Santa FE	Oklahoma City	OK	73109			No	Existing - Other
Connection to Service Provider	18 W Archer	Tulsa	OK	74103			No	Existing - Other
Connection to Service Provider	18 W Archer	Tulsa	OK	74103			Yes	Existing - Leased from Third Party
Collocation Facility	322 E Archer	Tulsa	OK	74120			Yes	Existing - Other
Connection to Service Provider	SE 8th and Santa FE	Oklahoma City	OK	73109			No	Existing - Other
Point of Interconnection	I-44 & N4420 County Rd	Vinita	OK	74301			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	I-44 & SH 28	Adair	OK	74330			Yes	Existing - Applicant/Partner Owned

Facility Type	Address Line 1	City	State	Zip	Longitude	Latitude	Interconnection Available at this Location	Status in Proposed Network
Point of Interconnection	600 N Grand	Tahlequah	OK	74464			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	200 S I St	Miami	OK	74354			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	7400 S May Ave.	Oklahoma City	OK	73159			Yes	Existing - Applicant/Partner Owned
Point of Interconnection	3600 N. MLK Blvd	Oklahoma City	OK	73111			No	Existing - Applicant/Partner Owned
Central Office	400 N Denver Blvd	Tulsa	OK	74103			No	Existing - Other
Point of Interconnection	7400 N. Kelly Ave.	Oklahoma City	OK	73111			No	Existing - Other
Point of Interconnection	1100 S Sheridan Rd	Tulsa	OK	74112			No	Existing - Other
Tower (microwave link)		Ada	OK	74820	-96.66444	34.77333	No	Existing - Applicant/Partner Owned
Tower (microwave link)	3940 County Rd N	Rush Springs	OK	73082	-97.930556	34.81278	No	Existing - Applicant/Partner Owned
Tower (microwave link)	9452 Cache Rd.	Lawton	OK	73507	-98.270833	34.62389	No	Existing - Applicant/Partner Owned
Tower (microwave link)	2800 Gore Ave.	Lawton	OK	73505	-98.434722	34.606944	Yes	Existing - Applicant/Partner Owned
Tower (microwave link)		Velma	OK	73533	-97.685	34.43361	No	Existing - Applicant/Partner Owned
Tower (microwave link)	2001 Veterans Blvd	Ardmore	OK	73401	-97.153333	34.20278	No	Existing - Applicant/Partner Owned
Tower (microwave link)	US 183 & County Rd E1670	Snyder	OK	73542	-98.965	34.58667	No	Existing - Applicant/Partner Owned
Tower (microwave link)	2803 N Main	Altus	OK	73521	-99.336944	34.67056	No	Existing - Applicant/Partner Owned
Tower (microwave link)	SH 62 & SH 9	Newcastle	OK	73065	-97.600556	35.19667	No	Existing - Applicant/Partner Owned
Tower (microwave link)	15151 E SH 39	Lexington	OK	73051	-97.214444	35.01639	No	Existing - Applicant/Partner Owned
Tower (microwave link)	250 Boyd Ave.	Norman	OK	73069	-97.443056	35.210556	No	Existing - Applicant/Partner Owned
Tower (microwave link)	33096 Waco Rd	Pink	OK	74801	-97.064722	35.28667	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Tate Mountain	OK		-96.540278	35.08111	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Fittstown	OK		-96.616111	34.53389	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Emet	OK		-96.541944	34.20833	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Durant	OK		-96.376389	34.007222	No	Existing - Applicant/Partner Owned
Tower (microwave link)		McAlester	OK		-95.716944	34.97694	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Stringtown	OK	74569	-96.036944	34.54333	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Carney	OK		-97.064722	35.81028	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Poteau	OK		-94.5525	34.94306	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Carter Mountain	OK		-94.775556	34.25028	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Kiamichi Mountain	OK		-94.693889	34.61333	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Wilburton	OK		-95329722	34.91694	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Sycamore Mountain	OK		-94.896389	34.77472	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Idabel	OK		-94.78	33.92139	No	Existing - Applicant/Partner Owned
Tower (microwave link)		El Reno	OK		-97.867222	35.56861	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Weatherford	OK		-98.708944	35.53528	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Geary	OK		-98.236944	35.54528	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Langston	OK		-97.258889	35.94333	Yes	Existing - Applicant/Partner Owned
Point of Interconnection		Langston	OK	73050	-97.258889	35.94333	Yes	Existing - Applicant/Partner Owned
Point of Interconnection	100 N University Drive	Edmond	OK	73034			Yes	Existing - Applicant/Partner Owned
Tower (microwave link)		Lucien	OK		-97.479167	36.23917	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Enid	OK		-97.843056	36.396111	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Jet	OK		-98.123333	36.81028	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Alva	OK		-98.666667	36.79667	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Tulsa	OK		-95.955833	36.17167	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Ramona	OK		-95.918611	36.49667	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Bartlesville	OK		-95.8475	36.75611	No	Existing - Applicant/Partner Owned
Tower (microwave link)		StoneBluff	OK		-95.7675	35.87944	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Tahlequah	OK		-94.971667	35.92278	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Warner	OK				No	Existing - Applicant/Partner Owned
Tower (microwave link)		Miami	OK		-94.866111	36.87722	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Chickasha	OK		-97.956111	35.03139	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Stuart	OK		-96.154167	34.89278	No	Existing - Applicant/Partner Owned
Tower (microwave link)		Hollow	OK		-95.253056	36.875	No	Existing - Applicant/Partner Owned
Point of Interconnection	NE 23rd & N. Lincoln Blvd.	Oklahoma City	OK				Yes	Existing - Applicant/Partner Owned
Point of Interconnection		Goodwell	OK				Yes	Existing - Applicant/Partner Owned
Point of Interconnection	Portland Ave.	Oklahoma City	OK	73107			Yes	Existing - Applicant/Partner Owned
Other Centralized Facility	655 Research Parkway	Oklahoma City	OK	73104			Yes	Existing - Applicant/Partner Owned

Facility Type	Address Line 1	City	State	Zip	Longitude	Latitude	Interconnection Available at this Location	Status in Proposed Network
Point of Interconnection		Norman	OK	73069			Yes	Existing - Applicant/Partner Owned
Collocation Facility	351 David Boren Drive	Norman	OK	73072			Yes	Existing - Other
Point of Interconnection	I-35 & SH99	Stroud	OK				No	Existing - Applicant/Partner Owned
Collocation Facility	Memorial and I-35	Oklahoma City	OK	73013			Yes	Existing - Leased from Third Party
Point of Interconnection	SH 3 &SH 9	Seminole	OK	74868			Yes	Existing - Applicant/Partner Owned
Point of Interconnection		Coweta	OK				No	Existing - Other

Joseph M. Fleckinger, CPA

E-mail: josf@sbcglobal.net

Mobile: (405) 590 3467
Fax: (405) 755 8829

Summary of Qualifications

Self-motivated results-oriented professional with a proven record of accomplishments in government and industry and as partner and partner in charge of Big 4 accounting and consulting firm. Well versed in information technology, in all aspects of the administration of an information technology organization, financial management and analysis, budgeting, accounting and preparation of financial statements in the governmental and private sector. Significant experience in management information systems, telecommunication, systems planning, hardware and software selection, system implementation, project management, data security, quality assurance, organizational reviews, strategic planning, reengineering and contract negotiations.

Professional Experience

STATE OF OKLAHOMA, OFFICE OF STATE FINANCE, Oklahoma City, Oklahoma   2003 to Present

Deputy Director of Information Technology and Director of Information Services Division

Manage the State's Central Information Technology and Telecommunication systems and operations. Direct the CORE (ERP System) support and implementation, PC support, server support, application development, local and wide-area networks, voice and data communciation infrastructure, email, information security, data center operation, helpdesk functions and State portal. Established the security, procurement, quality assurance, helpdesk and project management functions within the Information Services Division. Created a shared services model to support the information technology and telecommunication – PC, servers, networks, imaging, helpdesk – needs of other state agencies. Now support over 67 agencies. Negotiated terms and conditions for hardware, software and consulting services resulting in one-time savings of over $1.5 million and over $12.0 million in annual savings. Identified the inability to recover the State's voice and data communications infrastructure and the central data center, and the lack of monitoring of the State's network for cyber attacks. With Homeland Security grant monies was able to mitigate identified weaknesses. Worked with the Legislature on statutes for accessibility, software escrow, improvement in State security including electronic media destruction, and construction of a secured central data center and office complex. Develop and manage the annual operating and capital budget for the Division - $41.5 million.

FLEMING COMPANIES, INC., Oklahoma City, Oklahoma   1995 to 2002
An industry leader in the wholesale distribution of consumable goods.

Director, I/T Administration and Controller

Directed the quality assurance, security, email, administration, financial, purchasing, training and recruiting functions of the Information Technology Department. Developed and monitored the annual Information Technology operating and capital budget of at least $90 million and $100 million, respectively. Established financial, procurement and capital and operating budgeting processes. Negotiated terms and conditions of consulting, software and hardware contracts resulting in reducing on-going annual costs by at least $200,000 per year. Established and staffed an information security and purchasing department and reengineered the quality assurance function. Responsible for development and monitoring a $250 million capital budget to replace legacy information systems with best of breed systems, including SAP.

DELOITTE & TOUCHE
A Big 4 accounting and management consulting firm specializing in strategic business analyses for domestic and international companies. Increased revenues in each operation from between 200 percent to more than 500 percent.

Partner in Charge, State of Oklahoma Practice

Computer & Management Advisory Services, Oklahoma City, Oklahoma   1986 to 1994
Directed profit center operations including strategic and profit planning, hiring and developing consultants. Marketed, managed and billed consulting projects. Grew client base, increasing consultants from three to 11.

Partner in Charge, Oklahoma City office, Oklahoma City, Oklahoma   1980 to 1986
Managed the office operations including strategic planning, profitability, developing business, university relationships, training and directing audit and consulting client engagements in the public and private sector. Increased office from 20 to 50 staff members.

Partner in Charge, Austin office, Austin, Texas   1976 to 1980
Managed the office operations including starting a government consulting practice, strategic planning, profitability, developing business, recruiting, training and directed consulting and audit engagements in the public and private sector. Downsized office to meet client base; then rebuilt when client base increased.

Partner in Charge of Practice Development
Partner in Charge of Management Consulting, Houston, Texas   1973 to 1976

Accomplishments

Management Information System
Directed projects to assist a variety of entities, including an HMO, government agencies and wholesaler, select state of the art software and hardware. The projects included definition of user requirements, development of requests for proposal, evaluation of vendor responses, recommendations of software and hardware vendors, and assisted in negotiating contracts with the selected vendors.

Contracts
Negotiated contracts for professional services, equipment, software, office space and office supplies. Evaluated vendor proposals and contracts, identified issues, and provided recommendations to management and legal counsel to ensure compliance with requirements. These negotiations resulted in significant initial savings and ongoing annual maintenance.

Re-engineer Operations
Led a study to re-engineer the operation of the motor pool of a major Oklahoma university. As part of this project, reviewed the cost structure and rates being charged for the maintenance performed. We recommended changes in the method of allocating costs to the services being performed and a methodology for determining charges for these services.

Operations Improvement
Directed the review and evaluation of the operations of a chain of over 200 stores. Our recommendations resulted in $20,000 improved profitability per store.

Performance-Based Compensation System
Developed a performance-based incentive compensation system for all permanent employees of a Master Planned Golfing Community. The computer-based compensation model included customized performance and management-by-objective criteria, projected next year's salary and year-end bonus allocations based on performance scores, merit increases and bonus pool.

Publications and Presentations
Presentations to various organizations on technical subjects relating to IT, IT auditing and controls, financial management and accounting.
Wrote a monthly column for *C-Store Business* magazine.
Conducted financial, fringe benefit and inventory management seminars for the National Association of Convenience Stores.

Professional Activities
American Institute of Certified Public Accountants, Current Member
National Association of State Chief Information Officers, Current Board of Directors
Oklahoma Society of Certified Public Accountants, Current Member
Institute of Management Consultants, Former Member
National Association of Convenience Stores, Former Member
    Annual Compensation Survey, Seminar Instructor and served on three task forces
Deloitte & Touche Committees, Retired Partner
    Partner Compensation Task Force
    Food and Consumer Product Industry Planning Committee
    Recruiting Task Force for Management Consultants

Community Organizations
Allied Arts Foundation, Inc. - - Past Chairman, Secretary-Treasurer, Executive Committee and Board of Directors
Catholic Foundation of Oklahoma - - Past President, Chairman of Investment Committee and Board of Directors
Economic Club of Oklahoma - - Current Member - - Past President and Board of Directors
Junior Achievement - - Past Chairman and Treasurer, Executive Committee and Board of Directors
Oklahoma City Philharmonic - - Current Past President and Board of Directors

Education
Tulane University, New Orleans, Louisiana
Master of Business Administration in Accounting
Bachelor of Business Administration

Ralph J. Smith Jr.

Objective: Utilizing over 30 years of experience, knowledge and skills in information technology field while working and training others.

Work Experience:

Information Systems Planning Specialist, Level IV   **12/06-Present**

Assigned responsibilities include overall tactical and long range planning and leadership for developing information systems infrastructure to meet agency requirements for telecommunications and information technology. This includes radio, telecommunications, computer processing systems and other forms of voice and data technology. This includes the statewide backbone fiber and copper infrastructure. Aid users, senior management and others to identify and define long-range information services infrastructure requirements, develop a plan of approach, determine costs and resources required, and provide project leadership for key technology initiatives. Serve as project manager on various telecommunications projects and initiatives in implementing new technologies or integrating systems across agency or technology lines; Identify and define deviations from plan requirements and provide for modifications or changes to meeting user needs. Daily supervised information systems planners to support the statewide fiber and copper infrastructure.

Information Systems Planning Specialist, Level III   **12/03- 12/06**

As IS Planner III, I planned, managed, provided oversight and quality assurance on data communication cabling projects throughout the State of Oklahoma. Provide knowledge and skills including fiber and copper cabling standards, quality practices and procedures, data communications technology standards, and testing techniques (including associated toolsets). My duties incorporated project management methodology, measurements standards and business practices. Skills and abilities include understanding technical principles, theories, concepts and cabling technologies to complete assigned tasks. Responsibilities included the installation, maintenance and repair of the State Fiber Optic Infrastructure throughout the State of Oklahoma.

Information Systems Network Management Specialist, Level III   **09/01-12/03**

Designed, developed, administrated and maintained various telecommunications and computer networks. This includes operating systems and related services such as equipment installation, coordination of repair services, and billing/ budgeting requirements. My responsibilities included servicing two division branches that consisted of five individual Local Area Networks (LAN) and over 150 workstations with associated peripheral equipment.

Assistant Engineer for Telecommunication Central Office Equipment (COE)   **11/00 – 09/01**

Assistant Engineer for COE; my primary responsibilities involved assisting senior staff personnel in the planning, designing and coordination of equipment installation for independent rural telephone companies. Provided professional consultation to customers in the procurement, upgrade and maintenance of telecommunication switches and associated peripheral equipment. Accessed client switches to determine proper system configuration, isolate faults and provide corrective action when necessary.

Information Technology Project Manager   **10/99 – 11/00**

Analyzed requirements, developed, and documented communication optimization plans. Served as project manager for department approved communications network plans while documenting all milestones and maintaining project data in MS-Project format. Installed and removed communications equipment as requested by customers for configuration management. Planned and coordinated remote communication optimization in conjunction with centralized communication

office initiatives and support. Planned, wrote, coordinated and directed Level 1 Network support training. Provided operational documentation to Government Technical Management and technical points of contacts as needed. Assisted acquisition personnel in the budgeting and procurement requirements process for automated equipment in branch offices.

Assistant Network Installation Technician   09/98- 08/99

Assistant network installation technician; my responsibilities included organizing and directing network equipment installations and site surveys, supported the assessment and documentation of current communication network configurations and user requirements, directed preparation of engineering plans and site installation technical design packages with associated departments. Prepared, directed and lead preparation of drawings and documentation of configuration installation and test reports for center upgrade projects. Assisted senior technicians during the configuration and installation of personal computer hardware and software as required.

Computer Training Instructor   08/96 – 09/98

Planned, designed, coordinated, managed, and served as lead instructor for network training program created for system network personnel in support of customers. Surveyed trainees to determine future enhancements to the programs and changing in training. Installed and configured network hardware as directed by Senior Network technicians in the installation of Local Area Network hardware including routers, hubs, and concentrators. Determined potential upgrades and enhancements to existing hardware and software by analyzing associated network design of Defense MegaCenter LAN. Installed and configured Quick-tape Magnetic Tape Management System.

Military Experience: 07/93-04/96
United States Air Force

Superintendent of the Regional Processing Center; considered a craftsman in the field of telecommunication store and forward system operations. Managed problem analysis functions for 80 assigned personnel in the Defense MegaCenter Oklahoma City, (Regional Processing Center (RPC)). As Unit's Senior Military Advisor, advised Senior Management Staff on issues involving enlisted personnel. Led, guided, interpreted policies and goals for career development of assigned enlisted subordinates. Provided direct consultation to senior management concerning enlisted personnel performance and conduct under military regulations. Coordinated DMC OKC RPC activities for four Major Commands (MAJCOM's) the Air National Guard (ANG), HQ Air Force Reserve (AFRES) and other units across the Midwestern United States. Expertly managed Functional Transition Sub-Team, wrote, coordinated, and implemented comprehensive transition plan for workload transfer to Tinker AFB Base Network Control Center (BNCC). Professionally directed Daily Production Meeting, reviewed operational processes, and identified problems affecting customer service developing fixes to correct those problems. As Non-Commissioned Officer in Charge (NCOIC) of the Customer Service Center, Supervised daily operations providing efficient data processing service for connected customers within the Operations Center. Alerted customer's of planned and unplanned outages utilizing the Responsive Problem Tracking System. Assistant Supervisor for the System Management Center (SMC) DMC-OKC RPC; my responsibility included reporting network and system failures, coordination of network maintenance through commercial vendors and to provide direct customer support to connected clients. Supported connected customers by reporting individual systems failures and outages, scheduled maintenance repair, and troubleshooting to identify problems affecting connected services. Supported system connectivity through five standard base level computer platforms and connected peripheral equipment. Operated advance automated ACD equipment to direct, coordinate and report network and system degradation. While functioning as Special Projects Manager, advised senior (civilian) management on military issues pertaining to administrative affairs, regulations, and commitments. Within a 24-hour time span effectively relocated the SMC Helpdesk staff (19 personnel) and associated equipment.

Education*

Webster University	Master of Arts –Computer Resources & Information Management-	October 2002
Oklahoma City University	Bachelor of Science- Technical Management	May 2000
Project Management Institute	Certified Project Management Professional	May 2009

*   Completed all Degree work from 1996 thru 2002 while working full time position.

Ralph Smith

Job-Related Honors, Awards, Memberships, etc:

Telecommunications Project Management Association (TPMA) (Inside / Outside Plant) 2008
Adjunct Professor / College for Working Adults: Saint Gregory's University. OK
Oklahoma City University   Alpha Sigma Lambda National Honor Society-Omicron Chi

Job Related Training:

1) Designing Telecommunication Distribution Systems   (BICSI)
2) Site Survey and Media Selection   (BICSI)
3) Customer Owned – Outside Cable Plant Design   (BICSI)
4) Designing IT Networks   (BICSI)
5) Fiber Optic Network Design   (BICSI)
6) Project Management Program   (BICSI)
7) Basic Construction & Staking Survey School
8) Information Transport Systems (Installer 2)   (BICSI)
9) Leviton Voice & Data Factory Training for Copper & Fiber Installations
10) AutoCad 2007 Level 1 & II
11) Attended numerous Cabling Standards Schools (2003- 2006)
12) ArcGIS Level 1 & II
13) Telecommunication Project Management Certified (IT-PM)
14) Telecommunication Project Management Certified (OSP-PM)
15) Business Analyst Fundamentals
16) Business Analyst Boot Camp
17) Foundation Certificate in IT Service Management (ITIL)
18) Microwave Fundamentals
19) 4G Wireless Fundamentals

OKLAHOMA ASSOCIATION OF COMMUNITY COLLEGES

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Support for Oklahoma's Broadband Stimulus Application

Dear Mr. Fleckinger,

The Oklahoma Council of Two Year Presidents has voted unanimously to support Governor Brad Henry's application to develop and improve broadband infrastructure within Oklahoma.

Community Colleges play a critical role not only in educating and training youth, but also in providing communities with broadband access to the internet. The internet services made available by these anchor institutions are important to low income, elderly, unemployed, disabled and other vulnerable population groups as well as to our students.

Most of Oklahoma's Community Colleges are located in smaller cities and have been unable to keep up with the growing internet demands placed on our campuses. This is particularly true for our institutions with residence halls. Due to restrictions on the amount and speed of available connectivity at many of our sites, we cannot offer the same level of education or training afforded students and community members at more urban settings. Further, reductions in state funding have presented additional challenges in meeting bandwidth and technology demands. Despite our repeated efforts, we have been unable to improve our broadband access at these locations.

Oklahoma's Community College enrollments have increased dramatically by more than 10 percent system wide and as much as 25 percent in some cases These critical anchor institutions are encountering increased demand for their internet services but have fewer resources to meet those needs. In some instances our institutions are not only falling behind in the types and amount of broadband-based education that can be offered, but are also experiencing "crashes" due to demand exceeding capacity.

Increased funding for significantly upgraded broadband services at Oklahoma's Community Colleges will:

- Allow Community Colleges to provide a more robust offering of online education, including video conferencing and media-rich materials similar to those being offered by our urban counterparts.

- Allow Community Colleges to expand their computer and internet access capabilities for the general public, which is critically important in these times of economic distress.

- Bring additional broadband capacity into the community for local providers to extend to businesses and residences in our community.

- Encourage the purchase of computers and other technology hardware.

- Promote residential broadband adoption, as expanded programs will educate consumers about the use of computers and internet technology and help them become more comfortable adopting these services at home.

Rural Oklahomans will benefit from development and expansion of the broadband infrastructure in the State. Rural citizens in Oklahoma will gain faster and less expensive access to electronic news, weather, and medical and emergency services information. Internet access to weather and traffic information during severe weather will help safeguard lives. Ambulances and first responders with mobile data capability will be better able to quickly respond to emergencies

New opportunities will be opened to our rural citizens and students through the exchange of information and online marketing. Therefore, businesses will be in better positions to compete for jobs globally. Local Governments and schools who decide to use this service will benefit from significantly more network capacity and increased functionality. Short and long term job growth will be stimulated. Fiber installation jobs in the short term and new economic development opportunities for long term growth can be realized. Generally, the quality of life in Oklahoma's remote, un-served and underserved areas will be enhanced as a result of the improved services provided by the broadband infrastructure that will be built with an award of the requested grant.

On behalf of Oklahoma's Council of Two Year Presidents, we heartily endorsed Governor Henry's Broadband Stimulus Application for Oklahoma.

Sincerely,

Paul W. Sechrist, Ph.D.
Chair, Council of Oklahoma Two-Year College Presidents

Gary Davidson
Executive Director, Oklahoma Association of Community Colleges

STATE OF OKLAHOMA

OKLAHOMA DEPARTMENT OF LIBRARIES

March 25, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

Dear Mr. Fleckinger:

SUBJECT: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)
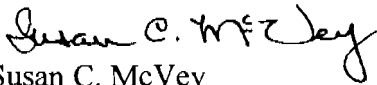
The Oklahoma Department of Libraries wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle-mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application.

Once implemented, public libraries in Oklahoma will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade available higher speed connectivity and provide more reliability at an affordable price that will enable libraries to better serve their communities. The Oklahoma Department of Libraries submitted a Public Computing Center grant that is linked to the state's Comprehensive Community Infrastructure application. If both grants are funded, more public libraries will be served than by our grant alone and the costs will be more sustainable.

We anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our state. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to public libraries and the surrounding community, I strongly encourage the NTIA to award grant funding to the state of Oklahoma for this very worthwhile project.

Sincerely,

Susan C. McVey
Director

HUBSITES

OneNet®
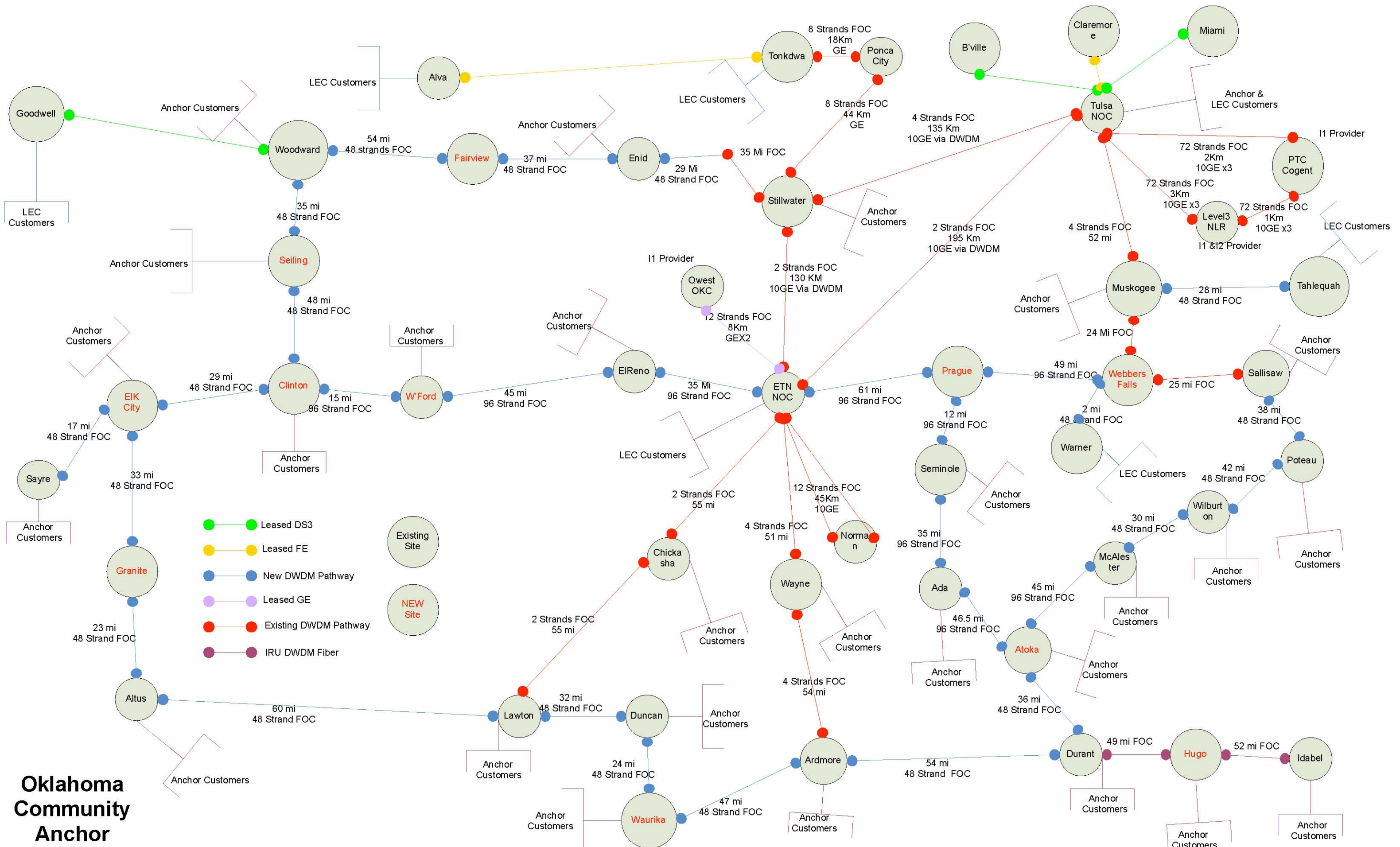Oklahoma's Telecommunications Network
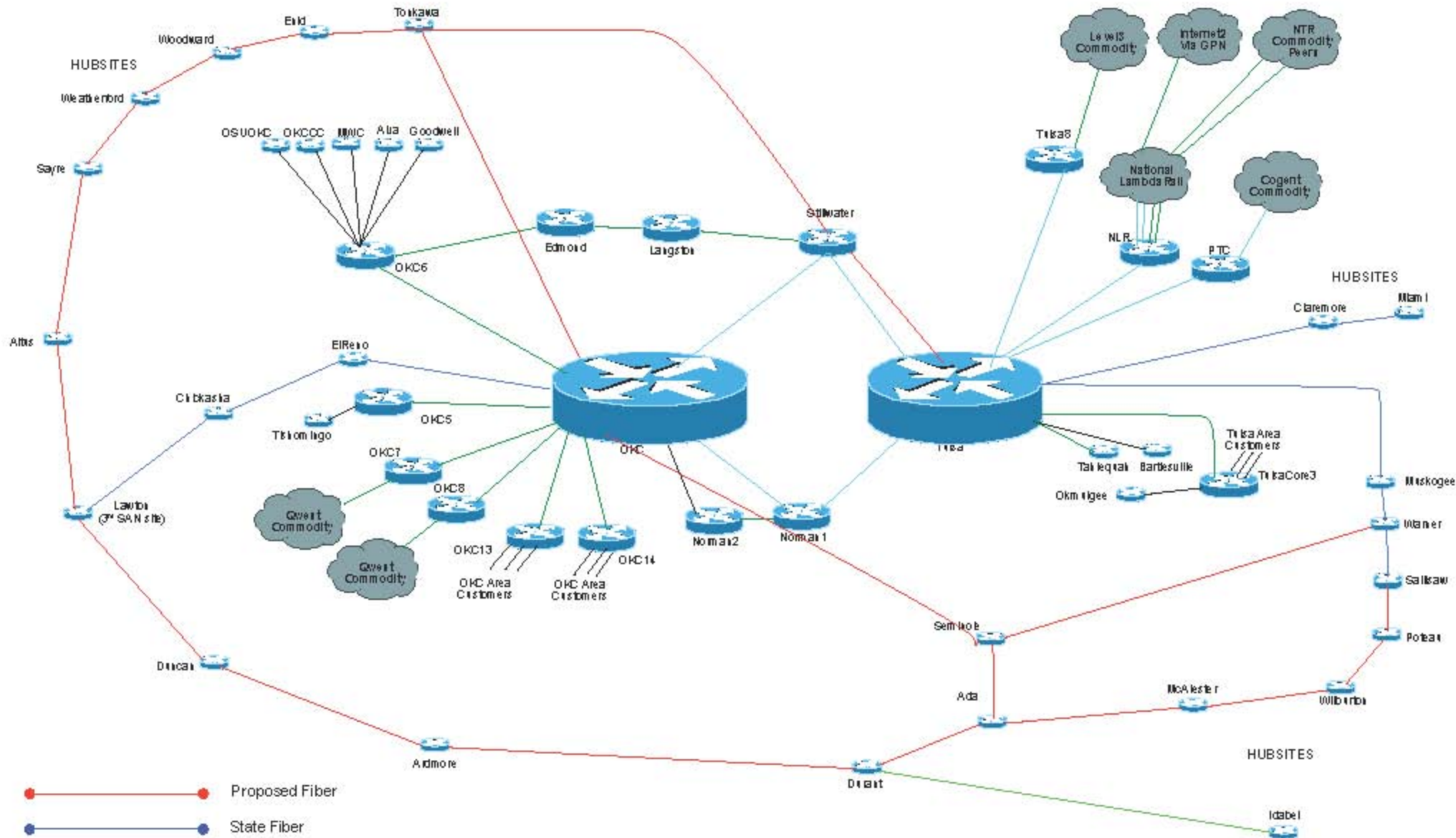
Legend:
- Proposed Fiber
- State Fiber
- Ten Gigabit Ethernet – 10000 Mbps
- Gigabit Ethernet – 1000 Mbps
- IRU Fiber
- Digital Land Line DS3 - 45 Mbps

Last Revised 3/19/2010

Oklahoma Community Anchor Network

Legend:
- Leased DS3 (green)
- Leased FE (yellow)
- New DWDM Pathway (blue)
- Leased GE (violet)
- Existing DWDM Pathway (red)
- IRU DWDM Fiber (purple)
- Existing Site
- NEW Site

March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

The Lawton Indian Hospital wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application which will enhance health care delivery throughout all of Oklahoma.

Once implemented, the Lawton Indian Hospital will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity from the current DS-3 to Gigabit and provide more reliability that will enable us to better serve our constituents in a more efficient and effective manner and provide the requisite infrastructure to support telemedicine and electronic medical record applications.

In addition to enhancing our health and welfare mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to the Lawton Indian Hospital and the surrounding community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Greg Ketcher, CIO
Lawton Indian Hospital

March 24, 2010

Mr. Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

Re: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

Cameron University wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we enthusiastically offer support to this grant application and commit facilities to house key network components vital to the OCAN infrastructure.

Once the route is implemented, Cameron University will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable Cameron to serve students in a more efficient and effective manner.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to Cameron University and the Lawton/Fort Sill community, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Cynthia S. Ross
President

CSR/merg

CHEYENNE AND ARAPAHO TRIBAL COLLEGE

March 22, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

The Cheyenne and Arapaho Tribal College (CATC) wishes to express its commitment as an Anchor Institution in Oklahoma's proposal to develop a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application.

Once implemented, CATC will benefit greatly from the direct fiber connection. Specifically, it will substantially upgrade our connectivity and provide more reliability that will enable us to better serve our students in a more efficient and effective manner. With the option of enhanced broadband connections, CATC will be better equipped to provide virtual classrooms and videoconferencing for Native American language education.

In addition to enhancing our teaching and learning mission, we anticipate this broadband middle mile route will provide the essential framework that can promote economic development in our area. Through open access to the funded infrastructure, key fiber assets can be made available to local telecommunications companies who can then provide the much-needed last mile component to our rural citizens and businesses.

Recognizing the long-term benefits both to CATC and the surrounding community, especially the Native American Language Education initiative, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Alden Whiteman

Alden Whiteman, Vice President
Cheyenne and Arapaho Tribal College

cc: President CATC

March 24, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear Mr. Fleckinger:

OneNet, an operational division of the Oklahoma State Regents for Higher Education and the state's official telecommunications network, strongly supports and endorses the Oklahoma Community Anchor Network (OCAN) and its goal of developing a broadband middle mile fiber infrastructure throughout strategic areas of the state. As an active partner in the development of the application, OneNet recognizes the true benefits it will bring to both public and private interests throughout the state.

As a Regional Optical Network (RON) and member of the National LambdaRail and Internet2, we enjoy significant bandwidth on a national and international basis. However, middle mile capacity within the state has presented distinct challenges in supporting the telecommunications needs of our community anchor institutions. We have worked closely with the local commercial providers to expand broadband in specific areas, but we have not been able to secure the requisite capacity. The fiber routes and technologies within OCAN will certainly address this critical issue by allowing Oklahoma to enhance its public and private telecommunications infrastructure.

OneNet has a 30-year legacy of supporting distance education throughout the state. In the last academic year alone, the network delivered over 550,000 higher education credit hours originating from our 25 public colleges and universities. OCAN will provide the requisite infrastructure that will enable OneNet to sustain this extraordinary method of delivery – assuring that traditional and non-traditional students have access to educational opportunities, regardless of their location.

In closing, I again want to express our enthusiasm to be an active participant in this exciting endeavor.   These vital dollars directed at middle mile infrastructure will enable us to further our mission as a RON and the missions of the constituents we serve.

Sincerely,

Kurt A. Snodgrass
Vice Chancellor for IT and Telecommunications

BTOP Comprehensive Community Infrastructure
Project Plan and Build-out Timeline
Oklahoma Community Anchor Network (OCAN)

Time Period	Quarter	Milestones	Support for Reasonableness/Data Points
Year 0	-	• List all relevant milestones **Notification of Receiving BTOP CCI Grant Award 7-1-10**	• Assuming notification on 7-1-10.
Year 1	Qtr. 1	• List all relevant milestones **Conceptual Design** **Acquisition of Railroad Permits** **Environmental Studies** **Contracting Process**	• Parallel activities will be: • The Conceptual Design will be started identifying all railroad permits, and hut sites that will require special designs and approvals. Network design will be started. • Start Environmental Studies process • Setting up contract process to hire consultants to develop plans and inspection procedures.
	Qtr. 2	• List all relevant milestones **Develop Preliminary Construction Plans** **Field Review Survey** **Hydrology & Hydraulic Design**	• Five Consultants will be brought on for each ODOT field division or region, this will allow parallel development of plans in 7 different regions. Each consultant will handle the development of about 200 miles of middle and last mile plans, connection details for the anchor institutions. ODOT will act as the prime consultant over seeing regions, anchor institutions, and plan development. Network design will be completed. • Midway into this quarter, and special field and hydraulic designs will be developed.
	Qtr. 3	• List all relevant milestones **Develop Preliminary Construction Plans (cont)** **Final Design** **Final PS&E Submission** **Authorize Funds for Project**	• Finish completing construction plans, acquiring railroad permits, local city permits, and specifications. • Finalize the construction plans to include pay items, specifications, procedures, plans, permits, and develop the Final Completed plans for 7 regions. Plans approved and authorized for letting.
	Qtr. 4	• List all relevant milestones **Construction Letting Process** **Letting Process and Construction Letting**	• Plans are submitted for letting, advertising, letting, and awarded to lowest bidders for each region for the construction process.

		Construction Contract Awarded	
Year 2	Qtr. 1	• List all relevant milestones **Seven Construction companies are chosen, one for each region. Pre-Work Meeting is held with each to explain milestones and timeline objectives.** **Contractors start work.**	• Each region has time allotted for the mileages and amount of work to be done for that region. • Contractors will be required to run a minimum of two construction crews achieving a minimum of 8000 ft a day, of installed conduit, and ground boxes. • First Quarter estimate 15% of conduit to be installed
	Qtr. 2	• List all relevant milestones **Different contractors will be working in seven different regions** **Division / Region 1** **Division / Region 2** **Division / Region 3** **Division / Region 4** **Division / Region 5** **Division / Region 6** **Division / Region 7**	• Parallel construction will include: • Site preparation of communication huts locations. • Outside plant construction of backbone, conduit, fiber, huts, etc. • Inside plant construction at anchor institutions, and last mile builds back to backbone fiber. • First Quarter estimate 49% of conduit to be installed • Fiber will just be started 14% pulled in.
	Qtr. 3	• List all relevant milestones **Construction Continues** **Division / Region 1** **Division / Region 2** **Division / Region 3** **Division / Region 4** **Division / Region 5** **Division / Region 6** **Division / Region 7**	• Parallel construction continue and include: • Site preparation of communication huts locations. • Outside plant construction of backbone, conduit, fiber, huts, etc. • Inside plant construction at anchor institutions, and last mile builds back to backbone fiber. • First Quarter estimate 67% of conduit to be installed • Fiber will just be started 40% pulled in. • Testing begins • Network installation begins
	Qtr. 4	• List all relevant milestones **Construction Continues** **Division / Region 1** **Division / Region 2** **Division / Region 3** **Division / Region 4** **Division / Region 5** **Division / Region 6** **Division / Region 7**	• Parallel construction continue and include: • Site preparation of communication huts locations. • Outside plant construction of backbone, conduit, fiber, huts, etc. • Inside plant construction at anchor institutions, and last mile builds back to backbone fiber. • First Quarter estimate 85% of conduit to be installed • Fiber will just be started 72% pulled in • Testing Continues • Network installation continues

Year 3	Qtr. 1	• List all relevant milestones **Construction Continues** **Division / Region 1** **Division / Region 2** **Division / Region 3** **Division / Region 4** **Division / Region 5** **Division / Region 6** **Division / Region 7**	• Parallel construction continue and include: • Site preparation of communication huts locations. • Outside plant construction of backbone, conduit, fiber, huts, etc. • Inside plant construction at anchor institutions, and last mile builds back to backbone fiber. • First Quarter estimate 95% of conduit to be installed • Fiber will just be started 90% pulled in • Testing Continues • Network installation continues
	Qtr. 2	• List all relevant milestones **Construction Continues** **Division / Region 1** **Division / Region 2** **Division / Region 3** **Division / Region 4** **Division / Region 5** **Division / Region 6** **Division / Region 7**	• Parallel construction continue and include: • Site preparation of communication huts locations. • Outside plant construction of backbone, conduit, fiber, huts, etc. • Inside plant construction at anchor institutions, and last mile builds back to backbone fiber. • First Quarter estimate 100% of conduit to be installed • Fiber will just be started 100% pulled in • Testing Continues • Network installation continues
	Qtr. 3	• List all relevant milestones **Construction Continues**	• Network Installation Completed • Network Equipment turned on, and bring on line anchors institutions. • As builts completed
	Qtr. 4	• List all relevant milestones	•

Service Area	[Oklahoma Community Anchor Network (OCAN)]												
		YEAR 1				YEAR 2				YEAR 3			
	YEAR 0	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Infrastructure Funds													
Infrastructure Funds Advanced (estimate)		18000		875000	875000	6067858	18202973	18202973	18204775	5775844	4775845	100000	
Percentage of Total Funds		.02		1.18	1.18	8.20	24.60	24.60	24.60	7.81	6.45	1.35	
Entities Passed & %													
Households		0	0	0	0	0	132,140	377,544	679,578	849,473	943,859		
Percentage of Total Households							14	40	72	90	100		
Businesses		0	0	0	0	0	7,830	22,370	40,267	50,333	55,926		
Percentage of Total Businesses							14	40	72	90	100		
Community Anchor Institutions		0	0	0	0	0	162	462	831	1039	1154		
Percentage of Total Institutions							14	40	72	90	100		

March 26, 2010

Larry Strickling, Administrator
National Telecommunications and Information Administration
1401 Constitution Avenue, Northwest
Washington, District of Columbia   20230

Re: Oklahoma Community Anchor Network (OCAN) Application

Dear Administrator Strickling:

Please consider this an enthusiastic endorsement for the State of Oklahoma's OCAN application. As Secretary of Commerce and Tourism, I know firsthand how critical it is for the state to expand its broadband infrastructure for commerce and tourism, the development of a quality and well trained workforce, and improved access to education.

Oklahoma's OCAN application is a collaborative effort among state, local and tribal entities and numerous private sector partners. These business and community leaders understand that the development of comprehensive broadband infrastructure in rural Oklahoma is critical to the sustainability and growth.

Economic development depends on the ability to communicate. For states such as Oklahoma that have a significant rural base and are geographically large, access to broadband provides a greater opportunity for meaningful economic development. From a business development perspective, OCAN's broadband plan will provide the telecommunication tools necessary to connect rural Oklahoma with the global economy.

The successful funding of OCAN's plan for broadband development will provide life changing opportunities for our citizens. I encourage your positive consideration of Oklahoma's application.

Sincerely,

Natalie Shirley
Secretary of Commerce and Tourism

STATE OF OKLAHOMA

OKLAHOMA HEALTH CARE AUTHORITY

March 26, 2010

Joe Fleckinger
Deputy Director of Information Technology
Office of State Finance
2209 N. Central
Oklahoma City, OK 73105

RE: Letter of Commitment for Oklahoma Community Anchor Network (OCAN)

Dear. Mr. Fleckinger:

The Oklahoma Health Care Authority (OHCA) wishes to express its support for Oklahoma's Community Anchor Network (OCAN) and its goal of developing a broadband middle mile fiber route throughout the state. We understand the state will apply for a Broadband Technology Opportunities Program ARRA grant to help fund this project, and we are happy to offer support to this grant application.

Once implemented, it is anticipated that OCAN would have the ability to enhance the objectives of my organization which center around providing high quality health care to the SoonerCare (Medicaid) and Insure Oklahoma members across the state. Specifically, it will substantially upgrade connectivity to targeted rural providers and provide more reliability that will enable us to potentially serve our members in a more efficient and effective manner. This could be achieved through advanced telemedicine and, potentially, an integrated, national electronic medical records solution.

In closing, I would like to reiterate OHCA's support to the grant application. By supporting an initiative such as this, a framework will be established to provide more reliable and advanced broadband infrastructure to providers throughout all of Oklahoma. Accordingly, I strongly encourage the NTIA to award grant funding to the State of Oklahoma for this very worthwhile project.

Sincerely,

Lynn V. Mitchell, M.D., M.P.H.
State Medicaid Director

Oklahoma Community Anchor Network (OCAN)
Proposed Middle Mile Service Offerings

Name of Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing ($)	Other Comments/Description/Features or Limitations
Tiered GigabitEthernet	Point to Point	5	$150+$40/Mbps/month	
TenGigabitEthernet	Point to Point	1000	$1500+$40/Mbps/month	
Dark Fiber IRU	Distance Band		$900/strand/mile	Annual O&M of $130/route mile/year

Oklahoma Community Anchor Network (OCAN)
Competitor Data

We have an active broadband mapping grant beginning to collect data relevant for this section.
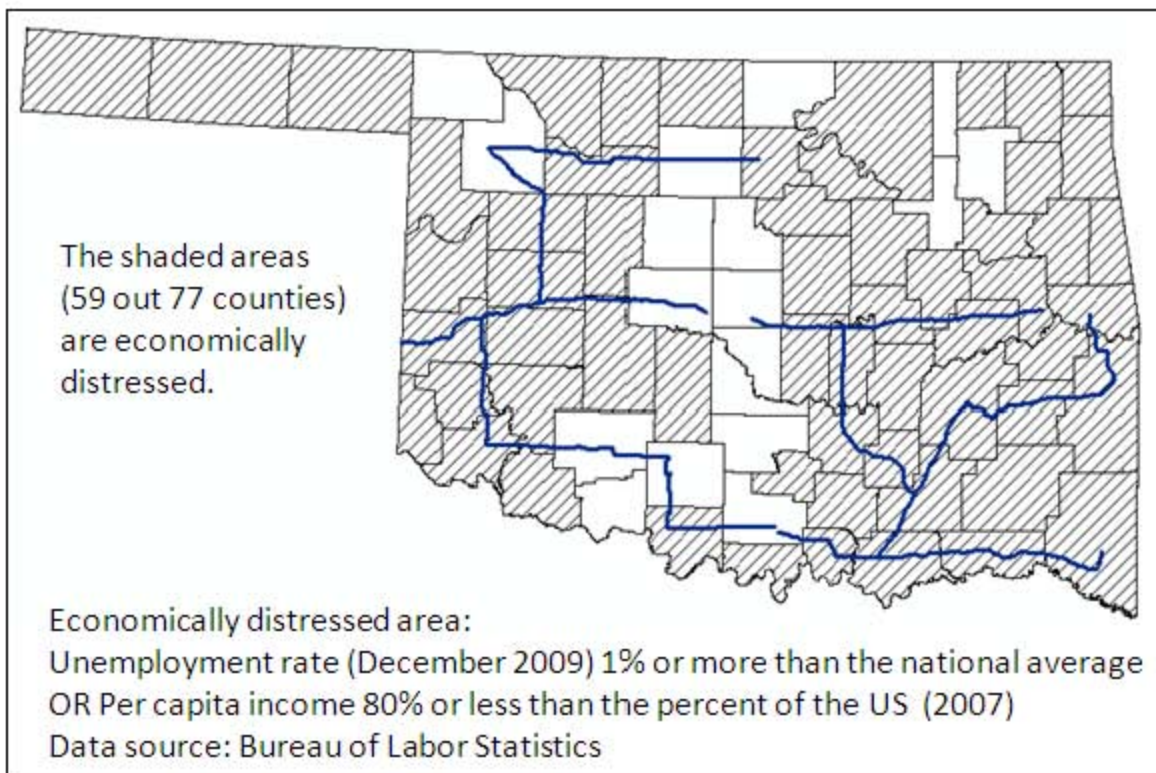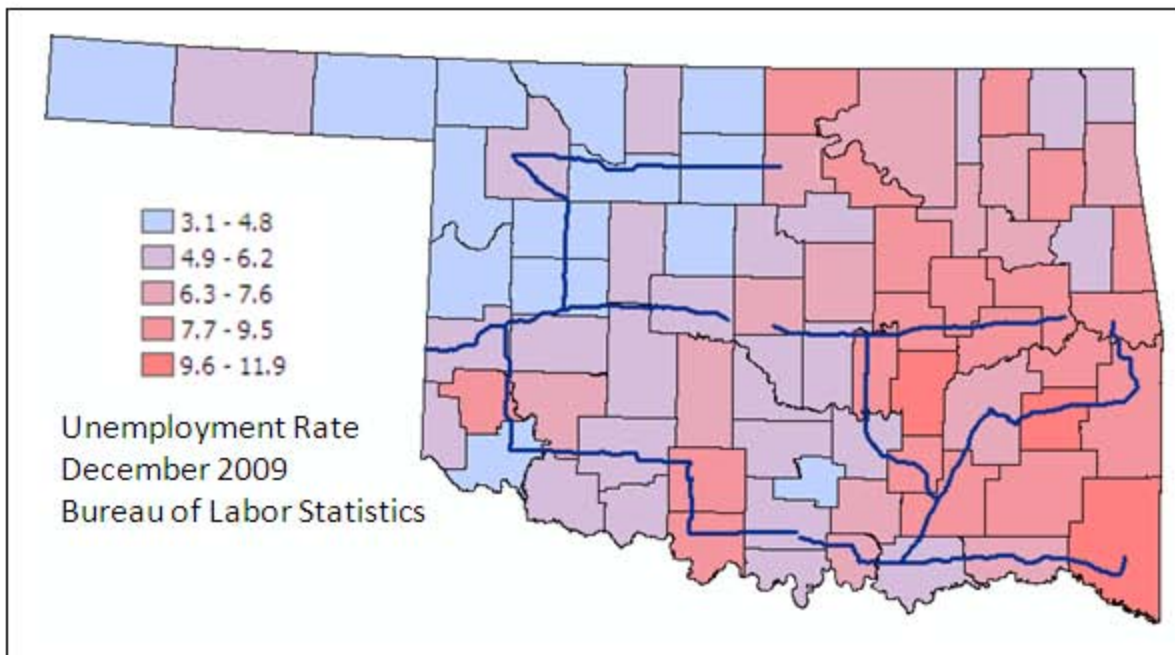
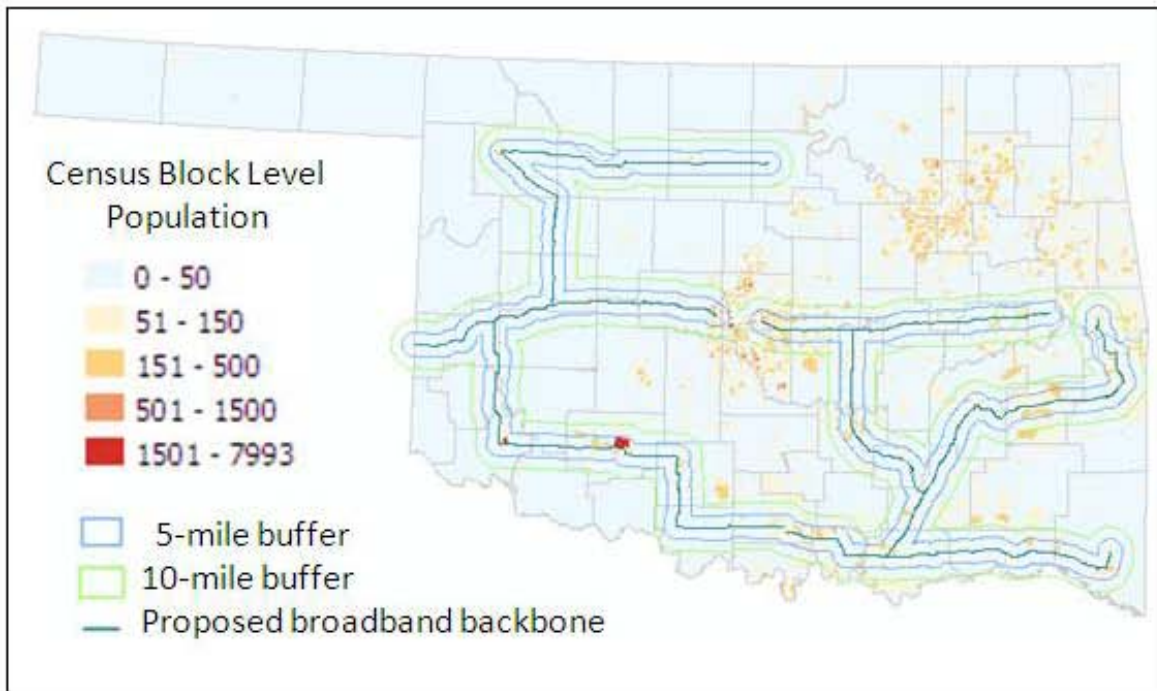**Competitor Data - Last Mile Service Providers**

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Description/Features or Limitations
COX Communications	Oklahoma City/Tulsa and surrounding areas	Cable Modem	residential	3 Mbps	32.99	
			commercial	5 Mbps	99.95	price based on 3 yr term: includes up to 10 Cox email addresses, anti-spam & Anti-virus on Cox mail, 1 Domain name hosting, local dedicated customer care support and 24/7 monitoring
Verizon	Bartlesville	DSL	residential	1 Mbps	44.99	1 yr service agreement: 9 email accounts, personal web space and site builder
			commercial			
Canadian Valley	McAlester & surrounding areas	DSL	residential	3MEG	74.95	Includes 4 e-mail address
			commercial			
AT&T	Bartlesville, Stillwater	DSL	residential			10 additional 2GB email accounts; instant messenging
			commercial			
Pinnacle	Panama and Shady Point	optical fiber network	residential	3 Meg	39.95	
			commercial	3 Mbps	94.95	
CeBridge	Woodward, Weatherford	optical fiber network	residential	2.62 Mbps		10 email accounts with 2 gigs of storage
			commerical			professional service 24/7
Cable One	Ada, Altus, Ardmore, Bartlesville	optical fiber network	residential	5.82 Mbps	53	13 Static IP included
			commercial			50 Cable One Email Accounts
						500 MB of storage/email acct
Chickasaw	Ada, Altus, Ardmore, Stillwater	DSL	residential	2.94 Mbps	65.99	
			commerical		$547.95	Prices shown require a 3-year contract, except for educational/government arrangements, where a 1-year renewable contract is allowed. There are no installation charges.
Rhino Communications	Ardmore,Duncan, Durant, Marlow, and Tishomingo	DSL	residential	3.19 Mbps	34.95	All Residential accounts include10 Email addresses and 100 MegaBytes of personal webspace
			commercial		44.95	All Business accounts include 20 Email addresses. *Each account requires a 1 year contract, the Early Cancellation Fee (ECF) is the price to terminate the contract before 12 months.
Cherokee	Achille, Arpelar, Atwood, Bokchito, Calera, Cartwright, Colbert, Hendrix, Kemp, Stuart & Yuba	ADSL	residential			
			commercial			
Windstream	Eastern Oklahoma	Cable Modem	residential	3.53 Mbps	34.99	requires home phone service
			commercial	12.0 Mbps	44.99	10 MB of free personal Web space and up to 5 free e-mail addresses
			residential	1.62 Mbps	39.95	

Provider	Service Areas	Technology	Tier	Speed	Price	Notes
Pioneer	Central and Southern Oklahoma	DSL & Wireless	commercial		149.95	up to 3Mb where available -. Includes 8 static IP addresses, E-mail boxes, E-mail aliases and web space.
Suddenlink	Enid, Stillwater	optical fiber network	residential	6.23 Mbps		10 email accounts with 2 gigs of storage
			commercial			professional service 24/7
Panhandle	Oklahoma Panhandle	cable modem/ fiber optic	residential	3.39 Mbps	44.99	
			commercial		69.99	
Wildblue	Southeastern Oklahoma	cable modem	residential	1.0 Mbps		Due to overwhelming demand, new installations in your area have been temporarily suspended. We expect additional capacity to be available in your area in a few weeks
			commercial	1.5 Mbps		
Alltel	East Central Oklahoma	DSL	residential	.86 Mbps		
			commercial		44.99	1 yr service agreement: 9 email accounts, personal web space and site builder
Sprint	North Central Oklahoma	DSL	residential	4.51 Mbps		We are suspending our effort to acquire new residential and commercial Sprint Broadband Direct customers.
			commercial			
OTT	McAlester & surrounding areas	cable modem	residential	768K	34.95	Without Connect Assist, current service charges are minimum $60 for each service call plus $60 per hour.
			commercial	6.0Mbps	74.95	connect assist costs 8.95/mo

Competitor Data - Middle Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Distance Band or Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing
AT&T		Cable	commericial	point to point	45Mb	$1125 to $3841
					100Mb	$1,087
					1Gbp	$2575 to $5219 range
Windstream		Cable	commericial	point to point	50Mb	$1,000
Cox	Metro areas	Cable	commericial	point to point	45Mb	$1500 to $5142
					10Mb	$800
					100Mb	$1,100

Unemployment Rate
December 2009
Bureau of Labor Statistics

Legend:
- 3.1 - 4.8
- 4.9 - 6.2
- 6.3 - 7.6
- 7.7 - 9.5
- 9.6 - 11.9

The shaded areas
(59 out 77 counties)
are economically
distressed.

Economically distressed area:
Unemployment rate (December 2009) 1% or more than the national average
OR Per capita income 80% or less than the percent of the US (2007)
Data source: Bureau of Labor Statistics

Census Block Level Population

- 0 - 50
- 51 - 150
- 151 - 500
- 501 - 1500
- 1501 - 7993

☐ 5-mile buffer
☐ 10-mile buffer
— Proposed broadband backbone

Block Demographic Statistics

buffer around the proposed BB	outside	5 miles	5-10 miles
total number of blocks	114997	40213	26375
total population 2000	2122664	846388	605886
total white	1636045	650828	438591
total black	137286	66638	64640
total american indian	182573	63409	37728
total asian	26668	10837	10619
total hawaii	960	1115	360
total other races	39327	17950	27590
total hispanic	89286	40849	53756
total age 5 or under	402947	162508	114411
total 5-17 years old	133107	54222	34471

buffer around the proposed BB	state total	outside of % total	0-5 miles of % total	5-10 miles of % total
total number of blocks	181585	63.33%	22.15%	14.52%
total population 2000	3574938	59.38%	23.68%	16.95%
total white	2725464	60.03%	23.88%	16.09%
total black	268564	51.12%	24.81%	24.07%
total american indian	283710	64.35%	22.35%	13.30%
total asian	48124	55.42%	22.52%	22.07%
total hawaii	2435	39.43%	45.79%	14.78%
total other races	84867	46.34%	21.15%	32.51%
total hispanic	183891	48.55%	22.21%	29.23%
total age 5 or under	679866	59.27%	23.90%	16.83%
total 5-17 years old	221800	60.01%	24.45%	15.54%