



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

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A. General Application Information

1. Applicant Information

1-A. Name, Address, and Federal ID for Applicant

i. Legal Name:	Lane Council of Governments
ii. Employer/Taxpayer Identification Number (EIN/TIN):	936014373
Street 1:	859 Willamette Street
Street 2:	
City:	Eugene
County:	Lane
State:	OR
Country	United States
Zip/Postal Code:	97401-2910

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:

Prefix:	
First Name:	Milo
Middle Name:	R
Last Name:	Mecham
Suffix:	
Telephone Number:	541-682-4023
Fax Number:	
Email:	mmecham@lcog.org
Title:	Program Manager



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1-C. Other Required Identification Numbers	
i. Organizational DUNS:	107957268
ii. CCR # (CAGE):	3H7W4
iii. Funding Opportunity Number:	1
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BIP CFDA Number: 10.787 BTOP CFDA Title: Broadband Technology Opportunities Program BIP CFDA Title: Broadband Initiatives Program

1-D Eligible Entities

Please classify your organization. (Note: If there are multiple organizations involved in the project, designate the lead applicant that would enter into a Loan or Grant agreement with the Agency and assume operational and financial responsibility should an award be made). **Local, State, or Other Government Entity**

1-E. RUS Borrower Status

No

1-F. Applicant Federal Debt Delinquency Explanation

Is the Applicant Delinquent On Any Federal Debt? **No**
Federal debt delinquency Explanation:

2. Project Description & Project Title

2-A. Project Title: Oregon South Central Regional Fiber Consortium Lighting the Fiber Middle Mile Project

2-B. Project Description: The Oregon South Central Rural Fiber Consortium Lighting the Fiber Middle Mile Project will bring broadband at needed speeds over currently dark fiber path from Eugene to Klamath Falls, and from Eugene to Roseburg in Douglas County, to community anchor institutions in unserved and underserved portions of Lane, Douglas, and Klamath counties in Oregon, including Klamath Tribal institutions.



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3. Application ID for Multiple Submissions for Identified Service Areas:

4. Rural Area Determination

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

No

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

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

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

- c) BTOP Infrastructure category for which you are applying.

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

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

B. Eligibility Factors

7. Application Submission

BIP and BTOP Factors Selected By Applicant:

Applicant has submitted a completed application and provided all supporting documentation required for the application.

The Project will be substantially complete within 2nd year from the award date, and the project will be fully



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complete by the end of the 3rd year from the award date.
For projects seeking more than \$1 million funding, the Applicant agrees to submit a certification, from a Professional Engineer, that attests that a) the system will deliver the stated performance; and b) the projected project will be substantially completed within two years, and fully completed within three years.
The Applicant provides two-way data transmission with advertised speeds of at least 768 kbps downstream and 200 kbps upstream.
Applicant understands and agrees to comply with the nondiscrimination and interconnection obligations outlined in the NOFA.

Additional Factors for BIP Selected By Applicant

Additional BTOP Factors Selected By Applicant
<ul style="list-style-type: none"> • Conformity with Statutory Purposes • Cost Sharing/Matching • Reasonableness of Project Budget
The project advances at least one of the statutory purposes for BTOP
Applicant has provided documentation that the project would not have been implemented during the grant period without federal grant assistance.
Applicant has provided a budget that is appropriate to the proposed technical solution and only includes eligible costs.



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

7-k. Cost Sharing/Matching Fund Explanation
--

C. Executive Summary

Executive Summary of Project for BIP and BTOP:

8. Infrastructure Projects Executive Summary

The Lane Council of Governments' Rural Fiber Consortium Lighting the Fiber middle mile project is designed to bring broadband at needed speeds to community anchor institutions in unserved and underserved portions of Lane, Douglas and Klamath counties in Oregon. The combined area of the three counties is 15,990 square miles, larger than at least eight states. The total area served by the Consortium project will be approximately the size of New Jersey or Vermont.

While some of the areas to be served have available the minimal broadband services defined by the Recovery Act, the community anchor, public safety and critical community organizational users of the area lack the broadband services that they need to operate efficiently. The area hospitals need a direct Ethernet service to allow them to establish a centralized record system with their branch offices. The medical clinics in the entire area need better connections so that they can better serve their patients. The emergency first responders need a secure, reliable broadband service system that allows them to communicate with each other. Libraries and community centers cannot provide the broadband connectivity they need to bring in patrons, or to provide the services for their users.

Fiber optics systems consist of four general elements. This project brings with it the first, and in some ways, most difficult to obtain element: the long haul connectivity. The Lane Council of Governments has obtained commitments for developing a fiber network that runs through



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the metropolitan area of Eugene and Springfield and into the rural areas of Lane, Douglas and Klamath Counties. But by itself this backbone is not enough. With BTOP funding to provide support for the construction of lateral fiber connections and the installation of the optronics, this project will provide necessary services to the three county region.

LCOG has also investigated the fourth and final element; the service provider. LCOG does not intend to provide that service itself, but to contract for it. While final arrangements cannot be made until the project is underway, LCOG has secured commitments for major portions of the routes and has expressions of interest from multiple providers for the other segments of the project.

When completed this project will add to the service opportunities in 16 cities in the three county area, and also to four unincorporated communities or areas within the three counties. Because of the nature of the backbone infrastructure available for this project, the communities radiate out to the north, west, south and southeast of the Eugene Springfield area.

Using the 2000 US Census data, the project will pass a population of over 250,910. The largest city in the area to be served, Eugene, has a population of 137,893. No other community except Springfield (52,864) has a population of more than 20,000. The smallest reported city is Chiloquin, with a population of 716. Nine of the communities are under 5,000 in population. The unincorporated communities of Chemult and Tricity, and Days Creek and the Willamette Pass area have no reported population because they are not large enough to appear as communities in the census data.

In the same way, the census does not report the number of households for these communities, so to say that there are 104,354 households within the project area, according to the 2000 census is to underestimate the number of households by at least several dozen, perhaps a hundred or so. The reports on the number of businesses is also limited by the data at hand. Ten of the cities and unincorporated communities are too small to report to the census on the number of businesses. Again, therefore, the accumulated census estimate of 6,786 businesses is underreporting the actual number, because there are businesses in all these areas, even if they are too small to appear in the census reports.

While this project will pass a number of households and thus open the possibility of improved



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broadband services to all those households, this is a middle mile project, not proposing to provide direct service to any residences of businesses other than medical facilities. This middle mile project does propose to bring broadband services to 11 community anchor institutions, public safety entities and critical community organizations. These range from the Klamath Tribal Medical clinic in Chiloquin to the new police headquarters in the City of Eugene. They include school buildings, entire schools districts, libraries, community service centers housing social service agencies, hospitals and fire districts (which provide ambulance services). None of the community anchors, public safety agencies and critical community organizations that this project proposes to connect now have adequate broadband services.

These target users lack broadband because the cost to obtain the services they need is too high. In many cases the problem is that the service just does not exist. This project will address that problem. When completed, the project will bring a minimum level of service of 100 megabit Ethernet to each direct connection. For most of the service area the optronics will be installed to handle 10 gigabit Ethernet on the backbone to the Eugene consolidated interconnection point, and nowhere will the service be less than two gigabit Ethernet service at the time of first operation. All of the system will be designed to accommodate faster speeds through the addition of additional wave division lasers.

The Lane Council of Governments has extensive experience in the development, design and implementation of broadband infrastructure projects. LCOG was responsible for developing the Public Agency Network in the Eugene and Springfield area. The PAN is a multi agency network involving multiple agencies at the local and state level, using dense wave division multiplexing equipment to support a network across perhaps a hundred miles of fiber within the area. LCOG has also worked with the University of Oregon and the Oregon Department of Transportation to establish long distance networks that cover the 100 miles from Eugene to Portland. LCOG has also negotiated IRUs and service agreements with multiple private and public agencies to create and oversee the operation of broadband networks ranging across the three county area.

The total project costs will be \$10,488,504.80. LCOG will provide a match with a total value of \$ 2,113,505.00 a match of 20.20 percent. The construction of the network will create approximately 50 jobs over the just over two years of construction, with a maximum employment of approximately 30 persons at any one time. There may well be other long term



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jobs created as schools, libraries and medical facilities are connected.

The LCOG business plan, which has worked well for the Regional Fiber Consortium, (the entity on whose behalf LCOG is applying) is not to take on operational responsibilities for the network. Instead LCOG will work with broadband providers in the area to make a range of services available. LCOG has ascertained that there will be either a natural service provider in the area who is already committed to providing service using the fiber and equipment to be installed by LCOG, or that there are several competitive providers who are interested in bidding on the right to become the service provider. The Consortium experience has shown that when the capital investment necessary to provide services is lowered through other means, then it is possible to bring economical broadband services to rural areas and to users in metropolitan areas that are not served adequately by existing providers.

The Lane Council of Governments subscribes to and supports the Recovery Act policies of non-discrimination and open interconnection. Each end user point will be a point of potential additional connection and all the fiber paths will be constructed with additional fiber to allow additional users to connect. A key element in the project is the development of an interconnection point in Eugene that will allow all interested carriers to locate in one space, with the opportunities for cross connection and peering that this provides. Some of the sub-grantee partners that LCOG has brought into this project already have policies of non-discrimination. All businesses contracting to provide services will have to subscribe to non-discrimination and interconnection policies similar to those in the federal guidelines.

While this project is not designed to bring broadband to businesses or households, the bandwidth installed will be available to others who do want to bring service to those users. LCOG has been approached by at least one telecommunications company who has developed fiber to the premises infrastructure in several smaller Oregon cities. They indicated that several of the communities to be served by this project are on their list for development, and several others may be added to the list. Therefore, while the projects overall subscribers will be the 111 institutions served, the project will open the potential for thousands more to gain access to true broadband services.

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



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9. BTOP Statutory Purpose:

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

10. Description of BTOP Project Purpose:

The Oregon South Central Rural Fiber Consortium Lighting the Fiber Middle Mile Project is designed to bring broadband at needed speeds to community anchor institutions in portions of Lane, Douglas and Klamath counties in Oregon. The combined area of the three counties is 15,990 square miles, larger than at least eight states. The total area served by the Consortium project will be approximately the size of New Jersey or Vermont.

While some of the areas to be served have available the minimal broadband services defined by the Recovery Act, the community anchor users of the area lack the broadband services that they need to operate efficiently. The area hospitals need a direct Ethernet service to allow them to establish a centralized record system with their branch offices. The medical clinics in the entire area need better connections so that they can better serve their patients. The Klamath Medical Center in Chiloquin, Oregon does not have broadband connections with its sister clinic in Klamath Falls, sixty miles away. The clinics cannot electronically share medical records, and even the administrative offices for the Clinic, operated by the Klamath Tribes in Klamath Falls, has to use dial up service to connect with the Clinic in Chiloquin.



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These problems are repeated all over the area to be served by the Consortium’s project. Public safety functions, including police and fire services are limited by inadequate bandwidth in Eugene and Springfield, Oakridge and Chiloquin, Roseburg and Canyonville. The schools in the area that have broadband connections are able to bring a world of classroom experiences to each campus through well developed distance learning programs. However, many schools in the Eugene and Springfield urban area, and in the outlying communities of Coburg and Oakridge, Myrtle Creek and Riddle, and elsewhere need connectivity to participate in the twenty-first century educational programs available to those with the proper fiber connection.

The Oregon South Central Regional Fiber Consortium Lighting the Fiber Middle Mile Project will meet the BTOP statutory purposes by providing broadband access, equipment and support to community anchor institutions represented by schools in Eugene, Springfield, rural Lane County, Veneta, Coburg, Oakridge, Chiloquin, Myrtle Creek, Riddle, Canyonville, Days Creek, and rural Douglas County. The project will provide broadband access equipment and support to libraries in Creswell, Chemult and Chiloquin. The project will provide broadband access, equipment and support to medical and healthcare providers in Eugene, Springfield, Veneta, Oakridge, Creswell, Cottage Grove, Drain, Myrtle Creek, Canyonville, Chiloquin, and to the Klamath Tribes’ clinic outside Chiloquin.

The project will provide broadband access, equipment and support to the Klamath Tribal headquarters and to its Tribal Employment Center, originally created with support from the SBA. It also will provide broadband access to the Oakridge Community Center, home of six community based organizations including Head Start and branch offices of Lane County Health Services and the Senior and Disabled Services. In addition, the project will provide broadband access equipment and support to Lane County Housing Authority and two of its low income housing units in Eugene.

The project will improve access to and use of broadband services by public safety agencies in Eugene, Coburg, Lowell, Veneta, Florence, Oakridge, Creswell, Chemult, Chiloquin, Myrtle Creek, Riddle, and Canyonville.

By installing fiber optic cable and equipment capable of easy adaptation for transmission of signals in addition to the traffic of the community anchor institutions directly connected, and by providing broadband capacity to libraries, schools, other public institutions, and a business center, the project will stimulate the demand for broadband economic growth and job creation



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in every city and community along the routes served. By developing a true interconnection facility in Eugene, the hub of the project, the project will offer internet users and non-internet users the opportunity to develop cross connections and peering locations. Such a interconnection facility will facilitate broadband use by allowing the opportunities for direct connections that avoid the delays and uncertainties of the internet. It will also allow multiple internet providers to collocate and peer to expedite the transmission of internet information and messages.

The applicant, Lane Council of Governments, is able to achieve these results in a Middle Mile project because its partners and subgrantees – the Regional Fiber Consortium, Douglas Fast Net, the City of Eugene, the Eugene Water and Electric Board (EWEB) and the Springfield Utility Board (SUB), and the City of Cottage Grove – have built a backbone of fiber optic cable through portions of the three county area. The Regional Fiber Consortium Lighting the Fiber project will build upon the backbone provided by these partners, extending laterals off the backbone to places where the partners have not been able to provide service and building new fiber optic cables to communities that have never been able to get adequate broadband service because they are both too small and too rural.

What ties this project together is the need for better broadband access throughout the region to be served and the work of the subgrantees in preparing for a project like this. The Regional Fiber Consortium has been able to acquire a dark fiber path from Eugene to Klamath Falls, and from Eugene to Roseburg in Douglas County, but it mostly remains dark because there are not funds to light it. Douglas Fast Net, EWEB and SUB have developed a fiber optic system and lit it to connect some schools in Eugene, Springfield, and portions of Douglas County, but there are schools unconnected and none of the health clinics and hospitals are connected. The City of Eugene has a network connecting many of its public buildings, but has not connected its new police headquarters, or its fire stations or the Peterson Barn Community Center. The City of Cottage Grove has installed fiber optic cable in portions of the City, but has not been able to connect essential public works buildings and the Cottage Grove hospital is not connected. The Regional Fiber Consortium Lighting the Fiber project combines these efforts and provides the interconnection to bring them together and create an opportunity for the three county area that will enhance broadband services, and bring broadband to the region in a way that could never be achieved without the Regional Fiber Consortium Lighting the Fiber project.



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One of our interconnection points terminates in Chemult, which qualifies as unserved, and another terminates in Chiloquin, which qualifies as underserved.

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

The Regional Fiber Consortium Lighting the Fiber project will provide middle mile services to strategic institutions by lighting dark fiber and building loops so institutions including health care services, schools, libraries, public safety and emergency services, community centers, and business centers can access fiber and have broadband services. The project will enhance services for health care delivery by providing up to gigabit Ethernet connectivity between the two hospitals in Springfield and their satellite clinics and facilities in Eugene and Springfield. The associated hospital in Cottage Grove will also be connected to its Springfield sister institution. In addition to the medical clinics in Eugene and Springfield, medical clinics in Oakridge, Creswell, Drain, Myrtle Creek, Canyonville, Veneta, Florence and Chiloquin will be connected to the internet and to the medical facilities in Klamath Falls, Eugene and Springfield. Clinics in Eugene and Springfield will include “safety net” clinics such as Whitebird, Volunteers in Medicine, and school based student health clinics.

The project will provide enhanced services to education by connecting school buildings in Coburg, Waltherville and selected schools in Eugene and Springfield. In addition, all buildings will be connected in the school districts in Veneta, Oakridge, Chiloquin, Myrtle Creek, Riddle, Canyonville, and rural Douglas County in the communities of Trinity and Days Creek.

In addition to the connections of schools and medical facilities, the Regional Fiber Consortium Lighting the Fiber project will have a positive impact on services for children, families, and senior through connections for Creswell, Chemult, and Chiloquin libraries. The project also provide enhanced services by connecting community and family service centers such as the Willamette Activity Center in Oakridge. The WAC houses Head Start, programs to meet basic needs, a preschool which provides early intervention and early childhood special education, a senior center and Senior Connections (partly funded by the federal Older Americans Act), treatment programs, community based domestic violence victim advocacy program, Special Mobility Services which provides medical trips for people on the Oregon Health Plan (Title XIX and state funds for low income people), Department of Motor Vehicles, Legal Aid, and a summer lunch program for children up to 18 years of age.



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D. Proposed Funded Service Area

12. Proposed Funded Service Area Maps:

12-A. Service Area Map (Reference Number): **6E2A-483E-4B0B-A749**

12-B. Is the applicant is seeking a waiver for providing less than 100% coverage of a census block. **No**

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

Please refer to section M at the end of document.

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

Please refer to section M at the end of document.

15. Non-Funded Service Area(BIP Only):

16. Coverage Waiver:

Applicant is seeking a waiver for providing less than 100% coverage of a census block.

No

For Response of "Yes" please refer to upload section for additional supporting documentation.

17. Methodology for Area Status:

The Regional Fiber Consortium Lighting the Fiber middle mile project will serve community anchor institutions in unserved and underserved portions of Lane, Douglas and Klamath counties in Oregon. We have classified the project as underserved using the criteria in the application guidelines that for "middle mile projects, at least one interconnection point must terminate in an unserved or underserved area". Chiloquin in Klamath County is underserved and Chumult is unserved. Because LCOG shops for telecommunication services for local governments for each of the communities in our project, our Telecommunications Manager has current information on what services are available in each community. To verify this, he gathered data from the Oregon Public Utility Commission website which provides a listing of which Local Exchange Companies (LEC's) serve each community. He then accessed those companies' websites to determine availability and pricing of broadband services. For cable television services, all the communities in our project outside of Eugene Springfield area served by Charter Communications. He used their website and those of providers in Eugene Springfield to ascertain what television services are available and at what cost. This data



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helped us in our determination of area status.

18. Middle Mile Benefits

The LCOG project proposes to interconnect with the following service providers: Cal-Ore Telephone, hunter communications, LS Networks, Qwest communications, 360 Networks, Douglas Fast Net, Oregon NERO.

The LCOG project proposes to connect with the following community facilities, community anchor institutions, and public safety entitles.

Cottage Grove Community Hospital, Creswell Clinic, Creswell Community Center, Women's Care, Willamette Valley Cancer Center, Barger Medical Building, Home Health Services. South Eugene Clinic, Santa Clara Clinic, Volunteers in Medicine, Southtowne Clinic, Oregon Medical Group, Valley Children's Clinic, Lane County Public Health, Irving Elementary, Prairie Mountain School, Meadowview School, Danebo School, Bethel SD Office, Crest Drive Elementary, Coburg Elementary, Fire Station 8, Fire Station 9, Fire Station 11, Fire Station 15, City of Eugene Main Police Station , City of Coburg Police Department, Housing Authority Eugene, Chrysalis Drug Treatment, Walterville Elementary, Goshen Elementary, Lane Community College Wildish Center (Business Development Center), Lane ESD Westmoreland Campus, Housing Authority Springfield, Housing Authority -Parkview Terrace, Peterson Barn Community Center, Eugene, Florence City Hall, Florence Public Works, Florence Events Center, Florence Police Department, Lane County Public Works –Florence, Senior & Disabled Services – Florence, State highway Division – Florence, ODOT Division Office, Junction City High School, Oaklea Middle School, Laurel Elementary, State Mental Hospital, State Correctional Facility, Elmira Elementary, Veneta City Hall, Applegate Medical Associates, Veneta Medical, Fern Ridge Community Library, Myrtle Creek City Hall, Oregon Judicial Offices – Myrtle Creek, Douglas County Library, Coffin Berry Middle School, South Umpqua High School, Tri City Elementary, Umpqua Community Health, Myrtle Creek Volunteer Fire Department, Tri City Fire Department, Riddle City Hall, Riddle High School, Riddle School District Office, Education Center, Riddle Elementary School, Riddle Fire Department, Douglas County Library – Riddle, Justice of the Peace, Douglas County Library – Canyonville, Canyonville Elementary, Canyonville Fire Department, Canyonville City Hall, Canyonville Health Clinic, State of Oregon DMV, Days Creek High School, Days Creek Fire Department, Umpqua Community Health Center, Pacific Gateway Medical Clinic, Mildred Wipple Library, West Intermediate School, Sutherlin High School, East Primary, Sutherlin Middle School,



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Douglas County Maintenance, Umpqua Regional Medical Center, Douglas County Library, Sutherlin Fire Department, Sutherlin City hall, Lowell City Hall, US Forest Service Ranger Station, Oakridge School district, Oakridge City Hall, Oakridge Open Door Clinic, Oakridge Family Medical Clinic, Oakridge Willamette Activity Community Center, Oakridge Fire District, ODOT ITS - Willamette Pass, Klamath County Library, North Klamath RFD Headquarters, Klamath Tribal Headquarters, Klamath Medical Clinic, Chiloquin Open Door Family Practice, Chiloquin Library, Klamath county Sherriff's substation, Chiloquin Volunteer Fire Department Headquarters, Chiloquin City Hall, Chiloquin High School, Klamath Tribal Gaming Regulation Offices.

Each connection can be counted as one end user. There are numerous staff and in come cases patients at these end users. It would be impossible to calculate the number of persons who will benefit from the connectivity.

Each of the patients that visits one of the medical facilities to be interconnected will benefit from the connection of these facilities. Presently the medical facilities cannot share medical records because the connections are too slow and insecure. Beyond broadband, this project will provide these facilities with a secure, direct connection. They will be able to avoid the internet, with its delays and insecurity and share records quickly and safely. Oregon is developing a pilot project under the guise of the FCC for a medical network linking all the hospitals, doctors offices, clinics and related facilities in Oregon. With the proposed broadband connection provided by this project these facilities will be able to participate in that program.

Increasingly schools are relying on coordinated educational programs for distance learning. This expands the school so that each classroom can be anywhere in the world. But such opportunities take more than simple broadband. The connections that this project will provide will allow the school in Chiloquin, a city of 700 persons located more than 50 miles from the nearest other city, to participate in the same programs offered in Klamath Falls or Eugene.

E. Proposed Service Offering

19. Broadband Service Offerings for Last Mile Project:



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

20. Service Offerings for Middle Mile Project:

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

Competing Service Providers

21. Existing Broadband Service Providers and Services Offered:

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

Non-Discrimination, Interconnection

22. Description of Network Openness:

To address non-discrimination and network interconnect obligations issues, this project will do the following:

- Allow access to competitor ISP’s on transport facility. While the primary need is Ethernet private line rather than internet access, the issue is not relevant. Lacking in our communities are cost effective connections to a carrier of choice. For the region, Eugene is the “on ramp” for telecommunications; it is the hub for the LATA; the long haul fiber systems of Level 3, Sprint, and 360 Networks are accessible there. However, these facilities are scattered; there is no one place to go to access multiple carriers or services. A core purpose of this project is to establish a telecommunications interconnect location for the region which will increase options for carriers to reach customers and for customers to have more choices.
- Allow access to fiber optic infrastructure. The municipal utilities, electric co-ops, and the Rural Fiber Consortium make fiber optic facilities available to other providers through dark fiber leasing programs. The resource is limited and is not made available where there are fiber constraints. Wave division multiplexing historically has been offered as an alternative to dark fiber leasing. Through these vehicles, either end user customers or other carriers can use the resources on an equal basis (availability and price).

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



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

Adhere to the minimum non-discrimination requirements as set forth in the NOFA.
Display the nondiscrimination practices in a prominent location on the service provider’s web page, and provide notice to customers of changes to these policies.

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

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25. Interconnection Obligations Middle Mile Applicants:

Adhere to the minimum interconnection requirements as set forth in the NOFA.
Display the interconnection policies in a prominent location on the service provider’s web page, and provide notice to customers of changes to these policies.
Commit to offering wholesale access to network components and services such as wavelength or fibers at reasonable rates and terms.
Commit to binding private arbitration of disputes concerning interconnection obligations.

Cost Effectiveness and Affordability

26. Cost per Household (BTOP only):

This project is a middle mile project that is serving community anchors, critical facilities and public safety agencies. No households are being served.



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27. Affordability

The prices for the broadband services offered by the Regional Fiber Consortium Lighting the Fiber project will vary according to several circumstances. The portion of the system set up in Eugene and Springfield will provide direct connections through an established system, the Public Agency Network (PAN). This system is operated by local governments for their own use, and is priced for operational continuity, not for profit. The public agencies that participate in this system find it much less expensive than purchasing services from the Incumbent Local Exchange Carrier (ILEC).

The rationale for this portion of the project is provisioning services similar to the Metro Ethernet (PAN) service. The LEC and CLEC services available are limited in availability, meaning that the service may not be obtainable at any cost. Typical Metro Ethernet services provided average \$520 per month for both ends of a Gigabit Ethernet circuit. This is approximately the cost of two T1 lines from the ILEC, a cost that is reachable. For several of the sites, costs will be less because no multiplexing is necessary. \$3,000 per month for Gigabit service from the ILEC is simply too high to attract widespread usage; customers will typically go with a lower bandwidth option to save money.

For other segments of the Regional Fiber Consortium Lighting the Fiber project, LCOG will secure affordable broadband service through a competitive bid process. LCOG will solicit bids from competitive local exchange carriers who have the experience and capacity to provide the services. For some portions of the system there will be one provider who is most suited to provide the service because the fiber optics constructed as a part of the LCOG project will terminate or interconnect with a system operated by this provider. These providers are already providing broadband services at rates lower than the Incumbent provider. LCOG will negotiate services contracts with these providers or others based on an assertion that, since LCOG is providing the capital cost of creating the network, the contract providers should offer lower rates in the areas where construction is funded by the grant since the needed return on investment will be less.

Again, the current situation is such that for many areas the services simply are not available. For the rest of the areas the ILEC prices are high enough that users do not purchase the services. Long term, it is our expectation that usage will increase sharply because the lower prices that this project will generate will allow the critical users along the path to begin



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exploring their options. When a user such as the Klamath Tribal Medical Clinic has learned to get by with dial up modem services, it will take some time before they are able to fully utilize a 100 Megabit connection. The purpose of establishing minimum rates will be to help encourage the development of broadband use. The rates must be as low as possible or they will not encourage adoption of the broadband services that the project will develop.

F. Technology Strategy

28. Technology Type:

Wireline - xDSL
Wireline - Fiber-optic Cable

Other:

29. System Design

Because this project will bring together several unconnected systems, the design is intended to fit these parts together. In some cases the system will use the same equipment that the existing system uses, so that the new parts fit in with the existing system. In other cases, where there is no existing system in place, the system will use parts that are calculated to provide the desired service.

For most of the system the equipment installed will be Gigabit Ethernet Switches, probably Cisco ME 3400. In most circumstances the interconnection points will rely on passive optics using Coarse Wave Division Multiplexing where required. This system will work and integrates well with the existing internet connections Florence, Veneta, Junction City and in the Douglas County segment.

In the Eugene Springfield segment the new laterals will tie into an existing public agency network that uses Cisco Dense Wave Division Multiplexing equipment, transporting one gigabit traffic for the connected public agencies. The additional connections for public



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agencies will use the frequencies already occupied by the other public agency connections of that agency (schools, City public safety, etc.). The new users that will be connected to the system – the medical facilities – will be assigned new frequencies to allow them a direct connection. The existing users already have internet connections as a part of the public agency network. The new users on the public agency network will merge into the same system.

Based on information provided by the medical users, the system is designed to allow these medical users a direct connection among themselves, without the need to connect to the internet. Their testimony indicates that file sharing by way of the internet is less desirable than a direct connection.

All the users on the Eugene Springfield leg, and the users on other legs will be able to interconnect, exchange traffic, and have access to several internet carriers at the Eugene interconnection facility that is a part of this project. This facility will have rack space for multiple users to locate equipment and cross connect. The interconnection point will include the equipment necessary to tie the several legs of the Lighting the Fiber project together. The interconnection facility also will provide access to several internet providers and to the ILEC tandem switch for the 541 area code. Except for the project optical equipment, the facility will not be built with equipment but will provide rack space for other carriers to install their own compatible equipment.

The proposed route from Eugene to Klamath Falls poses the greatest challenge. This is a long route, with a path length of 180 miles. Much of the route is through rural areas where there is literally no habitation. The regeneration sites in Chemult and Chiloquin were selected not only because of the need for an add drop in those communities, but because there was no alternative place where the required elements of the cost effective technology could be placed. Even with these sites, the system will require long haul lasers to connect the sites, which are more than 50 miles apart.

The initial design for this segment of the project included the development of a 10 gigabit Ethernet system, with full equipment redundancy. There were, however, several problems with this proposal. First, it would be too expensive to build. Second, it would be too expensive to maintain. The system must be designed in a way that will be sustainable with what will certainly be a small amount of traffic in the first few years. The initial equipment must come



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with maintenance and replacement costs that will allow sustainable operation along this route.

The final design of this segment will be developed out after the service provider for this segment is selected. There are several service providers who have expressed an interest in contracting with LCOG to provide services along this path. The design that is proposed is compatible with several of these providers. It would put in a one gigabit Ethernet system with 100 megabit services to all the critical users that will be directly connected. The system will offer diversity by use of two fibers in each direction. This design is compatible with several of the potential users who will be invited to contract to provide services along this path. Another potential provider already has an alternate path to create diversity, so if they are the winning bidder, the system can be constructed for less than the proposed cost.

The division between what will be funded and what already exists varies by segments. In Florence, Veneta, Junction City, Creswell, Cottage Grove, and Drain a connection to the internet from the area already exists, but the critical users that are a part of this projects are not connected to this internet backbone. The project will fund construction of a fiber optic cable connection and the installation of equipment to allow the critical users to connect. Because of the open platform and open contracting provisions, the laterals, which will include a minimum of 24 strands of fiber, will be available for other telecom providers to use to extend last mile connections to others in the community.

For the proposed segment in southern Douglas County – connecting Myrtle Creek, Riddle, Tricity, Canyonville and Days Creek – the project will construct fiber into the communities and then construct laterals to the critical users. The project will connect to an existing fiber optic path that now terminates in the town of Winston. From there there is a Consortium controlled fiber path back to the telecommunications interconnection point in Eugene. Along this path are the cities of Drain, Cottage Grove, and Creswell, which provide signal retransmission as well as adding and dropping traffic.

On the route between Eugene and Klamath Falls, the fiber backbone already exists. It has constructed vaults at the connection points planned for the project. The Consortium has pledged four fibers on the route to LCOG in an IRU to provide the basic route structure. Traffic will be sent from Eugene to Oakridge, a distance of approximately 50 miles. Traffic from Lowell, a city about equidistant from Eugene and Oakridge will be backhauled from



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Lowell to Oakridge. This route was chosen because there is a shortage of fiber available in the Eugene area. A lateral will be constructed in Lowell and equipment installed to transmit signals to the Oakridge add-drop.

In Oakridge laterals and equipment will be installed to connect the critical users in the city. The add-drop regeneration site will be located on property in the Oakridge Industrial Park that has been pledged by the City of Oakridge.

Further down the fiber backbone path towards Klamath Falls is the area of Willamette Pass. This is along an important transportation route and is a location where the Oregon Department of Transportation would like to install two real time video cameras as a part of their intelligent transportation system. The project will facilitate the installation of the cameras and will back haul the traffic from there to the Oakridge add-drop site, approximately 25 miles away.

Continuing along the already constructed fiber another 30 miles from Willamette Pass is the very small community of Chemult. The project will install another regeneration and add-drop hut there. Laterals will be built to bring service to the branch of the Klamath County library to the North Klamath Rural Fire Department and to the Highway maintenance facility.

Fifty miles further along the existing fiber path is the town of Chiloquin, the site of the next regeneration and add-drop facility. The Klamath Tribes have indicated a willingness to host the regeneration facility location on the property of their tribal headquarters but have not been able to make a commitment because of the short time allowed between announcement and the due date of the grant application, so this possibility is not a part of the match. There are numerous other possible sites in Chiloquin, including at the Klamath Tribal Clinic across the highway from the Tribal Headquarters. This facility is separately operated and is currently relying on dial-up modem communications with its sister facilities in Klamath Falls. A small amount has been budgeted for a land lease in the event that no donors are found. The Incumbent local exchange provider currently uses a microwave connection for phone service.

The termination, or origin, of this leg of the project is in Klamath Falls, a city 60 miles south of Chiloquin. From the existing Consortium vault connecting the IRUed fiber, the project will construct a fiber optic cable to an interconnection hut operated by Cal-Ore Telephone. This hut serves as a major interconnection point for multiple telecommunications providers in the



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Klamath Falls area. Because Cal-Ore is already leasing fiber from the Consortium on a route that goes south of the planned termination point for this project, it is quite likely that LCOG, acting on behalf of the Consortium, will be able to lease fibers from Cal-Ore, saving the construction cost. Because Cal-Ore is one of the telecommunications companies that has expressed an interest in contracting to be the service provider along some or all of the Klamath Falls to Eugene route, it is possible that the Consortium will not need to do any construction or lease of rack space in Klamath Falls. If this does come to pass, LCOG will either use the funds to improve service elsewhere in the project area or will not withdraw the funds, depending on the terms negotiated at the time of the grant award.

30. Network Diagram:

Please refer to upload section at the end of document.

31. Certification by Professional Engineer:

Please refer to upload section at the end of document.

32. Buy American Waiver Request:

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

Buy American Waiver Request – Legal Justification

33. Choice of Service Provider:

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

Yes

G. Project Milestones and Completion Factors

Timeline & Milestones



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34. Infrastructure Build-out Timeline:

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

35. Licenses, Regulatory Approvals and Agreements:

Oregon law is unclear whether LCOG will need to register as a competitive local exchange carrier. Since LCOG will not actually be providing services to any residential consumers, LCOG may not be required to register. Nonetheless, LCOG intends to register as a CLEC when the project is awarded. This is a simple process and requires only the payment of a \$100 fee. This is the only license and the only telecommunications regulatory approval LCOG will need.

Oregon law does not require land use approval for the installation of an additional utility line on an existing power or telephone pole. A pole attachment regulatory process requires pole owners to lease space on their poles unless the pole is at capacity. An inspection of the poles along most of the project routes shows they are not at capacity. The utilities are project partners in much of the project area. LCOG will have to negotiate some pole attachment agreements. LCOG has quickly and successfully negotiated such agreements in the past. This is one of the first steps that LCOG will undertake after project award and final design work determines the exact poles to be used.

A portion of the fiber construction of laterals will be buried due to local conditions or requirements. Most of the cable will be buried in rights of way or across the property of critical users to be directly connected. Land use approval is commonly not required for the construction of utilities in rights-of-way or across private property for the purposes of a utility connection on the property. As a part of the final design after the grant award, LCOG will identify any areas where land use approval is required and initiate that process prior to construction. The project intends to establish a connection with the city government facilities who are charged with land use approval, so LCOG does not anticipate the process will be very time consuming.

The partners/subgrantees have all pledged the necessary assets to make the project complete. Agreements will all be finalized prior to grant award. This includes the fiber IRUs from the Consortium and Douglas Fast Net, the fiber use agreements with EWEB and SUB, and the



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joint construction program with the City of Eugene. The formal agreement with the Klamath Tribes for the facilities they will provide to assist in the installation of the business development center will be completed. We anticipate agreements will be reached quickly because terms were settled as a part of the grant development.

LCOG will need to negotiate agreements for the location of the Eugene telecommunications interconnection site, and of the Oakridge, Chemult and Chiloquin regeneration add-drop sites. LCOG has had preliminary discussions with Lane County Regional Information Services (the prospective location of the Eugene site) and with the city of Oakridge. Both indicate readiness to complete necessary agreements quickly.

LCOG will need to negotiate agreements for a regeneration site in Chemult and in Chiloquin. No special difficulties are anticipated. The Klamath Tribes in Chiloquin have expressed interest in providing a location. An inspection of both areas shows there is ample vacant space at several the targeted locations for a connection.

The planned terminus in Klamath Falls will be in a hut operated by a telecommunications provider that leases space to other providers in the hut. They have indicated there is ample space in the hut and they would welcome LCOG.

LCOG will need to obtain agreement from all the critical users for whom the project intends to provide the initial or improved broadband connectivity. LCOG and its partner subgrantees have been in contact with the majority of the intended community anchors and critical users and they have expressed interest in connectivity. LCOG and the Consortium have never been rejected when they have been able to provide improved broadband, but the consent project beneficiaries will be obtained prior to connection.

36. Construction and Vendor Contracts

LCOG will rely heavily on contractors to deploy the project network facilities. LCOG has in place contracts with contractors who will be responsible for system design and for project construction supervision. LCOG also has under contract technicians who are skilled in making fiber welds, necessary to connect the fiber optics to be constructed.

Three of LCOG’s subgrantee partners, EWEB, SUB and Douglas Fast Net already have experienced fiber construction crews as employees. They have indicated a readiness to proceed



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at the time of project initiation. Because mobilization for the project will include finalizing agreements with these three partners, a contract to use their services to deploy portions of the network facilities can be expected to be in place by the time of the grant award.

LCOG has opened discussions with several fiber optic cable construction companies. They will be used where necessary. They have indicated a readiness to proceed.

LCOG is a part of the state procurement contract which provides for the acquisition of equipment such as the optic transmission equipment that will be required for this project. In this regard, LCOG has in place the purchasing contracts necessary to initiate acquisition of the optic transmission equipment and fiber optic cable for the project. LCOG has acquired the optronic equipment through the state purchasing process and through other sources.

LCOG has also gained experience in the acquisition of fiber optic cable. LCOG does not anticipate any difficulty in quickly acquiring the necessary American produced fiber optic cable.

Qualification of Management Team and Organizational Readiness

37. Management Team Resumes:

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

38. Organizational Readiness:

LCOG will be ready to begin implementation of the Lighting the Fiber project as soon as the grant is awarded. LCOG has supervised or participated in the development of broadband networks already, and thus has the expertise to start implementation immediately. LCOG has under contract or has, through established relationships with its subgrantee partners, sufficient personnel with experience in the design and construction of fiber systems to ensure that the project will begin immediately and proceed to completion in an orderly and prompt fashion.

LCOG is a local government entity created by member governments in Lane County. LCOG staff have contracted to provide and have negotiated for contracts to provide services, including design and construction contracts throughout the state of Oregon and specifically in the three



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county area covered by this project.

LCOG played a central role in the creation of the Public Agency Network, a broadband network serving all the public agencies in the Eugene Springfield area. LCOG continues to lead this agency network, providing a portion of the organizational management and developing and assisting in the implementation of the billing process that keeps the PAN operating.

LCOG does not intend to operate the Lighting the Fiber project, but will instead contract with other providers to operate. One of LCOG’s criteria for entering into such an operational agreement will be a demonstrated capacity to successfully operate a system. The discussions that LCOG has had concerning the implementation of the project with service providers who have this demonstrated capacity indicate that LCOG should be able to find an operator who has this demonstrated capacity.

Other

39. Organizational Chart:

Please refer to upload section at the end of document.

40. Legal Opinion:

Please refer to upload section at the end of document

41. Government and other Key Partnerships:

LCOG is a local government which is a membership organization of local governments throughout Lane County. Elected officials from each of those local governments constitute the LCOG Board of Directors. LCOG facilitated the establishment of the public agency network (PAN), a partnership of local and state agencies that will benefit from the extension of services. The Regional Fiber Consortium is an entity created by local governments in Lane, Douglas and Klamath counties – the service area for the project. LCOG is contracted to serve as administrative host for the Consortium. The Consortium, with staff support from LCOG, has established relationships with its member governments, with other governments in the area, and with non-profit and for profit telecommunications providers. These relationships will help



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smooth the implementation and ensure project success. Additional partners include:

- Fifteen city governments
- Twelve school districts
- Eugene Water and Electric Board
- Springfield Utility Board
- The Klamath Tribes
- The Oregon Health Network, a statewide pilot project to improve the medical records system.
- City governments in each of the service areas to establish services to the cities, usually first responders for public safety services
- For profit telecommunications company Douglas Fast Net and others to be selected through an open bidding process

The Oregon Department of Transportation is a signatory of the PAN, which it uses to implement its intelligent transportation system (ITS). This project will help ODOT expand its ITS system.

42. Recovery Act and Other Governmental Collaboration.

Wherever possible LCOG will work with other government agencies to make their available funds stretch further. This includes leveraging multiple state and federal development programs.

The Oregon Health Network(OHN) is a pilot project funded by the Federal Communications Commission. OHN was created to address the need for a seamless telehealth network throughout the state of Oregon through which the potential of telecommunications for health care delivery and health care education can be realized. The LCOG project will establish broadband connectivity with hospitals and medical clinics throughout the project area, including connections to medical facilities and interconnection points already participating in the OHN system, and will enable the connected facilities to become participants in OHN. The FCC awarded OHN \$20,182,625.

The Housing and Community Services Agency of Lane County receives US Department of Housing and Urban Development public housing support. The LCOG project will provide their regional offices with broadband services, enabling them to operate more efficiently.



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The Klamath Tribes originally received support from the US Small Business Administration to set up a business information center. This center is currently composed of two computers and an antiquated printer. It has limited internet access because the Tribes are unable to obtain adequate broadband connectivity. LCOG and the Tribes will work together to improve this facility. In addition to developing 100 megabit connectivity to the tribal facilities, the project will restock the business information center with 15 new computers and a new printer, along with tables and chairs to allow tribal members access to computers to meet the original intent of the SBA grant.

The Oregon Department of Transportation (ODOT) receives federal funds and adds state funds to develop an intelligent transportation system (ITS). The LCOG project will add two cameras in an area that is a priority for ODOT.

Lane County has applied for Recovery Act funds from the US Health Resources and Services Administration (HRSA) to build a new facility for their federally funded Community Health Center, part of our community "safety net". If they build the center, we will provide them broadband access. Whitebird, also part of the safety net, received a \$202,252 HRSA Capital Improvement Program grant, Recovery Act funds, for renovation and electronics for their dental clinic which provides services to low income people throughout Lane County. The electronic records grant includes funding for digital x-ray technology, along with electronic records. With the fiber connection we will provide, they will be able to transmit and receive these files, which are large, and will be quite slow, probably unusable, over their existing connection.

Community Involvement (BTOP Applicants Only)

43. Partnering with Disadvantaged Businesses

We are not partnering with any disadvantaged businesses. We are partnering with the Klamath Tribes.

H. Project Budget

44. General Overall Budget



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Budget	Loan Request	Grant Request	Equity	Debt	Bond	Other
Network & Access Equipment (switching, routing, transport, access)		1,526,435				
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)		4,804,736	2,008,505			
Buildings and Land – (new construction, improvements, renovations, lease)		1,286,914				55,000
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)		27,800				
Billing and Operational Support Systems (IT systems, software, etc.)						
Operating Equipment						



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(vehicles, office equipment, other)						
Engineering/ Professional Services (engineering design, project management, consulting, etc.)		426,715				
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)						
Site Preparation						
Other		302,400				50,000
TOTAL BROADBAND SYSTEM		8,375,000	2,008,505			105,000



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Total Budget: \$ 10,488,505

45. Detailed Budget:

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

Sustainability

46. Reasonableness

The Lane Council of Governments application is a middle mile proposal, focused on providing high speed communications to key community institutions. Our definition of high speed starts at 10 MBPS bi directional connectivity, with many sites provided with 100 or 1000 MBPS Ethernet connections. The broadband standard in the grant (the FCC standard) is much lower, and is focused on Internet access. These relatively slow, Internet connections are adequate for residential and some small business use, but are too slow to carry multiple media feeds for schools, or large files for medical institutions. Internet connections must also absorb the overhead of security software, not needed on private connections. While Internet access speeds may appear to be a good and comparable measure of performance, in fact, due to the lack of any local peering by telephone or cable companies, response times for cross town communications can be quite slow when the packets travel out of state on the way. That's why the staff at the key community institutions included in this proposal desire, primarily, Ethernet transport service at high speeds, cost effectively delivered. Then they know that the performance will be predictable and consistent, and security issues addressable without excess complexity.

The key community institutions are remarkably stable in location, rarely moving; this makes it possible to cost justify fiber optic installations over many years. Connecting key community institutions with fiber optic facilities is a common activity locally and elsewhere. It is not a decision by a telecommunications utility to decide to service a particular geographic area on speculation, and then to see what can be sold there. It is a decision by a key community institution to spend ten to several hundred thousand dollars in exchange for high capacity, reliable communications, with a low incremental cost to increase bandwidth and moderate recurring charges for individual buildings.

There are many examples of sites served this way. Most of the school districts have found ways



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to connect schools with fiber. Many fire stations and libraries have fiber connections. The sites included in this proposal are high in cost by nature; if they were inexpensive they would have been done already.

A majority of our sites are in rural communities, where often there is no backhaul entering or leaving the community, let alone between locations locally. A few blocks of fiber to serve Lane County's community health clinic is much less expensive than lighting a 180 mile backbone. Where there are existing resources to be leveraged, unit costs are lower. Therefore, the figures shown in Attachment E therefore vary widely; all are many multiples of a residential build on a per subscriber basis. They are the result of the sum of individual cost estimates, and not the application of per unit calculations.

These individual cost estimates were developed by engineers employed by the utilities in the project. Lane Council of Governments has an outside plant engineer under contract; he prepared the estimates on the geographic areas not covered by a participating electric utility. For optics, the proposal builds on the experience of the providers involved; the costs of what they normally would deploy were included. The budget for the interconnection facility is based upon figures provided by other interconnection sites; they indicate that \$1000 per square foot is an appropriate figure for estimating construction costs.

47. Historical Financial Statements:

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

48. Broadband Subscriber Estimates:

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

49. Other Services:

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

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

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

51. Commitment of Capital Funding Support

The LCOG project will receive more than \$2 million dollars of capital support.

The largest single capital contribution will come from the Regional Fiber Consortium. The



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Consortium has pledged, through an adopted resolution, to provide LCOG fiber optic cable to form the backbone of the project, providing connection between Eugene and Klamath Falls and Eugene and Douglas County. The Consortium will also provide backhaul fibers for local connections along these several routes to create connections to Coburg, Lowell, Sutherlin, and the Willamette Pass. The Consortium will provide this fiber to LCOG through an IRU lease with a minimum term of five years, renewable for an additional period. The Consortium has valued this capital contribution based on the fiber IRU that the Consortium negotiated with the Bonneville Power Administration in 2000 for a 20 year IRU plus a small inflation factor. This lease was established a value of \$22 per fiber per mile per month of the lease. The Consortium will be providing 375 miles of fiber (in groups of four to six fibers).

The Consortium will also be providing fibers constructed in downtown Eugene and Springfield to Coburg. These fibers are more valuable because they represent urban construction that provides necessary connections and more expensive construction. The Consortium has valued these urban area fibers at twice the price of the rural area fibers. The Consortium will provide 25 miles of the urban fibers, in bundles of two, four, and six fibers.

Douglas Fast Net will provide LCOG two fibers to make a connection between the end of Consortium fibers in Douglas County and the start of the project construction in Winston. Based on the construction cost of this fiber, LCOG has priced the fiber at twice the BPA rate. Douglas Fast Net will provide LCOG with 50 miles of fiber.

LCOG received quotes for the lease of installed backbone fiber along portions of this same route from other providers at greater than the prices that LCOG settled on to calculate the match contribution.

The City of Eugene will provide capital support of \$256,245, of which \$56,245 will be a cash payment.

The Klamath Tribes will provide a room for the enlarged Business Information Center for the first five years of the project. Based on the square footage costs of the remainder of the Tribal headquarters, the Tribes have calculated the value of this contribution as \$12,000 for the five year period.



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In addition to the fiber, the Regional Fiber Consortium has provided cash support to cover a portion of the grant application costs, which has been identified as an eligible cost. The Consortium provided \$20,000 in cash support for the grant application. These funds were used to pay contractors to design the project area, for consultation with a registered professional engineer, and for staff development of the application, including attending the BTOP training session. The Consortium also will provide staff support in the amount of \$5,000 per year for three years to facilitate the project completion. These funds will be used to direct construction and negotiate agreements to provide services on the project facilities.

BTOP Requirements

52. Matching Funds:

- a. **Cash:** \$ 191,745.00
- b. **In-Kind:** \$ 1,921,760.00
- c. **Percent of Total Project Cost:** 20

53. Demonstration of Financial Need:

The Lane Council of Governments Regional Fiber Consortium Lighting the Fiber project is submitted on behalf of and to fulfill the mission of the Regional Fiber Consortium. A review of the Lane Council of Governments financial statements will show that LCOG does not have the resources, and without the motivation of the Regional Fiber Consortium, LCOG would not undertake the project. The Regional Fiber Consortium lacks the funds to develop the project, or even a much smaller scope project.

The Regional Fiber Consortium budget is reproduced below. The large lease payment in FY 09 was a prepayment to allow repayment of the BPA debt. This shows that the Consortium has not had the resources to finance any projects, let alone a project of this scope.

But for the BTOP program this project would never happen.

Regional Fiber Consortium Budget FY 07 to FY 10



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Department	FY07	FY08	FY09	FY10	
Interfund transfer	\$(12,000)	\$(12,000)	\$(12,000)	\$(12,000)	
BPA debt payment			\$(104,000)		
BPA debt interest			\$(21,000)		
operating reserve			\$43,689	\$89,939	
interest income		\$1,446	\$623	\$1,200	
lease income	\$6,600	\$6,911	\$194,000	\$67,000	
beginning cash balance		\$50,267	\$24,712	\$3,289	\$60,439
contractual services	\$(12,170)	\$(6,432)	\$(7,500)	\$(37,500)	
property and liability insurance	\$(9,825)	\$(10,518)	\$(10,300)	\$(18,000)	

54. Unjust Enrichment

None.

55. Disclosure of Federal and/or State Funding Sources

None.

I. Self Scoring – BIP Only Self Scoring

56. Self Scoring Sheet



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



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



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



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J. BTOP Certification Requirements

Certification (Requested for BTOP)

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

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

K. BIP Certification Requirements

Certification (Requested for BIP)

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

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



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

L. Schedules

Schedule: A-1 Congressional Districts

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

Oregon - 4

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

Oregon - 4

Oregon - 2

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

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

- Proposed Funded Service Area Name:**
- Census Blocks in Proposed Funded Service Area:**
- Community Name:**
- Rural Classification of the Community:**
- BIP - Service Status:**

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

- BTOP – Service Status:**

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



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

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

Middle Mile Span Name:	Canyonville	
Census Blocks in Middle Mile Span:	200000	3022
200000	3023	
200000	3048	
200000	3049	
200000	4012	
200000	4013	
200000	4014	
200000	4018	
200000	4022	
200000	4023	
200000	4029	
200000	4030	
200000	4031	
200000	4032	
200000	4033	
200000	4034	
200000	4035	
200000	4036	
200000	4037	
200000	4038	
200000	4039	



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200000 4041
200000 4042
200000 4043
200000 4045
200000 4046
200000 4048
200000 4049
200000 4050
200000 4051
200000 4052
200000 4053
200000 4054
200000 4055
200000 4056
200000 4057
200000 4058
200000 4059
200000 4060
200000 4061
200000 4062
200000 4063
200000 4064
200000 4065
200000 4066
200000 4067
200000 4068
200000 4069
200000 4070
200000 4071
200000 4073
200000 4078
200000 4079
200000 4090
200000 4091



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200000 4092
200000 4093
200000 4094

Last Mile Service Area Name: Canyonville
Community Name: Canyonville
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 1,293
Total Number of Households: 534
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 8

Middle Mile Span Name: Chiloquin
Census Blocks in Middle Mile Span: 970200 3067
970200 3068
970200 3069
970200 3070
970200 3071
970200 3072
970200 3073
970200 3074
970200 3075
970200 3076
970200 3077



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970200 3078
970200 3079
970200 3080
970200 3081
970200 3082
970200 4039
970200 4040
970200 4041
970200 4042
970200 4043
970200 4044
970200 4051
970200 4052
970200 4053
970200 4054
970200 4055
970200 4056
970200 4057
970200 4058
970200 4059
970200 4060
970200 4061
970200 4062
970200 4063
970200 4064
970200 4065
970200 4066
970200 4067
970200 4068
970200 4069
970200 4070
970200 4071
970200 4072
970200 4073



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- 970200 4074
- 970200 4075
- 970200 4076
- 970200 4077
- 970200 4082
- 970200 4083
- 970200 4084
- 970200 4085
- 970200 4086
- 970200 4087
- 970200 4088
- 970200 4089
- 970200 4090
- 970200 4091
- 970200 4092
- 970200 4096
- 970200 4097
- 970200 4098
- 970200 4099

Last Mile Service Area Name: Chiloquin
Community Name: **Chiloquin**
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 716
Total Number of Households: 257



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Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 9

Middle Mile Span Name: **Coburg**
Census Blocks in Middle Mile Span: 3001050

- 300 2004
- 300 2005
- 300 2006
- 300 2007
- 300 2009
- 300 2011
- 300 2012
- 300 2015
- 300 2016
- 300 2017
- 300 2018
- 300 2019
- 300 2020
- 300 2021
- 300 2022
- 300 2023
- 300 2024
- 300 2025
- 300 2026
- 300 2027
- 300 2029
- 300 2030
- 300 2031
- 300 2032
- 300 2033
- 300 2034
- 300 2035
- 300 2036



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- 300 2037
- 300 2038
- 300 2039
- 300 2040
- 300 2041
- 300 2042
- 300 2043
- 300 2044
- 300 2045
- 300 2046
- 300 2047
- 300 2054
- 300 2055
- 300 2058

Last Mile Service Area Name: Coburg
Community Name: Coburg
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 969
Total Number of Households: 367
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Cottage Grove



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Census Blocks in Middle Mile Span:		1201	1086
1201	2000		
1201	2001		
1201	2006		
1201	2007		
1201	2008		
1201	2009		
1201	2011		
1201	2012		
1201	2013		
1201	2014		
1201	2015		
1201	2016		
1201	2017		
1201	2018		
1201	2019		
1201	2020		
1201	2021		
1201	2022		
1201	2023		
1201	2024		
1201	2025		
1201	2026		
1201	2027		
1201	2028		
1201	2029		
1201	2030		
1201	2031		
1201	2032		
1201	2033		
1201	2034		
1201	2036		
1201	2037		
1201	2038		



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- 1201 2039
- 1201 2042
- 1201 2043
- 1201 3001
- 1201 3002
- 1201 3003
- 1201 3004
- 1201 3005
- 1201 3006
- 1201 3007
- 1201 3008
- 1201 3009
- 1201 3010
- 1201 3011
- 1201 3012
- 1201 3013
- 1201 3014
- 1201 3015
- 1201 3016
- 1201 3017
- 1201 3018
- 1201 3019
- 1201 3020
- 1201 3021
- 1201 3022
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- 1201 3027
- 1201 3028
- 1201 3029
- 1201 3030
- 1201 3031



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1201 3032
1201 3033
1201 3034
1201 3035
1201 3036
1201 3037
1201 3038
1201 3039
1201 3040
1201 3041
1201 3042
1201 3043
1201 3044
1201 3045
1202 1000
1202 1003
1202 1004
1202 1005
1202 1074
1202 1075
1202 1076
1202 1081
1202 1082
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1202 1091
1202 1092
1202 1094
1202 1097



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- 1202 2000
- 1202 2001
- 1202 2002
- 1202 2003
- 1202 2004
- 1202 2005
- 1202 2006
- 1202 2007
- 1202 2008
- 1202 2009
- 1202 2010
- 1202 2011
- 1202 2012
- 1202 2013
- 1202 3000
- 1202 3001
- 1202 3002
- 1202 3003
- 1202 3004
- 1202 3005
- 1202 3006
- 1202 3007
- 1202 3008
- 1202 3009
- 1202 3010
- 1202 3011
- 1202 3012
- 1202 3013
- 1202 3014
- 1202 3015
- 1202 3016
- 1202 3017
- 1202 3018
- 1202 3019



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- 1202 3020
- 1202 3021
- 1202 3022
- 1202 3023
- 1202 3024
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- 1202 3026
- 1202 3027
- 1202 3028
- 1202 3029
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- 1202 3036
- 1202 3037
- 1202 3038
- 1202 3039
- 1202 3040
- 1202 3041
- 1202 3042
- 1202 3043
- 1202 3044
- 1301 2002
- 1301 2003
- 1301 2004
- 1301 2005
- 1301 2007
- 1301 2008
- 1301 2009
- 1301 2010
- 1301 2011
- 1301 2012
- 1301 2013



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1301 2014
1301 2015
1301 2016
1301 2017
1301 2018
1301 2019
1301 2020
1301 2021
1301 2022
1301 2023
1301 2024
1301 2025
1301 2026
1301 2027
1301 2028
1301 2029
1301 2035
1301 2998
1301 2999
1301 3994
1302 1009
1302 1010
1302 1011
1302 1012
1302 1013
1302 1014
1302 1015
1302 1016
1302 1017
1302 1018
1302 1019
1302 1025
1302 1030
1302 1032



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- 1302 1035
- 1302 1036
- 1302 1037
- 1302 1038
- 1302 1039
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- 1302 1041
- 1302 1042
- 1302 1043
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- 1302 1048
- 1302 1049
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- 1302 1051
- 1302 1052
- 1302 1053
- 1302 1054
- 1302 1055
- 1302 1056
- 1302 1057
- 1302 1058
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- 1302 1066
- 1302 1067
- 1302 1068



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 1302 1069
- 1302 2000
- 1302 2002
- 1302 2004
- 1302 2005
- 1302 3000
- 1302 3001
- 1302 3002
- 1302 3003
- 1302 3004
- 1302 3005
- 1302 3006
- 1302 3007
- 1302 3008
- 1302 3009
- 1302 3010
- 1302 3011
- 1302 3015
- 1302 3016
- 1302 3017
- 1302 3018
- 1302 3019
- 1302 3020
- 1302 3021
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- 1302 3031
- 1302 3032



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 1302 3033
- 1302 3036
- 1302 3037
- 1302 3038
- 1302 3039
- 1302 3040

Last Mile Service Area Name: Cottage Grove
Community Name: Cottage Grove
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 3
Total Population : 6,445
Total Number of Households: 3,264
Total Number of Businesses: 202
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 1

- Middle Mile Span Name:** Creswell
- Census Blocks in Middle Mile Span:** 1101 2001
- 1101 2002
 - 1101 2003
 - 1101 2004
 - 1101 2005
 - 1101 2006
 - 1101 2007
 - 1101 2008



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

1101 2010
1101 2011
1101 2012
1101 2013
1101 2014
1101 2015
1101 2016
1101 2017
1101 2018
1101 2019
1101 2024
1101 2025
1101 3001
1101 3006
1101 3008
1101 3010
1101 3011
1101 3012
1101 3013
1101 3014
1101 3015
1101 3016
1101 3017
1101 3019
1101 3020
1101 3022
1101 3023
1101 3024
1101 3025
1101 3026
1101 3027
1101 3028
1101 3029
1101 3030



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 1101 3031
- 1101 3032
- 1101 3033
- 1101 3034
- 1101 3035
- 1101 3036
- 1101 3037
- 1101 3038
- 1101 3039
- 1101 3040
- 1101 3041
- 1101 3042
- 1101 3043
- 1101 3044
- 1101 3045
- 1101 3046
- 1101 3047
- 1101 3048
- 1101 3999
- 1102 2006
- 1102 2007
- 1102 2008
- 1102 2009
- 1102 2010
- 1102 2011
- 1102 2012
- 1102 2013
- 1102 2014
- 1102 2015
- 1102 2018
- 1102 2019
- 1102 2020
- 1102 2021
- 1102 2022



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 1102 2023
- 1102 2024
- 1102 2025
- 1102 2026
- 1102 2027
- 1102 2028
- 1102 2031
- 1102 2033
- 1102 2040
- 1102 2041
- 1102 2043
- 1102 2044
- 1102 2045
- 1102 2046
- 1102 2047
- 1102 2048
- 1102 2996

Last Mile Service Area Name: Creswell
Community Name: Creswell
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 3,579
Total Number of Households: 1,271
Total Number of Businesses: 60
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

Middle Mile Span Name: Days Creek
Census Blocks in Middle Mile Span: 210000 2029
 210000 2068
 210000 2070
 210000 2078
 210000 2079
 210000 2093

Last Mile Service Area Name: Days Creek
Community Name: Days Creek
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

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

Middle Mile Span Name: Drain
Census Blocks in Middle Mile Span: 30000 1050
 30000 1051
 30000 1052
 30000 1053
 30000 1054
 30000 1057
 30000 1058



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 30000 1059
- 30000 1060
- 30000 1061
- 30000 1062
- 30000 1066
- 30000 1067
- 30000 1068
- 30000 1069
- 30000 1071
- 30000 1072
- 30000 1074
- 30000 1075
- 30000 2013
- 30000 2014
- 30000 2015
- 30000 2016
- 30000 2017
- 30000 2018
- 30000 2019
- 30000 2020
- 30000 2021
- 30000 2022
- 30000 2023
- 30000 2024
- 30000 2025
- 30000 2026
- 30000 2027
- 30000 2028
- 30000 2029
- 30000 2030
- 30000 2031
- 30000 2032
- 30000 2033
- 30000 2034



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 30000 2035
- 30000 2036
- 30000 2037
- 30000 2044
- 30000 2045
- 30000 2046
- 30000 2047
- 30000 2048
- 30000 2049
- 30000 2050
- 30000 2051
- 30000 2052
- 30000 2053
- 30000 2054
- 30000 2055
- 30000 2056
- 30000 2057
- 30000 2058
- 30000 2059
- 30000 2060
- 30000 2061
- 30000 2062
- 30000 2063
- 30000 2064
- 30000 2065
- 30000 2066
- 30000 2067
- 30000 2068
- 30000 2069
- 30000 2070
- 30000 2071
- 30000 2072
- 30000 2073
- 30000 2074



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 30000 2075
- 30000 2076
- 30000 2077
- 30000 2078
- 30000 2079
- 30000 2080
- 30000 2081
- 30000 2082
- 30000 4001
- 30000 4002
- 30000 4046

Last Mile Service Area Name: Drain
Community Name: Drain
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 1,021
Total Number of Households: 397
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 3

Middle Mile Span Name: Eugene
Census Blocks in Middle Mile Span: Text was too long. Map in Broadband USA Mapping Tool shows blocks.
 Range is Census block 1001 2035 through 5400 4014
Last Mile Service Area Name: Eugene



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

Community Name: Eugene
Rural Classification of the Community: Non-Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 41
Total Population : 137,893
Total Number of Households: 58,110
Total Number of Businesses: 4,288
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 19

Middle Mile Span Name: Florence
Census Blocks in Middle Mile Span: 7031006

- 703 1007
- 703 1008
- 703 1009
- 703 1010
- 703 1011
- 703 1012
- 703 1013
- 703 1014
- 703 1015
- 703 1016
- 703 1017
- 703 1018
- 703 1019
- 703 1020



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 703 1021
- 703 1022
- 703 1023
- 703 1024
- 703 1025
- 703 1026
- 703 1027
- 703 1028
- 703 1029
- 703 1030
- 703 1031
- 703 1032
- 703 1033
- 703 1034
- 703 1035
- 703 1038
- 703 1039
- 703 1040
- 703 1041
- 703 1042
- 703 1043
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- 703 1046
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- 703 1052
- 703 1053
- 703 1054
- 703 1055
- 703 1056



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 703 1996
- 703 2018
- 703 2019
- 703 2028
- 703 2029
- 703 2030
- 703 2031
- 703 3002
- 703 3003
- 703 3004
- 703 3005
- 703 3006
- 703 3007
- 703 3008
- 703 3009
- 703 3011
- 703 3012
- 703 3013
- 703 3014
- 703 3015
- 703 3016
- 703 3017
- 703 3018
- 703 3019
- 703 3020
- 703 3021
- 703 3022
- 703 3023
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- 703 3030
- 703 3031



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

703 3032
703 3033
703 3034
703 3035
703 3036
703 3037
703 3038
703 3039
703 3040
703 3041
703 3042
703 3043
703 3044
703 3045
703 3046
703 3047
703 3048
703 3049
703 3050
703 3051
703 3052
703 3056
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703 3062
703 3063
703 3064
703 3065
703 3066
703 3067
703 3068



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

703 3069
703 3070
703 3071
703 3072
703 3073
703 3074
703 3075
703 3076
703 3077
703 3078
703 3079
703 3080
703 3081
703 3082
703 3083
703 3084
703 3085
704 1000
704 1001
704 1002
704 1003
704 1004
704 1005
704 1006
704 1007
704 1008
704 1009
704 1010
704 1011
704 1012
704 1013
704 1014
704 1015
704 1016



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 704 1017
- 704 1018
- 704 1019
- 704 1020
- 704 1021
- 704 1022
- 704 1023
- 704 1024
- 704 1025
- 704 1026
- 704 1027
- 704 1028
- 704 1029
- 704 1030
- 704 1031
- 704 1032
- 704 1033
- 704 1034
- 704 1035
- 704 1036
- 704 1037
- 704 1038
- 704 1039
- 704 1040
- 704 1041
- 704 1042
- 704 1043
- 704 1044
- 704 1045
- 704 1046
- 704 1047
- 704 1048
- 704 1999
- 704 2000



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 704 2001
- 704 2002
- 704 2003
- 704 2004
- 704 2005
- 704 2006
- 704 2007
- 704 2008
- 704 2009
- 704 2010
- 704 2011
- 704 2012
- 704 2013
- 704 2014
- 704 2015
- 704 2016
- 704 2017
- 704 2018
- 704 2019
- 704 2020
- 704 2021
- 704 2022
- 704 2023
- 704 2024
- 704 2025
- 704 2026
- 704 2027
- 704 2028
- 704 2029
- 704 2030
- 704 2031
- 704 2032
- 704 2033
- 704 2034



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 704 2035
- 704 2036
- 704 3000
- 704 3001
- 704 3002
- 704 3003
- 704 3004
- 704 3005
- 704 3006
- 704 3007
- 704 3008
- 704 3009
- 704 3010
- 704 3011
- 704 3012
- 704 3013
- 704 3014
- 704 3015
- 704 3016
- 704 3017
- 704 3018
- 704 3019
- 704 3020
- 704 3021
- 704 3022
- 704 3023
- 704 3024
- 704 3025
- 704 3026
- 704 3027
- 704 3028
- 704 3029
- 704 3999
- 704 4003



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

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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 704 4013
- 704 4018
- 704 4019
- 704 4020
- 704 4021
- 704 4022
- 704 4023
- 704 4024
- 704 4025
- 704 4026
- 704 4027
- 704 4028
- 704 4997
- 704 5023

Last Mile Service Area Name: Florence
Community Name: Florence
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 6
Total Population : 7,263
Total Number of Households: 3,564
Total Number of Businesses: 240
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 8

Middle Mile Span Name: Lowell



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

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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

Census Blocks in Middle Mile Span: 1600 2003

1600 2004
 1600 2006
 1600 2007
 1600 2008
 1600 2009
 1600 2013
 1600 2014
 1600 2015
 1600 2016
 1600 2017
 1600 2018
 1600 2019
 1600 2020
 1600 2021
 1600 2022
 1600 2023
 1600 2024
 1600 2025
 1600 2026
 1600 2027
 1600 2997
 1600 2998
 1600 3055
 1600 3056
 1600 4193
 1600 4194

Last Mile Service Area Name: Lowell
Community Name: Lowell
Rural Classification of the Community: Rural
BIP – Service Status:

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



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 857
Total Number of Households: 315
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 2

Middle Mile Span Name: Myrtle Creek
Census Blocks in Middle Mile Span: 180000 1043

- 180000 1044
- 180000 1045
- 180000 1046
- 180000 1047
- 180000 1048
- 180000 1050
- 180000 1051
- 180000 1052
- 180000 1053
- 180000 1054
- 180000 1057
- 180000 1058
- 180000 1059
- 180000 1060
- 180000 1061
- 180000 2172
- 180000 2173
- 180000 2175
- 180000 3004
- 180000 3006



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

180000 3007
180000 3008
180000 3009
180000 3010
180000 3011
180000 3013
180000 3014
180000 3015
180000 3016
180000 3017
180000 3018
180000 3019
180000 3020
180000 3022
180000 3023
180000 3024
180000 3025
180000 3026
180000 3027
180000 3028
180000 3029
180000 3030
180000 3031
180000 4000
180000 4001
180000 4002
180000 4003
180000 4004
180000 4005
180000 4006
180000 4007
180000 4008
180000 4009
180000 4010



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

180000 4011
180000 4012
180000 4013
180000 4014
180000 4015
180000 4016
180000 4017
180000 4018
180000 4019
180000 4020
180000 4021
180000 4022
180000 4023
180000 4024
180000 4025
180000 4026
180000 4027
180000 4028
180000 4029
180000 4030
180000 4031
180000 4032
180000 4033
180000 4034
180000 4035
180000 4036
180000 4037
180000 5001
180000 5002
180000 5003
180000 5004
180000 5005
180000 5006
180000 5007



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 180000 5008
- 180000 5009
- 180000 5010
- 180000 5011
- 180000 5012
- 180000 5013
- 180000 5014
- 180000 5015
- 180000 5016
- 180000 5017
- 180000 5018
- 180000 5019
- 180000 5020
- 180000 5022
- 180000 5023
- 180000 5024
- 180000 5025

Last Mile Service Area Name: Myrtle Creek
Community Name: Myrtle Creek
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 2
Total Population : 3,419
Total Number of Households: 1,339
Total Number of Businesses: 68
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 7



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

Middle Mile Span Name: Chemult
Census Blocks in Middle Mile Span: 3 3924
 3 3925
Last Mile Service Area Name: Chemult
Community Name: Chemult
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Unserved

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

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

Middle Mile Span Name: Oakridge
Census Blocks in Middle Mile Span: 1500 1236
 1500 1331
 1500 1332
 1500 1333
 1500 1987
 1500 2000
 1500 2001
 1500 2002
 1500 2003
 1500 2004
 1500 2005
 1500 2006



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

1500 2007
1500 2008
1500 2009
1500 2010
1500 2011
1500 2012
1500 2013
1500 2997
1500 2998
1500 3000
1500 3001
1500 3002
1500 3003
1500 3004
1500 3005
1500 3006
1500 3007
1500 3008
1500 3009
1500 3010
1500 3011
1500 3012
1500 3013
1500 3014
1500 3015
1500 3018
1500 3019
1500 3022
1500 3023
1500 3024
1500 3025
1500 4005
1500 4006
1500 4007



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

- 1500 4008
- 1500 4009
- 1500 4019
- 1500 4022
- 1500 4023
- 1500 4024
- 1500 4025
- 1500 4026
- 1500 4027
- 1500 4028
- 1500 4031
- 1500 4032
- 1500 4033
- 1500 4034
- 1500 4035
- 1500 4036
- 1500 4037
- 1500 4045
- 1500 4046
- 1500 4047
- 1500 4048
- 1500 4049
- 1500 4050
- 1500 4051
- 1500 4052
- 1500 4053
- 1500 4054
- 1500 4055
- 1500 4056
- 1500 4057
- 1500 4058
- 1500 4059
- 1500 4060
- 1500 4061



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 1500 4062
- 1500 4063
- 1500 4064
- 1500 4065
- 1500 4066
- 1500 4067
- 1500 4075
- 1500 4076
- 1500 4077
- 1500 4078
- 1500 4079
- 1500 4084
- 1500 4085
- 1500 4090
- 1500 4091
- 1500 4092
- 1500 4093
- 1500 4094
- 1500 4097
- 1500 4098
- 1500 4099
- 1500 4101
- 1500 4102
- 1500 4103
- 1500 4104
- 1500 4105
- 1500 4106
- 1500 4107
- 1500 4108

Last Mile Service Area Name: Oakridge
Community Name: **Oakridge**
Rural Classification of the Community: Rural
BIP – Service Status:

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



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BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 2
Total Population : 3,148
Total Number of Households: 1,526
Total Number of Businesses: 41
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name:	Riddle	
Census Blocks in Middle Mile Span:	200000	1019
200000	1020	
200000	1021	
200000	1023	
200000	1025	
200000	1030	
200000	1031	
200000	1032	
200000	1033	
200000	1062	
200000	1063	
200000	1064	
200000	1065	
200000	1066	
200000	1067	
200000	1068	
200000	2002	
200000	2003	
200000	2004	



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200000 2005
200000 2007
200000 2008
200000 2009
200000 2010
200000 2011
200000 2012
200000 2013
200000 2014
200000 2015
200000 2016
200000 2017
200000 2018
200000 2019
200000 2020
200000 2021
200000 2022
200000 2023
200000 2024
200000 2025
200000 2026
200000 2027
200000 2028
200000 2029
200000 2030
200000 2031
200000 2032
200000 2033
200000 2034
200000 2035
200000 2036
200000 2037
200000 2038
200000 2039



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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

200000 2040
 200000 2041
 200000 2042
 200000 2043
 200000 2044

Last Mile Service Area Name: Riddle
Community Name: Riddle
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 1,014
Total Number of Households: 381
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name: Springfield
Census Blocks in Middle Mile Span: 1801 1004
 1801 1005
 1801 1007
 1801 1008
 1801 1009
 1801 1010
 1801 1011
 1801 1012
 1801 1013



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1801 1014
1801 1015
1801 1018
1801 1019
1801 1020
1801 1021
1801 1022
1801 1025
1801 1026
1801 1029
1801 1030
1801 1031
1801 1032
1801 1033
1801 1034
1801 1035
1801 1037
1801 1038
1801 1039
1801 2000
1801 2001
1801 2002
1801 2003
1801 2004
1801 2005
1801 2006
1801 2007
1801 2008
1801 2009
1801 2010
1801 2011
1803 1004
1803 1005
1803 1007



**Broadband Infrastructure Application
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1803 1008
1803 1009
1803 1010
1803 1011
1803 1012
1803 1013
1803 1015
1803 1017
1803 1019
1803 1020
1803 2000
1803 2001
1803 2002
1803 2003
1803 2004
1803 2005
1803 2006
1803 2007
1803 2008
1803 2009
1803 2010
1803 2011
1803 2012
1803 2013
1803 2014
1803 2015
1803 2016
1803 3000
1803 3001
1803 3002
1803 3003
1803 3004
1803 3005
1803 3006



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- 1803 3007
- 1804 1000
- 1804 1001
- 1804 1002
- 1804 1003
- 1804 1004
- 1804 1005
- 1804 1006
- 1804 1007
- 1804 1008
- 1804 1009
- 1804 1010
- 1804 1011
- 1804 1012
- 1804 2012
- 1804 2013
- 1804 2014
- 1804 2015
- 1804 2016
- 1804 2017
- 1804 2018
- 1804 2019
- 1804 2020
- 1804 2021
- 1804 2022
- 1804 2029
- 1804 2030
- 1804 2032
- 1804 2034
- 1804 2035
- 1804 2036
- 1804 2037
- 1804 2038
- 1804 2039



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- 1804 2040
- 1804 2041
- 1804 2042
- 1804 2043
- 1804 2044
- 1804 2045
- 1804 2046
- 1902 1000
- 1902 1001
- 1902 1002
- 1902 1003
- 1902 1004
- 1902 1005
- 1902 1006
- 1902 1007
- 1902 1008
- 1902 1009
- 1902 1010
- 1902 1011
- 1902 1012
- 1902 1013
- 1902 1014
- 1902 1015
- 1902 1016
- 1902 1017
- 1902 1018
- 1902 1019
- 1902 1020
- 1902 2000
- 1902 2001
- 1902 2002
- 1902 2003
- 1902 2004
- 1902 2005



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- 1902 2006
- 1902 2007
- 1902 2008
- 1902 2009
- 1902 2010
- 1902 2011
- 1902 2012
- 1902 2013
- 1902 3000
- 1902 3001
- 1902 3002
- 1902 3003
- 1902 3004
- 1902 3005
- 1902 3006
- 1902 3007
- 1902 3008
- 1902 3009
- 1902 3010
- 1902 3011
- 1902 3012
- 1902 3013
- 1902 3014
- 1902 3015
- 1902 3016
- 1902 3017
- 1902 3018
- 1902 3019
- 1902 3020
- 1902 3021
- 1902 3022
- 1902 3023
- 1902 3024
- 1902 3025



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1902 3026
1902 3027
1902 3028
1902 3029
1902 4000
1902 4001
1902 4002
1902 4003
1902 4004
1902 4005
1902 4006
1902 4007
1902 4008
1902 4009
1902 4010
1902 4011
1902 4012
1902 4013
1902 4014
1902 4015
1903 1000
1903 1001
1903 1002
1903 1003
1903 1004
1903 1005
1903 1006
1903 1007
1903 1008
1903 1009
1903 1010
1903 1011
1903 1012
1903 1013



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 1903 1014
- 1903 1015
- 1903 1016
- 1903 1017
- 1903 1018
- 1903 1019
- 1903 1020
- 1903 1021
- 1903 1022
- 1903 1023
- 1903 1024
- 1903 2000
- 1903 2001
- 1903 2002
- 1903 2003
- 1903 2004
- 1903 2005
- 1903 2006
- 1903 2007
- 1903 2008
- 1903 2009
- 1903 2010
- 1903 2011
- 1903 2012
- 1903 2013
- 1903 2014
- 1903 2015
- 1903 2016
- 1903 2017
- 1904 1000
- 1904 1001
- 1904 1002
- 1904 1003
- 1904 1004



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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 1904 1005
- 1904 1006
- 1904 1007
- 1904 1008
- 1904 1009
- 1904 1010
- 1904 1011
- 1904 2000
- 1904 2001
- 1904 2002
- 1904 2003
- 1904 2004
- 1904 2005
- 1904 2006
- 1904 2007
- 1904 2008
- 1904 2009
- 1904 2010
- 1904 2011
- 1904 2012
- 1904 2013
- 1904 2014
- 1904 2015
- 1904 2016
- 1904 2017
- 1904 2018
- 1904 2021
- 1904 2023
- 2001 1012
- 2001 1013
- 2001 1024
- 2001 1025
- 2001 1031
- 2001 1032



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- 2001 1033
- 2001 1034
- 2001 1035
- 2001 1036
- 2001 1038
- 2001 2001
- 2001 2002
- 2001 2003
- 2001 2004
- 2001 2005
- 2001 2006
- 2001 2007
- 2001 2015
- 2001 2016
- 2001 2017
- 2001 2018
- 2001 2019
- 2001 2020
- 2001 2021
- 2002 1002
- 2002 1003
- 2002 1004
- 2002 1005
- 2002 1010
- 2002 1011
- 2002 1012
- 2002 1013
- 2002 1014
- 2002 1015
- 2002 1016
- 2002 1017
- 2002 1021
- 2002 1022
- 2002 1023



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2002 1024
2002 1025
2002 1031
2002 1032
2002 1033
2002 1034
2002 1035
2002 1036
2002 1037
2002 1038
2002 1039
2002 1040
2002 1041
2002 2002
2002 2008
2002 2009
2002 2011
2002 2012
2002 2013
2002 2014
2002 2015
2002 2016
2002 2017
2002 2018
2002 2019
2002 2020
2002 2021
2002 2022
2002 2023
2002 2024
2002 2025
2002 2026
2002 2027
2002 2028



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2002 2029
2002 2030
2002 2031
2002 2039
2002 2045
2002 2046
2002 2047
2002 2048
2002 2049
2002 2050
2002 2051
2002 2052
2002 2053
2101 1002
2101 1003
2101 1004
2101 1005
2101 1006
2101 1007
2101 1008
2101 1010
2101 1011
2101 1013
2101 1014
2101 1015
2101 1016
2101 1020
2101 1021
2101 1022
2101 1028
2101 2005
2101 2006
2101 2007
2101 2011



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- 2101 2012
- 2101 2016
- 2101 2017
- 2101 2019
- 2101 2020
- 2101 2021
- 2101 2022
- 2101 2023
- 2101 2024
- 2101 2025
- 2101 2026
- 2101 2027
- 2101 2028
- 2101 2029
- 2101 2030
- 2102 1001
- 2102 1003
- 2102 1004
- 2102 1005
- 2102 1006
- 2102 1007
- 2102 1008
- 2102 1009
- 2102 1010
- 2102 1011
- 2102 1012
- 2102 1013
- 2102 1014
- 2102 1015
- 2102 1016
- 2102 1017
- 2102 2001
- 2102 2005
- 2102 2006



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- 2102 2009
- 2102 2010
- 2102 2011
- 2102 2014
- 2102 2015
- 2102 2016
- 2102 2017
- 2102 2018
- 2102 2019
- 2102 2020
- 2102 2021
- 2102 2022
- 2102 2023
- 2102 3008
- 2102 3009
- 2102 3011
- 3201 1000
- 3201 1001
- 3201 1002
- 3201 1003
- 3201 1004
- 3201 1005
- 3201 1006
- 3201 1007
- 3201 1008
- 3201 1009
- 3201 1010
- 3201 1011
- 3201 1012
- 3201 1013
- 3201 1014
- 3201 1015
- 3201 1016
- 3201 1017



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- 3201 2000
- 3201 2001
- 3201 2002
- 3201 2003
- 3201 2004
- 3201 2005
- 3201 2006
- 3201 2007
- 3201 2018
- 3201 2020
- 3201 2028
- 3201 2029
- 3201 2030
- 3202 1000
- 3202 1001
- 3202 1003
- 3202 1005
- 3202 1009
- 3202 1013
- 3202 1014
- 3202 1015
- 3202 1018
- 3202 1019
- 3202 1020
- 3202 1022
- 3202 1023
- 3202 1027
- 3202 1030
- 3202 1034
- 3202 1035
- 3202 1036
- 3202 1037
- 3202 1038
- 3202 1039



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- 3202 1040
- 3202 1041
- 3202 1044
- 3202 1045
- 3202 1046
- 3202 1047
- 3202 1048
- 3202 1049
- 3202 1050
- 3202 1051
- 3202 1052
- 3202 1053
- 3202 1054
- 3202 1055
- 3202 1056
- 3202 1057
- 3202 2000
- 3202 2001
- 3202 2002
- 3202 2003
- 3202 2004
- 3202 2005
- 3202 2006
- 3202 2007
- 3202 2008
- 3202 2009
- 3202 2010
- 3202 2011
- 3202 2012
- 3202 2013
- 3202 2014
- 3202 2015
- 3202 2016
- 3202 2017



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- 3202 2018
- 3202 2019
- 3202 2020
- 3202 2021
- 3202 2022
- 3202 2023
- 3202 2024
- 3202 2025
- 3202 2026
- 3202 2027
- 3202 2028
- 3202 2029
- 3202 2030
- 3202 2031
- 3202 2032
- 3202 2033
- 3202 2034
- 3202 2035
- 3202 2036
- 3202 2037
- 3202 2038
- 3202 2039
- 3202 2040
- 3202 2041
- 3300 1000
- 3300 1001
- 3300 1002
- 3300 1003
- 3300 1004
- 3300 1005
- 3300 1006
- 3300 1007
- 3300 1008
- 3300 1009



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- 3300 1010
- 3300 1011
- 3300 1012
- 3300 1013
- 3300 1014
- 3300 1015
- 3300 1016
- 3300 1017
- 3300 1018
- 3300 2000
- 3300 2001
- 3300 2002
- 3300 2003
- 3300 2004
- 3300 2005
- 3300 2006
- 3300 2007
- 3300 2008
- 3300 2009
- 3300 2010
- 3300 2011
- 3300 2012
- 3300 3000
- 3300 3001
- 3300 3002
- 3300 3003
- 3300 3004
- 3300 3005
- 3300 3006
- 3300 3007
- 3300 3008
- 3300 3009
- 3300 3010
- 3300 3011



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3300 3012
3300 3013
3300 3014
3300 4000
3300 4001
3300 4002
3300 4003
3300 4004
3300 4005
3300 4006
3300 4007
3300 4008
3300 4009
3300 4010
3300 4011
3300 4012
3300 4013
3300 4014
3300 4015
3300 4016
3300 4017
3300 4018
3300 4019
3300 4020
3300 4021
3300 4022
3300 4023
3300 4024
3300 4025
3300 4026
3300 4027
3300 4028
3300 4029
3300 4030



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- 3300 4031
- 3300 4032
- 3300 4033
- 3300 4034
- 3300 4035
- 3300 4036
- 3300 4037
- 3300 4038
- 3300 4039
- 3300 4040
- 3300 4041
- 3300 4042
- 3300 4043
- 3300 4044
- 3300 4045
- 3300 4046
- 3300 4047
- 3300 4048
- 3300 4049
- 3300 4050
- 3300 4051
- 3300 5000
- 3300 5001
- 3300 5002
- 3300 5003
- 3300 5004
- 3300 5005
- 3300 5006
- 3300 5007
- 3300 5008
- 3300 5009
- 3300 5010
- 3300 5011
- 3300 5012



**Broadband Infrastructure Application
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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
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- 3300 5013
- 3300 5014
- 3300 5015
- 3300 5016
- 3300 5017
- 3300 5018
- 3300 5019
- 3300 5020
- 3300 5021
- 3300 5022
- 3300 5023
- 3300 5024
- 3300 5025
- 3300 5026
- 3300 5027
- 3300 5028
- 3300 5029
- 3300 6000
- 3300 6001
- 3300 6002
- 3300 6003
- 3300 6004
- 3300 6005
- 3300 6006
- 3300 6007
- 3300 6008
- 3300 6009
- 3300 6010
- 3300 6011
- 3300 6012
- 3300 6013
- 3300 6014
- 3400 1000
- 3400 1001



**Broadband Infrastructure Application
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3400 1002
3400 1003
3400 1004
3400 1005
3400 1006
3400 1007
3400 1008
3400 1009
3400 1010
3400 1011
3400 1012
3400 1013
3400 1014
3400 2000
3400 2001
3400 2002
3400 2003
3400 2004
3400 2005
3400 2006
3400 2007
3400 2008
3400 2009
3400 2010
3400 2011
3400 2012
3400 2013
3400 2014
3400 2015
3400 2016
3400 2017
3400 2018
3400 2019
3400 3000



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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
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- 3400 3001
- 3400 3002
- 3400 3003
- 3400 3004
- 3400 3005
- 3400 3006
- 3400 3007
- 3400 3008
- 3400 3009
- 3400 3010
- 3400 4000
- 3400 4001
- 3400 4002
- 3400 4003
- 3400 4004
- 3400 4005
- 3400 4006
- 3400 4007
- 3400 4008
- 3400 4009
- 3400 4010
- 3400 4011
- 3400 4012
- 3400 4013
- 3400 4014
- 3400 4015
- 3400 4016
- 3400 4017
- 3400 4018
- 3400 4019
- 3400 4020
- 3400 4021
- 3400 4022
- 3400 4023



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

Submitted Date: Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

3400 4024
3400 4025
3400 4026
3400 4027
3400 4028
3400 4029
3400 4030
3400 4031
3500 1008
3500 1009
3500 1012
3500 1013
3500 1014
3500 1018
3500 1019
3500 1028
3500 1029
3500 2002
3500 2003
3500 2004
3500 2005
3500 2007
3500 2008
3500 2011
3500 2013
3500 2014
3500 2015
3500 2016
3500 2017
3500 2018
3500 2019
3500 2020
3500 2021
3500 2022



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 3500 2023
- 3500 2024
- 3500 2025
- 3500 2026
- 3500 2027
- 3500 2028
- 3500 2029
- 3500 2030
- 3500 2031
- 3500 2032
- 3500 2041
- 3500 2042
- 3500 2043
- 3500 2044
- 3500 2045
- 3500 3000
- 3500 3001
- 3500 3002
- 3500 3003
- 3500 3004
- 3500 3005
- 3500 3006
- 3500 3007
- 3500 3008
- 3500 3009
- 3500 3010
- 3500 3011
- 3500 3012
- 3500 3013
- 3500 3014
- 3500 3015
- 3500 3016
- 3500 3017
- 3500 3018



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 3500 3019
- 3500 3021
- 3500 3022
- 3500 3023
- 3500 3024
- 3500 3025
- 3600 1023
- 3600 1025
- 3600 1045
- 3600 1048
- 3600 1049
- 3600 1050
- 3600 1054
- 3600 1055
- 3600 1056
- 3600 1057
- 3600 1058
- 3600 1061
- 3600 1064
- 3600 1065
- 3600 1066
- 3600 1067

Last Mile Service Area Name: Springfield
Community Name: **Springfield**
Rural Classification of the Community: Non-Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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



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

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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

Total Square Miles of Service Area: 14
Total Population : 52,864
Total Number of Households: 2,514
Total Number of Businesses: 1,011
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 10

Middle Mile Span Name:	Tri-City		
Census Blocks in Middle Mile Span:	190000	1009	
190000	1010		
190000	1012		
190000	1017		
190000	1018		
190000	1019		
190000	1021		
190000	1023		
190000	1024		
190000	1027		
190000	1029		
190000	1030		
190000	1031		
190000	1032		
190000	1034		
190000	1035		
190000	1036		
190000	1037		
190000	1038		
190000	1039		
190000	1040		
190000	1041		
190000	1042		
190000	1043		
190000	1044		
190000	1045		
190000	1046		



**Broadband Infrastructure Application
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- 190000 1048
- 190000 1050
- 190000 1051
- 190000 2005
- 190000 2012
- 190000 2016
- 190000 2020
- 190000 2021
- 190000 2022
- 190000 2023
- 190000 2024
- 190000 2025
- 190000 2026
- 190000 2027
- 190000 2028
- 190000 2029
- 190000 2030
- 190000 2031
- 190000 2032
- 190000 2033
- 190000 2034
- 190000 3003
- 190000 3005
- 190000 3006
- 190000 3008
- 190000 3009
- 190000 3010
- 190000 3011
- 190000 3012
- 190000 3014
- 190000 3015
- 190000 3016
- 190000 3017

Last Mile Service Area Name: Tri-City
Community Name: Tri-City



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

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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: Lane Council of Governments
Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

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

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

BTOP - Service Status: Underserved

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

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

Middle Mile Span Name: **Veneta**
Census Blocks in Middle Mile Span: 9022044

903 2002
903 2003
903 2013
903 2014
903 2015
903 2016
903 3000
903 3001
903 3002
903 3003
903 3004
903 3005
903 3006
903 3007
903 3008



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 903 4017
- 903 4020
- 903 4021
- 903 4022
- 903 4023
- 903 4024
- 903 4025
- 903 4026
- 904 2002
- 904 2003
- 904 2004
- 904 2005
- 904 2006
- 904 2007
- 904 2008
- 904 2009
- 904 2010
- 904 2011
- 904 2012
- 904 2013
- 904 2014
- 904 2015
- 904 2016
- 904 2017
- 904 2018
- 904 2019
- 904 2020
- 904 2021
- 904 2022
- 904 2023
- 904 2024
- 904 2025
- 904 2026
- 904 2027



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

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Task: Submit Application - Infrastructure Programs	Applicant Name: Milo R Mecham

- 904 2028
- 904 2029
- 904 2030
- 904 2031
- 904 2032
- 904 2033
- 904 2034

Last Mile Service Area Name: Veneta
Community Name: Veneta
Rural Classification of the Community: Rural
BIP – Service Status:

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

BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 3
Total Population : 2,755
Total Number of Households: 966
Total Number of Businesses: 94
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 6

Middle Mile Span Name: Junction City
Census Blocks in Middle Mile Span: 4031011 1011

- 4031012 1012
- 4031013 1013
- 4031014 1014
- 4031016 1016
- 4031017 1017
- 4031018 1018



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

Submitted Date:		Easygrants ID: 942	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

4031019 1019
4031020 1020
4031021 1021
4031022 1022
4031023 1023
4031024 1024
4031025 1025
4031026 1026
4031027 1027
4031028 1028
4031029 1029
4031030 1030
4031031 1031
4031032 1032
4031033 1033
4031034 1034
4031035 1035
4031036 1036
4031037 1037
4031038 1038
4031039 1039
4031040 1040
4031041 1041
4031042 1042
4031043 1043
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4031045 1045
4031046 1046
4031047 1047
4031048 1048
4031049 1049
4031050 1050
4031051 1051
4031052 1052



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

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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: Lane Council of Governments	
Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

4031053 1053
4031054 1054
4031055 1055
4031056 1056
4032000 2000
4032001 2001
4032002 2002
4032003 2003
4032004 2004
4032005 2005
4032006 2006
4032011 2011
4033000 3000
4033001 3001
4033002 3002
4033003 3003
4033004 3004
4033005 3005
4033006 3006
4033007 3007
4033008 3008
4033009 3009
4033010 3010
4033011 3011
4033012 3012
4033013 3013
4033014 3014
4033015 3015
4033016 3016
4033017 3017
4033018 3018
4033019 3019
4033020 3020
4033021 3021



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs		Applicant Name: Milo R Mecham	

4034000 4000
4034001 4001
4034002 4002
4034003 4003
4034004 4004
4034005 4005
4034006 4006
4034007 4007
4034008 4008
4034009 4009
4034010 4010
4034011 4011
4034012 4012
4034013 4013
4034014 4014
4034015 4015
4034016 4016
4034017 4017
4034018 4018
4034019 4019
4034020 4020
4034021 4021
4041023 1023
4041024 1024
4042020 2020
4042021 2021
4042022 2022
4042023 2023
4042024 2024
4042025 2025
4042026 2026
4042027 2027
4042028 2028
4042029 2029



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4042030 2030
4042032 2032
4042037 2037
4042038 2038
4042042 2042
4042043 2043
4042046 2046
4042047 2047
4043002 3002
4043003 3003
4043004 3004
4043005 3005
4043008 3008
4043009 3009
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4043011 3011
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4043029 3029



**Broadband Infrastructure Application
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4043030 3030
4043031 3031
4043032 3032
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4043035 3035
4043036 3036
4043037 3037
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4043040 3040
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4043042 3042
4043043 3043
4043044 3044
4043045 3045
4043046 3046
4043047 3047
4043048 3048
4043049 3049
4043050 3050
4043051 3051
4043052 3052
4043053 3053
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4043061 3061
4043062 3062
4043063 3063



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

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- 4043064 3064
- 4043065 3065
- 4043066 3066
- 4043067 3067
- 4043068 3068
- 4043069 3069
- 4043070 3070
- 4043071 3071
- 4043072 3072
- 4043073 3073
- 4043074 3074
- 4043075 3075
- 4043076 3076
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- 4043084 3084
- 4043085 3085
- 4043086 3086
- 4043087 3087
- 4043088 3088
- 4043089 3089
- 4043090 3090

Last Mile Service Area Name: Junction City
Community Name: Junction City
Rural Classification of the Community: Rural
BIP – Service Status:

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



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BTOP - Service Status: Underserved

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

Total Square Miles of Service Area: 1
Total Population : 4,721
Total Number of Households: 1,823
Total Number of Businesses: 118
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 3

N. Uploads

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