



**Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program**

Submitted Date: 6/24/2010 5:59:50 PM		Easygrants ID: 5376	
Funding Opportunity: Broadband Technology Opportunities Program		Applicant Organization: NORTHWEST OPEN ACCESS NETWORK	
Task: Submit Due Diligence - CCI Applications		Applicant Name: Mr. Dave Spencer	

Uploads

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

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Q 17&18 5376 NoaNet: Proforma Financials

Q 17 Request:

On the Pro Forma Balance Sheet, the Plant-in-Service line item in Year 2 is \$78,175,167 and the Capital Expenditures for the first two years total \$78,175,167, whereas the total project value is \$79,002,377. Please explain the difference and/or make appropriate changes to the Balance Sheet and the Statement of Cash Flows.

Answer:

The difference between the Plant-in-Service line item in Year 2 total of \$78,175,167 and the total project value of \$79,002,377 is \$827,210. This amount is the value of the required excise tax to the State of Washington for the project. The funds are subject to gross receipt tax called Business and Occupation tax in Washington. Therefore the Plant-in-service will be the project value less the required excise taxes. In this case the value is \$78,175,167.

Q 18 Request:

On the Pro Forma Income Statement, only two types of operational expenses are projected, network maintenance/monitoring and corporate G&A. Please provide more detail behind your assumptions and explain why only these two types of expenses are projected. Will other expenses be incrementally funded?

Answer:

NoaNet is a going concern. The operational expenses are a core part of doing business as a telecommunications company. Expenses beyond the projected increase in network maintenance/monitoring and corporate G&A would be funded directly out of revenue associated with the new network segments or incrementally funded by the current operations. Since the incremental costs associated with the new segments are small relative to the current operations, the assumption is that the expenses are minor and will be handled with current operations for expenses outside of the two identified areas.

Q 2 5376 NoaNet: Methodology of Area Status Unclear

Request

“Please resubmit your text narrative for the “Technology Questions” part of your application completely describing the methodology that you have deployed to determine which areas are unserved/underserved areas per NOFA definitions, detailing any assumptions made. Identify independent third party resources that you have used to validate your assumptions, or provide the supporting detail documenting your analysis or first-hand data collection. Please provide additional details surrounding any third party resources that may have been used to validate findings.”

Original Section

Methodology for Area Status:

The services areas selected were based on anchor institutions which claimed a need for new or expanded broadband services. Once the anchor institutions were surveyed all anchors institutions which had fiber based high capacity services available to them were removed. The remaining anchors were then grouped geographically and service areas were built with an eye towards establishing new Points of Interest, POI, particularly in unserved and underserved areas of the state. Once the service areas were defined we then identified the local service provider(s) and checked the website for the advertised speeds for the service area. If the website was not clear in its service offerings then the local chamber of commerce or anchor institutions were surveyed to determine what services were advertised locally.

Answer:

The Washington State Department of Information Services, the DIS, provided the list of State agency community anchor institutions which did not have broadband services 5Mb or greater speeds available. This list was compiled by having the agencies complete a survey put together by the DIS. NoaNet further reduced that list to those without identifiable fiber facilities within 1 mile. This list was used to identify communities with a lack of broadband services readily available or affordable and without adequate infrastructure to provide the 100Mb and 1 Gigabit services requested or desired and consistent with the national broadband plan issued by the FCC. The Washington State Department of Information Services, as a third party resource which provided information and support for applicants, conducted a survey of incumbent and cable operators for the areas identified as underserved in the initial survey of anchor institutions. This survey was done by checking the advertised services of the incumbent and cable operators within each of the zip codes of anchor institutions that were identified as not having available broadband. The DIS then recorded whether or not 3Mb broadband services were advertised in the proposed service areas provided to them by NoaNet. This survey resulted in identifying the underserved areas within the application due to the lack of advertised broadband speeds of 3Mb per the definition provided by NTIA in the NOFA. In addition, some of the serving areas, specifically, the Lower Elwha S’kallam reservation was identified both by its anchor institutions and by the fact that a cable operator submitted a grant request to NTIA/RUS in round 1 of this program, grant ID#3439 claiming the area was unserved. The area around Mission Lake in Kitsap while identified by anchor institutions along with other remote unincorporated areas in Kitsap county likewise was also identified by a cable operator as being unserved in round 1 with grant ID#3481. Each of these pieces of data was generated external to NoaNet by a third party.

Finally, the DIS has solicited broadband services for some of its anchor institutions in some of the service areas over the past couple of years. Those results, publicly available, are summarized below. The sites in gray did not receive a response as service was not available. Many sites could not get 100Mb services as the sites were often quoted with wireless backhaul. The large NRC made the sites unaffordable especially where the wireless could not be used to share with other entities. In many cases the monthly recurring charges, MRC, are not affordable. The proposed project costs of \$1,000 for 100Mb Ethernet services is in general a 30 to 100% reduction from the 10Mb cost received providing the anchor the opportunity to do more for the citizens they serve with the same budget.

Procurement #	Service Address	City	VENDOR	NRC	MRC 10 MBPS	MRC 30 MBPS	MRC 100 MBPS
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Century	164,444	645		1,025
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Qwest	165,410	834		1,446
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Sawtooth	34,000	1,055	1,555	
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Qwest	94,875	2,906	3,344	
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Noel	219,750	650	1,400	
T02-RFQQ-004 (2nd tier)	214 2nd Street	Asotin					
T08-RFQQ-009 (2nd tier)	46 School House Road	Brinnon	Qwest	317,816	1,313	1,500	
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Qwest	11,938	2,101	2,281	
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Sawtooth	20,500	1,055	2,035	
T08-RFQQ-009 (2nd tier)	13193 Hwy 112	SeKiu					
T08-RFQQ-009 (2nd tier)	91 W. Valley Rd.	Chimacum	Qwest	22,578	1,313	1,500	
T02-RFQQ-004 (2nd tier)	847 5th Street	Clarkston					
T08-RFQQ-009 (2nd tier)	North 1110 Morton	Colfax					
T02-RFQQ-004 (2nd tier)	706 Union St.	Colton					
T08-RFQQ-009 (2nd tier)	706 Union St.	Colton					
T02-RFQQ-004 (2nd tier)	154 Hwy 20 E	Colville					
T08-RFQQ-009 (2nd tier)	154 Hwy 20 E	Colville					
T08-RFQQ-009 (2nd tier)	19710 State Route 534	Mount Vernon	Qwest	5,000	1,375	2,625	
T08-RFQQ-009 (2nd tier)	19710 State Route 534	Mount Vernon	Noel	189,680	650	1,200	
T08-RFQQ-009 (2nd tier)	50350 Hwy. 112	Joyce	Qwest	106,250	1,375	1,750	

T08-RFQQ-009 (2nd tier)	614 S. 3rd St.	Dayton					
T02-RFQQ-004 (2nd tier)	East 1120 D Street	Deer Park					
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Pocket	321,353	850	1,812	
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Noel	339,915	650	1,400	
T02-RFQQ-004 (2nd tier)	700 E. Fourth Street,	La Center					
T08-RFQQ-009 (2nd tier)	700 E. Fourth Street,	La Center	Qwest	19,594	2,139	2,325	
T08-RFQQ-009 (2nd tier)	700 E. Fourth Street,	La Center	Sawtooth	27,691	1,055	2,035	
T08-RFQQ-009 (2nd tier)	16800 16th Dr. N.E.	Marysville	Noel	134,400	650	1,200	
T08-RFQQ-009 (2nd tier)	16800 16th Dr. N.E.	Marysville	Qwest	156,679	1,185	1,475	
T02-RFQQ-004 (2nd tier)	625 Keasey St.	Lyle					
T08-RFQQ-009 (2nd tier)	445 Williams Street	Mossyrock					
T08-RFQQ-009 (2nd tier)	2580 Montesano Street S.	Westport					
T08-RFQQ-009 (2nd tier)	280 5th Street West - Telecom Center	Onalaska					
T08-RFQQ-009 (2nd tier)	294715 Hwy. 101	Quilcene	Qwest	18,109	1,313	1,500	
T02-RFQQ-004 (2nd tier)	2630 So. Hillhurst Road	Ridgefield					
T08-RFQQ-009 (2nd tier)	29000 NE 150th St.	Duvall	Qwest	95,500	3,125	4,635	
T08-RFQQ-009 (2nd tier)	29000 NE 150th St.	Duvall	Noel	108,800	650	1,400	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Pocket	325,375	850	1,812	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Noel	339,915	650	1,400	
T02-RFQQ-004 (2nd tier)	500 S. 3rd	Cathlamet					
T08-RFQQ-009 (2nd tier)	500 S Third	Cathlamet					
T08-RFQQ-009 (2nd tier)	516 Silverbrook Road	Randle					

Q 6 5376 NoaNet: Level of Need

Request:

Please provide any additional detail possible regarding competitor services and prices in the areas in which you will be providing new service. If this is unavailable, then such can be demonstrated through the CAI letters described above- the CAI's can themselves describe their current terms of service.

Answer:

The competitor table has been updated and attached for your review with additional information.

Qwest, CenturyLink, Comcast, charter, Wave Holdings all have a standard advertised price across all serving areas of the state of Washington. However not all advertised services are available or advertised in all serving areas as identified by the Area Status.

BTOP Comprehensive Community Infrastructure Service Offerings and Competitor Data Template

Please complete the complete the following worksheets--either of the Last Mile or Middle Mile Service Offerings worksheets may be omitted if the applicant is not proposing to provide that type.

For both the Last Mile and Middle Mile Service Offerings worksheets, the service offerings should include all relevant tiers and markets (*e.g.* residential, business, wholesale). Applicants should ensure to include details on any services that would be offered at discounted rates to specific classes of customers (*e.g.* community anchor institutions or third party service providers).

In the Last Mile Service Offerings worksheet, applicants are required to provide estimated end user speeds. Average speeds should be the average sustained actual, non-burst end user speed that would be received during a peak hour. For purposes of calculating these speeds, applicants should utilize their subscriber projections for year eight of the project, and develop utilization projections that are consistent with any additional services the applicant proposes. For wireless broadband services, this speed should be an average of the speeds available across the entire cell. Beyond these general guidelines, due to the multiplicity of technical solutions that may be proposed, the applicants may use discretion to determine the most reasonable method to estimate actual speeds on their network. Applicants should explain the underlying methodology used to calculate the average speeds in the space provided.

In the Competitor Data worksheet, applicants are required to provide data on both Last Mile and middle mile service providers, regardless of whether the applicant proposes to offer Last Mile and middle mile services. In the column titled Service Areas Where Service Offered, applicants should list all of the Last Mile and Middle Mile Service Areas within their Proposed Project Area in which the listed services are available. Please ensure that the Service Areas are consistent with those provided within the application and the Service Areas attached to the application. If the actual availability of the listed services is limited (*e.g.* the service is only available within a specific Last Mile or Middle Mile Service Area), note this in the Other Comments column.

In contrast to several other attachment templates in this application, the data provided in this template will NOT be subject to automated processing. These templates worksheets are provided to demonstrate the level of data required and to provide a suggested format. Applicants may modify the template layouts in order to provide the most effective presentation of data for their specific project. Applicants should, however, ensure that they provide at least as much data as these templates require. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that is difficult to understand. It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a CD-ROM, or flash drive.

Middle Mile
provide services of

offerings should
plans should be
particular
(riders).

estimated average
fast speeds that an
plans, applicants
subscriber
plans to offer.
available across an
solutions that may
manner in which
making assumptions

last mile and
for both last mile
plans, applicants
Funded Service
plan names are
relevant. If the
within part of the

provided via this
plans are provided
applicants are free to
the data for
as much detail
ensure that the
will be difficult
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Proposed Last Mile Service Offerings

Name of Service Tier	Advertised Speeds		Estimated Average Speeds		Average Latency	Pricing Plan (\$ per month)	Other Comments/Description/Features or Limitations
	Downstream Mbps	Upstream Mbps	Downstream Mbps	Upstream Mbps	@ End User CPE milliseconds		
Basic Tier	1mbps	1mbps	869 kbps	700 kbps	45	\$19.95	Rates are for new user using customer supplied access cards
Enhanced	3 mbps	1mbps	2.5 mbps	700 kbps	45	\$27.50	Extended range CPE unit if needed available for additional \$85.00 or \$3.95/mo.
Pro Service	6 mbps	1mbps	4.2 mbps	700 kbps	45	\$32.00	
FiberPro	100mbs	100mbs	100mbs	100mbs	15	\$500.00	Business Class Ethernet

Explanation of Average Speed Calculations:

Wireless infrastructure and backhaul with full loading of Public safety, utility and consumer services it be provisioned to provide an average transfer speed of 70% of the advertised transmission speed.

Latency is based on service to a subscriber receiving service from an access point located through a double hop mesh access point. It includes the backhaul, directly connected access point and one intervening mesh access device

Competitor Data

Competitor Data - Last Mile Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Description/Features or Limitations
Qwest	Cam,wpt,wpo,tap,the,ste,qce,ruc,fwn,phk,pas,oig,nms,ndd,mne,iss,kfs,gee	DSL	1.5 Level	1.5 Mbps	\$ 30.00	Internet Only- 1st yr
			7 Level	7.0 Mbps	\$ 35.00	Internet Only- 1st yr
			20 Level	20.0 Mbps	\$ 55.00	Internet Only- 1st yr
Wave Broadband	pas,sbk,	Cable Modem	High Speed 3	3.0 Mbps	\$ 39.50	Internet Only- 1st yr
			High Speed 6	6.0 Mbps	\$ 44.94	Internet Only- 1st yr
			High Speed 18	18.0 Mbps	\$ 49.95	Internet Only- 1st yr
Verizonwireless	Cam,wpt,wpo,tap,the,ste,qce,ruc,fwn,phk,pas,oig,nms,ndd,mne,iss,kfs,gee,wsn,wta,usk,ske,rer,rve,pwd,let,	3G -Wireless	250 MB download	1.4 Mbps	\$ 39.99	
			5 GB download	1.4 Mbps	\$ 59.99	

Competitor Data - Middle Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Distance Band or Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments/Description/Features or Limitations
Qwest	Cam,wpt,wpo,tap,the,ste,qce,ruc,fwn,phk,pas,oig,nms,ndd,mne,iss,kfs,gee	Sonet	DS-1	Zero Mile	1.5Mbs	\$425	FCC-1 Tariff, 2 chan term 0 mile service
			DS-3	Zero Mile	45Mbs	\$1,625	FCC-1 Tariff, 2 chan term 0 mile service
			OC-3	Zero Mile	155Mbs	\$2,420	FCC-1 Tariff, 2 chan term 0 mile service
Verizon	wsn,wta,usk,ske,rer,rve,pwd,let,mfs,ioe,dmg	Sonet	DS-1	Zero Mile	1.5Mbs	\$560	Tariff 2 chan term 0 mile service
			DS-3	Zero Mile	45Mbs	\$2,100	Tariff 2 chan term 0 mile service
			OC-3	Zero Mile	155Mbs	\$3,340	Tariff 2 chan term 0 mile service
CenturyLink	amp,ash,cwh,cve,crs,cwe,ebe,hrh,jao,lye,mtn,prn,plo,psr,ttt,wpo,whm,zlh,ola	Ethernet	1-3Mbs	Zero Mile	1.5Mbs	\$422	Public Tariff, found in Supplemental Section
			10Mbs	Zero Mile	10Mbs	\$922	Public Tariff, found in Supplemental Section
			100Mbs	Zero Mile	100Mbs	\$3,600	Public Tariff, found in Supplemental Section

Pulled the posted tariffs for the different competitors. These tariffs are mileage dependent penalizing the more rural areas.

When services are available there is generally a mileage component resulting in a higher monthly price. There are discounts available for term.



FERRY COUNTY BOARD OF COMMISSIONERS

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TELEPHONE (509) 775-5229 · FAX (509) 775-5230

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commissioners@co.ferry.wa.us

May 25, 2010

Lawrence Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Ave. N.W.
Washington, DC 20230

Re: Northwest Open Access Network (NoaNet) Application
NTIA National Broadband Technology Opportunity Program (BTOP)

Dear Assistant Secretary Strickling,

This letter is being written in support of the State of Washington Broadband Consortium, ID #5376 application for the broadband infrastructure improvement portion of the ARRA Stimulus Funding Act.

We cannot express enough how important this project is to our County with having one of the highest (12.7) unemployment rates in the State. This project will provide the opportunity for companies to locate in our area which will provide much needed living wage jobs. We are a very rural community and the internet we do have is very slow, unreliable and has no redundancy. Ferry County is economically unable to finance a project of this magnitude in order to provide this service to our citizens/community.

Not only will this provide the tools to create jobs in our area it will enhance the way of living for our citizens. For example our citizens have to travel anywhere from 60 to 120 miles for any specialized medical treatment/consultations when needed. With providing the bandwidth needed we could provide these services thru telemedicine. Also this would provide the services needed for our business to enhance/expand their companies. We also have a Community College (an extension of the Spokane Community College) that has become necessary in our community for those who have lost jobs and are in need of re-training due to the logging, mining, etc being eliminated. Although we do have this service it is very slow, unreliable and without redundancy which makes continuing your education very difficult to accomplish. Being a very rural county any schooling/training that can't be done at the Community College requires

traveling. County employees have mandatory training and the cost of this is excessive considering the travel, lodging and meals. With having broadband infrastructure in our community we could perform these trainings thru teleconference keeping us compliant with state laws at minimal cost to the county. This alone would be a great benefit for an already economically depressed county and is critical for Ferry County becoming a self sustainable county.

Once again we cannot communicate enough how important this is to our county as well as our citizens and business. Thank you for your attention and consideration of this project.

Sincerely,

BOARD OF FERRY COUNTY COMMISSIONERS,
FERRY COUNTY, WASHINGTON


RONALD "JOE" BOND, Chairman



May 20, 2010

DEPARTMENT OF COMMERCE
National Telecommunications and Information Administration
Broadband Technologies Opportunity Program
RIN : 0660-ZA28

RE: NTIA National Broadband Technology Opportunity Program (BTOP) Application

To Whom It May Concern,

I am writing in support of the broadband project sponsored by the Northwest Open Access Network (NoaNet) and the Washington State Department of Information Services.

Our library is located in a rural area with many isolated outlying communities, pockets of high poverty and great need. Many children in our community have no access to broadband services or personal computers to do their schoolwork. We fill that gap.

The computers used in the library's afterschool homework program are utilized to do research and complete assignments. This access creates a level playing field for these children and is critical to their success at school.

As the economy has worsened, the library has become a sanctuary for job seekers, as well. They use our computers and Internet connections to research openings, submit applications and create resumes and cover letters. There have been numerous success stories. Here is a quote from Ms. Adrienn Gentle of Port Ludlow. Adrienn used our computers to write a resume and cover letter and used our broadband connection to apply for a job.

"I owe this library a great debt of gratitude. With the help of your services...I was able to land the job of my dreams! "

Yet, even as our successes grow, we find that every afternoon our computers slow to a crawl due to too much demand and not enough bandwidth. If we are to help our kids and our job seekers succeed, we need adequate transmission capacity -- transmission capacity that we cannot afford to purchase ourselves.

The library has made a serious effort to secure enhanced bandwidth. We worked with our local vendor – Qwest – on a proposal to increase transmission capacity to just 10 mbps. The cost on a three year contract was \$6,000 for installation and a monthly charge of \$1,050. Those charges are far beyond our means.

We strongly support this critical project and hope you will approve this application.

Sincerely,

A handwritten signature in black ink, appearing to be the initials "Ry" followed by a stylized surname.

Ray Serebrin
Director

Cc: Gary Bortel, Washington State Library

PORT TOWNSEND SCHOOL DISTRICT

“Discover the Power of Learning”

Superintendent
Thomas A. Opstad, Ed.D

360 / 379-4502
FAX: 360 / 385-3617
www.ptschools.org

Lincoln Building
450 Fir Street
Port Townsend, Washington 98368

Board of Directors
Anne Burkart
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May 21, 2010

DEPARTMENT OF COMMERCE
National Telecommunications and Information Administration
Broadband Technologies Opportunity Program

RIN: 0660-ZA28

RE: NTIA National Broadband Technology Opportunity Program (BTOP) Application

The Port Townsend School District continues to partner with the Northwest Open Access Network (NoaNet), Washington State Department of Information Services (DIS) and other agencies in Jefferson County to support the broadband project. Successful completion of this project will bring much needed infrastructure services to Port Townsend's public schools. As a small school district with increasing broadband needs, the BTOP will provide a key connection to the state's K-20 network and related Internet services. Currently, over 1,200 students in our schools are not able to take advantage of the educational technologies available in more affluent areas.

We continue to be underserved by broadband and continued attempts to connect our schools with high-speed fiber have been unsuccessful. Local providers have fallen short and our population is unable achieve the same connectivity enjoyed by those in more populated areas. We have reached a point where the demands on our system exceed current capacity with no way to solve the problem. We have tried to work with the only two providers in our county to get high-speed access and continually run into challenges. It seems like a lack of funding has been the standard response for no action. This project will provide the technological infrastructure we need in order to provide quality services to staff, students, parents and community members. We are fast approaching a crisis with our lack of broadband access for our students and staff. I fully support this grant in order to meet our current and future need.

We are committed to working in partnership with the other governmental agencies in Jefferson County to meet the goal of increased services necessary for a growing digital world. Building a school district that is capable of serving the needs of students well into the 21st century requires infrastructure that we currently lack. The hope and expectations this project will bring to the schools in Jefferson County is both exciting and refreshing. For many years the community has worked together try to find a way to bring broadband to the county, and the BTOP grant seems like the opportunity we have been seeking.

As the Superintendent of a rural school district I wholeheartedly support this project. Approval of this project will have a lasting effect on generations of students and families as they learn, work and connect to the world through increased broadband opportunities. Thank you in advance for your work and consideration of this grant for Jefferson County.

Sincerely,

Thomas A. Opstad
Superintendent
TAO/rpb



March 13, 2010

Resending and Confirming May 21, 2010

Department of Commerce
National Telecommunications and Information Administration
Broadband Technologies Opportunity Program
RIN 0660-ZA28

Re: NTIA National Broadband Technology Opportunity Program (BTOP)
Application

To Whom it may concern:

This letter is to confirm the correspondence that we sent March 13, 2010 in support of Noa Net BTOP grant.

We wish to confirm that we as a local Extension office of Washington State University have been UNABLE to get the internet service at the level we need and at the level we have contracted for. We have worked and negotiated with Broadstripe/ Milleneum - and while their staff has tried to be helpful- the bottom line is that we have a signed contract with Broadstripe to get high speed service at our site. Last summer they "turned down" our service from 100MB to 2MB and we are frequently unable to get the 786K we need for video conferencing!!!! Our web site breaks up—our staff has long delays- we are unable to connect to distance learning- our video conference equipment can not be relied upon. We have tried to negotiate higher band width so that we can continue distance learning programs in this community and have been unable to get response or service from Broadstripe/Milleneum . If the other tenants in our building are using the equipment our WSU system comes down to a dead halt! We have talked to Broadband- We've been told that their financial situation prohibits them from providing us service and that they are waiting until October 2010 to terminate entirely.

As I wrote in my March correspondence.

Imagine, you are a single parent, leaving your home every morning at 4AM or staying up until 2AM so that you can study for your college degree—because broadband is not available in your rural community and you have to connect with east coast satellite to finish your required courses- you leave your children while they are still in bed, they fix their own breakfast, see themselves off to school without you—because you want to get a degree and there is no broadband in your community that would let you study during regular hours.

WSU has a contract with broadstripe to provide 100MB of broadband for our student courses. Last year over \$6000 of our equipment burned out, our systems went down, we can't provide courses and our provider, Broadstripe, refused to restore our systems. We are now forced to operate on 2MB. . .dramatically below our contractual level, because Broadstripe refuses to provide us our contractual service. And the parents who want to continue show up at our office at 4AM when we can downlink courses before the internet is too slow to run programs.

WSU Jefferson County desperately needs broadband- There is no other way of saying it- We've been denied the access we need. We've had to cancel classes and programs. We have over 350 students trying to finish their college programs in this rural community and daily we face the challenges of not having broadband. We can't connect employers with potential workforce. We have parents going further in debt because they can only take one or two courses instead of a full credit program on line. We have employers anxious to expand their businesses but they can't send complex architectural marine drawings or manufacturing specs because we don't have broadband. Even though we are the home to one of the fastest growing technology companies, we've tried to provide their employees degree programs on line, the company is limited in its growth because they spend at least two days a week with their technicians trying to gerrymeander internet access which is inconsistent and expensive

Yes, we can keep \$32,000 a year in our community for each student who can earn a WSU degree online Yes, we need broadband to do this Yes, we could save our local government .55cents a mile if meetings could be held on line rather than take 3 hours to and from each meeting . Yes, we could with broadband. Yes, we could generate jobs, new businesses, nurses, artists, teachers, and entrepreneurs. Yes, we could save people when they have strokes, keep our businesses viable when the ferry and then the bridge go down and leave us isolated for months .

But instead, many of our youth are limited to 2400 Mps to do school research, to share videos and films, to learn what the rest of the world knows. Yes we need broadband to give these kids a chance for a future. In 2007- one of our school districts had a sizable grant from the Gates Foundation. Guess. The school didn't have access to broadband or a viable internet connection so there was no

reason to install computers! No ability for students to learn internet based research.

We at WSU have hosted Gates funded students from Korea, Tai Wan, and Rwanda. . .all with faster internet connections than the children in rural Jefferson County!

Yes, are we supportive of this broadband proposal. Yes, do we care for the future of our children and their ability to work and not be sentenced to rural poverty for the rest of their lives. Yes, we want to be able to attract high –tech, high- wage jobs in our community. Yes, this is perhaps our last, best chance to get broadband in our community . One hundred years ago the train circumvented our community. Some say we have never recovered- This community really needs fast broadband in our community.

L. Katherine Baril

Signed again on May 21,2010

L. Katherine Baril, MBA, JD

Director, WSU Jefferson County Extension



Kitsap Regional Coordinating Council

Chair
Commissioner Steve Bauer
Kitsap County

Vice-Chair
Mayor Patty Lent
City of Bremerton

Commissioner Josh Brown
Commissioner Charlotte Garrido
Kitsap County

Council Member Will Maupin
Council Member Dianne Robinson
Council Member Greg Wheeler *
City of Bremerton

Council Member Kim Brackett
Council Member Hilary Franz
Council Member Kirsten Hytopoulos *
City of Bainbridge Island

Mayor Lary Coppola
Council Member Carolyn Powers
Council Member Jim Colebank *
City of Port Orchard

Mayor Becky Erickson
Council Member Dale Rudolph *
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Council Chair Leonard Forsman
Rob Purser *
*Suquamish Tribe****

Council Chairman Jeromy Sullivan
Council Member Kelly Baze *
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Port of Bremerton

Captain Mark Olson
Tom Danaher, PAO *
*Naval Base Kitsap ***

Mary McClure
*Executive Management
McClure Consulting LLC*

* *Alternate*
** *Ex Officio Member*
*** *Associate Member*

P.O. Box 1934
Kingston, WA 98346
360-377-4900 (voice)
360-297-7762 (fax)
www.KitsapRegionalCouncil.org

1.

Reference: State of Washington Broadband Consortium
Application (EasyGrants ID# 5376)

May 25, 2010

Ref. NTIA Due-Diligence:

Kitsap County portion, State of Washington Broadband Consortium
Comprehensive Community Infrastructure (CCI)

Background

Local Government in Kitsap County (County, Cities, Tribes, Naval Base Kitsap, Port of Bremerton) came together in the early 1990's to create the Kitsap Regional Coordinating Council (KRCC). The Council has several key initiatives involving transportation and urban growth. The Council also had the foresight to create a Broadband Advisory Group. The Broadband Group was expanded to include Public Safety (Central 911 and Emergency Management) as well as the School and Fire Districts, Kitsap Regional Library system, and the Kitsap Public Utility District.

In 2005, the Broadband Advisory Group started pursuing the vision of expanding broadband throughout Kitsap County. The basis of the vision was public safety. The objective was to create a shared network, in today's world a "cloud" of Virtual LANS, through one common network rather than the expense of many separate networks for each agency and/or service.

Local government in the State of Washington essentially has two primary sources of revenue; property tax and sales tax. By virtue of a citizen-driven initiative several years ago, local government in the State of Washington is limited to a one-percent annual increase in property tax. This is clearly far less than annual inflation and means that local government agencies in Kitsap County struggle to provide the basic essential services. Availability of broadband is a service clearly needed for our schools, libraries, and public safety; however, given the economics in this region, there is not sufficient funding to provide it.

Research and Actions To Date

1. Kitsap County requested a price quote, seeking an estimate to migrate the County's existing OC3 Sonnet Ring (bundled T-1's) to a fiber-based WAN. The scope of the request only covered County locations and did not include the other "partner" agencies in the Broadband Group. The estimate was \$1.2 million and was not economically feasible for the County.
 -
2. Kitsap County is served by two cable TV providers; Comcast and Wave Cable. Each provider is the sole cable TV provider in their established areas of the county. The County negotiated with Comcast during a Franchise Renewal effort, seeking to obtain dark fiber as a cost-effective way to expand broadband. Comcast would not contractually commit to or engage in a shared network, thus eliminating that option.

3. A sub-group of the partner agencies noted above was established to promote the use of Technology Tools and Tele-work (T-3). The objective was to help increase the demand for bandwidth in the region, thus encouraging communication providers to invest in and expand services. The local providers made it very clear they would NOT openly share maps of communication capacity or future expansion plans with their competitors. Without cooperation from the communication providers, the effort stalled.

Current Status

The partner agencies of the KRCC Broadband Advisory Group are seeking Broadband Stimulus Funding through NTIA-BTOP as a means of fulfilling our "Middle Mile" vision. Our key focus continues to be expanding broadband services for our schools, libraries, and public safety. The portion of this grant application attributed to this effort is just over one million dollars. Given the economic recession as well as our previously noted property tax revenue limitations, the partner agencies are not in a financial position to fund the capital necessary to implement this education and public safety project.

A key component of the Kitsap County vision is that in times of emergency, our public safety and first responders need the ability to connect to school buildings. In times of regional emergencies (earthquake, flood, and terrorist activity) schools, libraries, public facilities and local community centers become critical gathering and information distribution sites. Having broadband connectivity is critical to public safety in a region that has a higher than average incident probability due to the Nuclear Naval Base Bangor and Puget Sound Naval Shipyard.

The core of our county-wide 911 service is dependent on network infrastructure at the County and CenCom. Public Safety service to 240,000 citizens should not be dependent on a single network provider nor be subject to the infamous "backhoe" incident. This application creates the opportunity to implement redundant-alternate paths of network infrastructure for Public Safety and Emergency Operations Centers for the County and four Cities.

The Broadband Group has been seeking cost effective strategies for over five years, as noted above. Your consideration and acceptance of our request would be greatly appreciated.

Respectfully Submitted:



Bud J. Harris, Director
Dept. of Information Services
and Facilities, Kitsap County
BJHarris@co.kitsap.wa.us
360-337-4405



Mary McClure, Executive Director
Kitsap Regional Coordinating Council
Kingston, Washington
McClure@KitsapRegionalCouncil.org
360-377-4900

May 25, 2010

Reference: State of Washington Broadband Consortium
Application (EasyGrants ID# 5376)

Availability of broadband is a service clearly needed for our schools, libraries, and public safety; however, given the economics in this region, there is not sufficient funding to provide it.

An example of the need for the BTOP 2 funding in Kitsap County may best be explained by the following example.

One of our five school districts has advertized for a response to a Request for Proposal (RFP) for Wide Area Ethernet Network (USAC/E-RATE 470 # 803010000700842).

This proposed network, for this particular school district, will include and tie together 27 schools and District Facilities (Elementary through Senior High) with a lit fiber gigabit WAN network serving all of its geographic locations throughout Kitsap County.

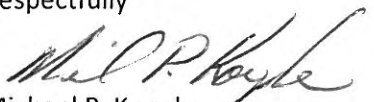
This proposal would upgrade their current service levels from their bundled T1 circuits (T1 at 1.5 mbps) which are creating issues for the District as they move to IP based programs which require much higher levels of bandwidth.

The lowest Capex (capital) cost evaluated was \$2.5 million.

If the BTOP 2 funding were available those Capex cost to the school district would be \$220,000.

This reflects a significant saving to the school district, especially during these hard economic times, not to mention the saving to the taxpayers supporting the school district.

Respectfully



Michael P. Koepke
Assistant General Manager
Kitsap Public Utility District No. 1

May 19, 2010

RE: NTIA National Broadband Technology Opportunity Program (BTOP) Application

To: DEPARTMENT OF COMMERCE

National Telecommunications and Information Administration
Broadband Technologies Opportunity Program (RIN: 0660-ZA28)

Intellicheck Mobilisa (NYSE Amex: IDN) is a commercial high-tech company headquartered in Port Townsend, Washington. We highly endorse the Jefferson County application with Northwest Open Access Network (NoaNet) for funding to build much needed infrastructure and bandwidth services to this rural location on the Olympic Peninsula.

We were recently selected by Deloitte to their FAST 500 list of the fastest growing public and private companies in North America. We placed 6th of the twenty Washington State companies that made the FAST 500. Interestingly, we were the only rural-based company in our state on that list. The state has concerns of traffic and congestion, but it can be argued this is a self-made problem because the bandwidth infrastructure is only concentrated in Seattle corridor.

Our company developed Wi-Fi service for the Washington State Ferries, operates access control systems for the US military, and is currently designing and building a high-tech mesh network of homeland security buoys in Puget Sound. All of these projects require significant and reliable bandwidth.

Businesses need reliable, high-speed network connectivity. At our Port Townsend headquarters, we do our best using bandwidth from multiple DSL lines, cable services and purchased T-1 accounts. This approach allows us to “just get by” and requires unnecessary internal daily management to make it work. We purchase bandwidth from four providers and attempt to glue it together, but still have less overall bandwidth than my sister has via a home-user Comcast account at her home in the Seattle area. Clearly, this lack of bandwidth infrastructure is a very real barrier to entry for high-tech companies wishing to start or relocate to Jefferson County.

The bandwidth is not just needed for commercial companies—it is needed to make a vibrant community. The hospital, the schools, the emergency services, the library, the Port, City and County Administration all needs bandwidth. Employees choose to live in communities that are well served with good schools. Again, this requires bandwidth. Furthermore, emergency services and disaster relief teams, should they ever be needed here in the rural areas of the Olympic Peninsula, must have access to high-speed data services. Under these circumstances, the availability of high-speed, reliable data access is truly a matter of life and death.

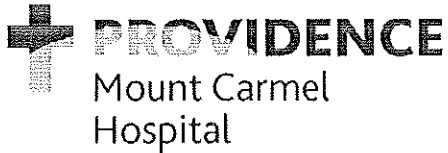
You will not find a community team of government, services, and business that is more highly motivated to work with you to develop this needed infrastructure.

Our company and board of directors wholeheartedly support this project. Thank you for your consideration of this grant for Jefferson County.

Sincerely,

A handwritten signature in black ink that reads "Nelson Ludlow". The signature is written in a cursive style with a long horizontal flourish at the end.

Nelson D. Ludlow, PhD
Chief Executive Officer



982 East Columbia Avenue
Colville, Washington 99114
509 685-5100

To whom it may concern,

Providence Mt. Carmel Hospital supports the BTOP broadband project due to insufficient telecommunications resources in our community. This letter outlines some of our recent historical efforts to acquire additional bandwidth and thus maintain the highest level of care for our patients.

In 2008 and 2009, separate projects were initiated to evaluate the ability of additional bandwidth to our facility in Colville. The first initiative was an effort to verify whether or not we could legitimately implement a 100Mb microwave connection over 6 "hops" to Spokane. The findings of this project were a capital investment of \$172,000 and a monthly operating commitment of in excess of \$15,000. While technically feasible, questions remain on the reliability and economic viability of this option.

The second initiative explored extending a fiber infrastructure from Mt. Carmel Hospital to Qwest central office and increase bandwidth to Spokane. The findings of this project included special construction fees of \$50,000 and recurring monthly charges in excess of \$6,000. The primary drawback to this alternative remains bandwidth limited at 45Mb and a lack of redundant connectivity.

Presently, Providence Mt. Carmel Hospital has maximized its available bandwidth over existing infrastructure using 7 T-1 connections. The BTOP broadband project would provide a robust increase to available bandwidth as well as offering extending connectivity capabilities in our community. With the expanded requirements of digital medical data, increased home and remote monitoring, as well as specialty service lines, the need for bandwidth will only increase. It is our sincere hope that this grant will support our community's healthcare needs.

Sincerely,

A handwritten signature in black ink, appearing to read "Theron DePaulo", written over a white background.

Theron DePaulo,
Administrative Director, Information Systems

A handwritten signature in black ink, appearing to read "Jed Ortner", written over a white background.

Jed Ortner
Information Systems Analyst



May 25, 2010

Mr. Mike Henson, Chief Security Officer
NoaNet Headquarters
5802 Overlook Ave NE
Tacoma, WA 98422

Dear Mike,

The principal purpose and overall goal of the Port Angeles BTOP Comprehensive Community Infrastructure grant application is to provide reliable and timely information to a broad range of first responders in our area. The participants in this project include the City's Police and Fire departments, Clallam County's Sheriff patrols and Fire Districts, and local law enforcement serving the Lower Elwha Klallam Tribe.

Our requirements for data transfer support (throughput, availability, etc.) to our staff in the field mimic those of our desktop users. Timely access measured in seconds is imperative if information is to be of value and properly address the needs of first responders in the field. They need access to high-resolution maps and photo images, as well as high-quality real-time video to support surveillance applications.

Port Angeles' urban and suburban areas have commercial data network wireless service from at least two providers that can support our low-capacity needs such as Web access and e-mail. Unfortunately those commercial providers do not support the effective transfer of high-volume, mission-critical data. The effective download speeds are measured in metrics of several hundred kilobits at best. What is worse, in times of high network utilization such as during bad weather and major events—the very time the network is most critical to first responders—service can deteriorate to unacceptable levels.

To address these needs and ameliorate current service shortcomings, the proposed Port Angeles 4.9 GHz public safety network will provide first responders with an area-wide system that will:

- Provide responders in the field the same level of access as they have at their desks
- Expand existing fiber optic network resources to the mobile and personal access devices of public safety and municipal support staff
- Support data transfer speed of 54 Mbps—a factor at least 100 times greater than commercially available speeds
- Permit a high level of availability at all times to support critical applications, because it will be dedicated to public service use

Commercial cellular service using air cards is the only alternative to the proposed wireless mesh network. A cellular wireless network would be at least 100 times slower than a mesh wireless network, and, for example, once fully deployed would cost the City's Police Department around \$30,000 per year for a service that in normal use has already demonstrated that it lacks sufficient capacity for public safety. The proposed mesh network meets the partner's current and projected public safety needs at a price that could be comparable to a cellular network. Absent this grant, there is no existing in-place or projected commercial product that will truly address our public safety needs. The City and the participating agencies have the resources to meet the BTOP match requirements and to support the future operation of the wireless mesh network, but without the grant the City and its partners cannot afford to implement this critical project.

Sincerely,

Kent Myers
City Manager

Phone: 360-417-4500 / **Fax:** 360-417-4509 / **TTY:** 360-417-4645

Website: www.cityofpa.us / **Email:** citymanager@cityofpa.us

321 East Fifth Street - P.O. Box 1150 / Port Angeles, WA 98362-0217

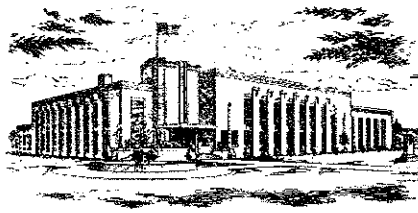
K-20 Bid Response History
(for sites NOT installed)

Procurement #	Service Address	City	VENDOR	NRC	MRC 10 MBPS	MRC 30 MBPS	MRC 100 MBPS
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Century	164,444	645		1,025
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Qwest	165,410	834		1,446
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Sawtooth	34,000	1,055	1,555	
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Qwest	94,875	2,906	3,344	
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Noel	219,750	650	1,400	
T02-RFQQ-004 (2nd tier)	214 2nd Street	Asotin					
T08-RFQQ-009 (2nd tier)	46 School House Road	Brinnon	Qwest	317,816	1,313	1,500	
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Qwest	11,938	2,101	2,281	
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Sawtooth	20,500	1,055	2,035	
T08-RFQQ-009 (2nd tier)	91 W. Valley Rd.	Chimacum	Qwest	22,578	1,313	1,500	
T02-RFQQ-004 (2nd tier)	847 5th Street	Clarkston					
T08-RFQQ-009 (2nd tier)	North 1110 Morton	Colfax					
T02-RFQQ-004 (2nd tier)	706 Union St.	Colton					
T08-RFQQ-009 (2nd tier)	706 Union St.	Colton					
T02-RFQQ-004 (2nd tier)	154 Hwy 20 E	Colville					
T08-RFQQ-009 (2nd tier)	154 Hwy 20 E	Colville					
T08-RFQQ-009 (2nd tier)	19710 State Route 534	Mount Vernon	Qwest	5,000	1,375	2,625	
T08-RFQQ-009 (2nd tier)	19710 State Route 534	Mount Vernon	Noel	189,680	650	1,200	
T08-RFQQ-009 (2nd tier)	50350 Hwy. 112	Joyce	Qwest	106,250	1,375	1,750	
T08-RFQQ-009 (2nd tier)	614 S. 3rd St.	Dayton					
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Pocket	321,353	850	1,812	
T08-RFQQ-009 (2nd tier)	East 1120 D Street	Deer Park	Noel	339,915	650	1,400	
T08-RFQQ-009 (2nd tier)	700 E. Fourth Street,	La Center	Qwest	19,594	2,139	2,325	
T08-RFQQ-009 (2nd tier)	700 E. Fourth Street,	La Center	Sawtooth	27,691	1,055	2,035	
T08-RFQQ-009 (2nd tier)	16800 16th Dr. N.E.	Marysville	Noel	134,400	650	1,200	
T08-RFQQ-009 (2nd tier)	16800 16th Dr. N.E.	Marysville	Qwest	156,679	1,185	1,475	
T02-RFQQ-004 (2nd tier)	625 Keasey St.	Lyle					
T08-RFQQ-009 (2nd tier)	445 Williams Street	Mossyrock					
T08-RFQQ-009 (2nd tier)	2580 Montesano Street S.	Westport					
T08-RFQQ-009 (2nd tier)	294715 Hwy. 101	Quilcene	Qwest	18,109	1,313	1,500	
T02-RFQQ-004 (2nd tier)	2630 So. Hillhurst Road	Ridgefield					
T08-RFQQ-009 (2nd tier)	29000 NE 150th St.	Duval	Qwest	95,500	3,125	4,635	
T08-RFQQ-009 (2nd tier)	29000 NE 150th St.	Duval	Noel	108,800	650	1,400	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Pocket	325,375	850	1,812	
T08-RFQQ-009 (2nd tier)	4008 Cedar Street	Loon Lake	Noel	339,915	650	1,400	
T02-RFQQ-004 (2nd tier)	500 S. 3rd	Cathlamet					
T08-RFQQ-009 (2nd tier)	500 S Third	Cathlamet					
T08-RFQQ-009 (2nd tier)	516 Silverbrook Road	Randle					

Larry Guenther
District No. 1

Merrill J. Ott
District No. 2

Malcolm Friedman
District No. 3



Polly Coleman
Clerk of the Board

Nettie Winders
Assistant Clerk

Stevens County Commissioners

215 South Oak St, Room #214, Colville, WA 99114-2861
Phone: 509-684-3751 Fax: 509-684-8310 TTY: 800-833-6388
Email: commissioners@co.stevens.wa.us

May 24, 2010

Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
Broadband Technologies Opportunity Program
Washington, D.C. 20230

RE: NTIA National Broadband Technology Opportunity Program (BTOP) Application

Dear Mr. Strickling:

We are writing this letter to support the **State of Washington Broadband Consortium, ID #5376** application for the broadband infrastructure improvement portion of the ARRA Stimulus Funding Act.

Northeast Washington Alliance Counseling Services (NEWACS) is a diagnostic and treatment center providing mental healthcare and chemical dependency treatment services for children, adolescents, and adults for residents of Stevens, Ferry and Lincoln counties. In order to provide telemedicine services to their patients, a new internet connection was needed to support the required bandwidth. Since broadband is not available in our area, Stevens County ordered a 3 megabit internet connection (two bonded T1's) from Qwest. The quote we received in April 2010 was \$830 per month for a 36 month contract.

Although the monthly cost of the bonded T1's was high, NEWACS moved forward with the telemedicine project and anticipate being operational within the next few months. Their hope is to offset the cost of the T1's with revenue derived from this new service. If revenues are not realized, NEWACS might be forced to eliminate the telemedicine service.

The NOANET project would eliminate NEWACS expense of their own bonded T1's and utilize the County's broadband connection. This is also true for their offices in Republic.

Sincerely,

Larry Guenther
Chairman
Board of County Commissioners

Friends of Buena Library

P.O. Box 261
Buena, WA 98921

May 22, 2010

Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Ave. NW
Washington, DC 20230

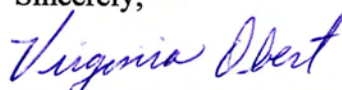
Dear Mr. Strickling,

The community of Buena is an unincorporated village located in a rural, agricultural valley in Yakima County. Friends of Buena Library operates a library with the materials, supplies and staff provided by Yakima Valley Libraries, a county-wide public agency. Our library does not have a reliable broadband connection appropriate for the kinds of current or future needs the children of our the village deserve. We have an advertised 3 mb DSL connection from CenturyLink to serve the entire library and computer lab. This DSL connection is not reliable, nor fast enough, to support our public computer lab or the more modern building we want to build. It is simply not feasible to rely on this DSL connection to provide internet access for our entire library. We are unable to upgrade this connection given the limits of CenturyLink's DSL network in our area.

NoaNet's proposal (EasyGrants 5376) to provide high speed wireless internet access to our location would allow us to meet the broadband needs of our rural community. Funding their proposal would provide our patrons (children and their parents) with the ability to access the resources of the internet and connect them to information that would enhance their educational and employment opportunities. We are currently planning for the growth of our library. Without a reliable broadband solution our access to digital information is restricted. The Buena library is the only means many people in the village have to access external information. A broadband solution will enhance the quantity and quality of information our community can access. We do not want the children and families in our community to fall further behind in this digital age and economy.

Thank you for your support and we hope this proposal is funded.

Sincerely,



Virginia Obert

President, Friends of Buena Library

Q 7&8 5376 NoaNet: CAI Letters, Level of Need

Q 7 Request:

Please provide additional and/or updated letters of interest from your targeted CAIs, having CAIs detail or confirm interest in your specific service offerings or enhanced service offerings enabled by your project, as well as existing market failure in one or more in one or more of the ways described on the left. If you cannot provide confirmation or documentation from CAIs, please provide any other documentation or evidence that supports the claim that current service providers or the current infrastructure are inadequate to serve the needs of the existing market.

Q 8 request:

This is probably redundant with the request for more letter detail, but I would like further documentation on level of need mentioned in the application itself. For example, p.94 mentions Jefferson County made 4 attempts to obtain service and that the details are obtainable by request. I would like to see those. Also, Educational Services District 105 was turned down by the incumbent. I would like details. Also, why Kitsap County has no other providers. On page 95, I would like details on why Bedrock cable can't do it otherwise, why Stevens County cannot access better than T-1, why Tulalip can't access services, and any documentation relating to why construction costs inhibited broadband access in the "comprehensive communities" project.

Answer:

Attached is a series of updated letters from entities across the project areas detailing their specific support for the project and specifics about the service they currently have and why. Also attached is the State history of requests for quote of services in some of these areas showing no response from the vendor community or responses with construction costs of hundred's of thousands of dollars. These special charges are prohibitive for an area like Ferry County which has 5,000 people in the county. The total tax base is not large enough to support special construction charges for each anchor site. Specifically for ESD 105, the attached letter from Buena explains the inability to upgrade the service and the low upstream bandwidth prevents the ability to perform video conferencing.

Q 9 5376 NoaNet: Incumbent Middle Mile Provider Participation

Request:

Did you attempt to engage incumbent providers in the project, or acquire services from existing providers? If not, please explain why not? If so, please describe their responses and provide any available documentation of their responses (emails, meeting notes, etc).

Answer:

This project engaged many different service providers, CenturyLink, Inland Telephone, SawNet, BlackRock Cable, Tulalip Data Services, Qwest Corporation, 360Networks, XO Communications, Verizon Wireless, AT&T, Comcast to name a few. The Washington State Department of Information Services sent a request for participation along with a letter of intent to the service provider community. The DIS received a number of refusals to participate. Many of the refusals were in verbal form. However they did receive a signed letter from CenturyLink, which is attached and they received a signed letter from Qwest Corporation. Ultimately Qwest chose to withdraw from the middle mile grant to pursue a broader last mile grant submitted on Qwest's own behalf for multiple states. Additionally, Verizon Wireless submitted a letter of support for the grant but did not chose to be a participant. CenturyLink was a named contractor for the grant and is expected to be utilized where they have reasonable facilities to prevent overbuilds of any existing facilities. NoaNet worked with the service provider community to try and encourage as many as possible to participate to ensure the maximum use of existing facilities. In the end incumbents like, Inland telephone, did not participate so as not to jeopardize any last mile grant they were considering with RUS. To the extent possible, NoaNet worked with the service provider community to ensure there was no overlap between applications and that the middle mile build proposed would be complimentary to existing infrastructure and would provide increased opportunity to provide broadband to entities that had an identified lack of access to broadband due to cost or availability.

Q 10 5376 NoaNet: Estimated Savings

Request:

Please provide the estimated dollar value that your proposed project would save the State/County government anchor institutions. Please describe in detail in a separate SIR Response document your methodology for deriving that figure, provide any supporting data or documents for your estimations, and detail whether it covers one or more years. Please provide the total amount of savings estimated for years 1-3.

Answer:

Cost savings will occur in two forms through out the period of the grant and beyond. The first direct savings cost is based on the cost of broadband services.

For many of the anchor institutions, broadband service was either not available or not affordable. The proposed project will provide broadband service at 100Mb speed for a nominal cost of \$972 monthly and no non-recurring cost for middle mile service. The following spreadsheet shows the cost saving for entities which are impacted and have issued RFQ for services. The gray areas are places where broadband services were not available and no service provider responded to the RFQ from the State.

Procurement #	Service Address	City	VENDOR	T-1 Cost	NRC	MRC 10 MBPS	MRC 30 MBPS	MRC 100 MBPS	Grant Proposed MRC 100 MBPS	Cost Savings over 3 years
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Century		164,444	645		1,025	972	166,352
T02-RFQQ-004 (2nd tier)	121 Adna School Road	Chehalis	Qwest		165,410	834		1,446	972	182,460
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Sawtooth		34,000	1,055	1,555		972	54,988
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Qwest		94,875	2,906	3,344		972	180,258
T08-RFQQ-009 (2nd tier)	417 Sycamore	Clarkston	Noel		219,750	650	1,400		972	235,158
T02-RFQQ-004 (2nd tier)	214 2nd Street	Asotin		1,200					972	8,208
T08-RFQQ-009 (2nd tier)	46 School House Road	Brinnon	Qwest		317,816	1,313	1,500		972	336,824
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Qwest		11,938	2,101	2,281		972	59,071
T08-RFQQ-009 (2nd tier)	625 NE Fourth Avenue,	Camas	Sawtooth		20,500	1,055	2,035		972	58,768
T08-RFQQ-009 (2nd tier)	91 W. Valley Rd.	Chimacum	Qwest		22,578	1,313	1,500		972	41,586
T02-RFQQ-004 (2nd tier)	847 5th Street	Clarkston		1200					972	8,208
T08-RFQQ-009 (2nd tier)	North 1110 Morton	Colfax		1200					972	8,208
T02-RFQQ-004 (2nd tier)	706 Union St.	Colton		1200					972	8,208
T08-RFQQ-009 (2nd tier)	706 Union St.	Colton		1200					972	8,208

ier)										8,208
T02-RFQQ-004 (2nd ier)	154 Hwy 20 E	Colville		1200					972	8,208
T08-RFQQ-009 (2nd ier)	154 Hwy 20 E	Colville		1200					972	8,208
T08-RFQQ-009 (2nd ier)	19710 State Route 534	Mount Vernon	Qwest		5,000	1,375	2,625		972	64,508
T08-RFQQ-009 (2nd ier)	19710 State Route 534	Mount Vernon	Noel		189,680	650	1,200		972	197,888
T08-RFQQ-009 (2nd ier)	50350 Hwy. 112	Joyce	Qwest		106,250	1,375	1,750		972	134,258
T08-RFQQ-009 (2nd ier)	614 S. 3rd St.	Dayton		1200					972	8,208
T08-RFQQ-009 (2nd ier)	East 1120 D Street	Deer Park	Qwest		44,091	1,938	3,750		972	144,099
T08-RFQQ-009 (2nd ier)	East 1120 D Street	Deer Park	Pocket		321,353	850	1,812		972	351,593
T08-RFQQ-009 (2nd ier)	East 1120 D Street	Deer Park	Noel		339,915	650	1,400		972	355,323
T08-RFQQ-009 (2nd ier)	700 E. Fourth Street,	La Center	Qwest		19,594	2,139	2,325		972	68,302
T08-RFQQ-009 (2nd ier)	700 E. Fourth Street,	La Center	Sawtooth		27,691	1,055	2,035		972	65,959
T08-RFQQ-009 (2nd ier)	16800 16th Dr. N.E.	Marysville	Noel		134,400	650	1,200		972	142,608
T08-RFQQ-009 (2nd ier)	16800 16th Dr. N.E.	Marysville	Qwest		156,679	1,185	1,475		972	174,787
T02-RFQQ-004 (2nd ier)	625 Keasey St.	Lyle		845					972	(4,572)
T08-RFQQ-009 (2nd ier)	445 Williams Street	Mossyrock		950					972	(792)
T08-RFQQ-009 (2nd ier)	2580 Montesano Street S.	Westport		750					972	(7,992)
T08-RFQQ-009 (2nd ier)	294715 Hwy. 101	Quilcene	Qwest		18,109	1,313	1,500		972	37,117
T02-RFQQ-004 (2nd ier)	2630 So. Hillhurst Road	Ridgefield		500					972	(16,992)
T08-RFQQ-009 (2nd ier)	29000 NE 150th St.	Duvall	Qwest		95,500	3,125	4,635		972	227,368
T08-RFQQ-009 (2nd ier)	29000 NE 150th St.	Duvall	Noel		108,800	650	1,400		972	124,208
T08-RFQQ-009 (2nd ier)	4008 Cedar Street	Loon Lake	Qwest		44,091	1,938	3,750		972	144,099
T08-RFQQ-009 (2nd ier)	4008 Cedar Street	Loon Lake	Pocket		325,375	850	1,812		972	355,615
T08-RFQQ-009 (2nd ier)	4008 Cedar Street	Loon Lake	Noel		339,915	650	1,400		972	355,323
T02-RFQQ-004 (2nd ier)	500 S. 3rd	Cathlamet		650					972	(11,592)
T08-RFQQ-009 (2nd ier)	500 S Third	Cathlamet		650					972	(11,592)
T08-RFQQ-009 (2nd ier)	516 Silverbrook Road	Randle		1050					972	2,808

The sites which do not have access to broadband marked in gray have an estimated T-1 cost shown. In the case of Colville, they currently have multiple T-1 lines resulting in more than \$3,600 per month expense for access to state government networks. This expense would be reduced under the proposed project by more than 50%. The result of this reduction is the ability to preserve jobs or increase the number of jobs available in these rural communities. Using the table above the average cost savings on telecommunications, assuming they were to be able to afford the 10Mb and 30Mb services listed or the T-1 listed in the table would be \$106,836 per entity. This is an average price and includes the special construction charges. If we take 60% of the value to reduce the affect of unusually large special construction charges, the value of the 3 year savings per anchor site is \$64,101. If we multiply that number by 285 sites, the total estimated savings would be, \$18,268,956. This number is a bit of a stretch in that the entities don't have broadband because they can't afford the expense. Without help these sites would not have broadband during the 3 years. If we compare the T-1 expenses the savings are much smaller, but how do you compare the savings of the T-1 which is on average \$1,200 per site per year resulting in a 3 year savings of \$342,000 but does not account for multiple T-1s to a facility or the lost opportunity of sharing servers, administration and infrastructure as explained below. However, even the average T-1 cost compared is still a savings with the end result being an increase in available service of 66 times the T-1 capacity offering a cost avoidance for the future as well as a cost saving for today.

The second area of cost savings, specifically mentioned in many of the letters of support from counties is the ability to provide new services. Stevens County can provide Ferry County with a virtual server instance of the local Property tax GIS server. This will result in an annual savings of \$65,000 annually or \$195,000 over the 3 year period. This cost reduction comes from licensing and software maintenance contracts that each county currently has to pay for by hosting its own individual server for this software. The ability of the counties to share the server and licensing allows for them to reduce administration expenses, save on hardware and software maintenance expenses to vendors. These savings allow them to offer new services in the communities rather than pay for duplicate hardware and software. This story can be repeated in Yakima, Columbia, Whatcom and Skagit counties. This is one specific example of an application. There are more of these examples across the state.

Q 11 5376 NoaNet: Level of need other grant Involvement

Request:

You are involved in other Round 2 BTOP applications- please summarize involvement in these as well as any BIP applications. Specifically, with regard to ID#'s 5183, 5601, 1768, 1854, 7158, 5818, 7660, 7693. Also, are you involved with 4168?

Answer:

This BTOP Middle Mile application was designed to work cooperatively with other efforts across the state in multiple programs. Specifically, in addition to other middle mile applications NoaNet is working with Clallam County Public Utility District #1 in support of SMART Grid activities including support of Department of Energy Funding Opportunity No. DE-FOA-0000058. The core broadband extensions included in this broadband grant will enable use of the DOE SMART Grid technology by completing middle mile infrastructure required to fully realize the benefit of the SMART Grid through the Clallam PUD service area. We are also working with Franklin Public Utility District, Energy Northwest, Yakama Power, a wholly owned utility of the Yakama Nation, and Port Angeles City Light to support SMART Grid initiatives under the DOE program. The Consortium is working with the OPSCAN, a multijurisdictional interoperability project sponsored under the Department of Homeland Security grants program for first responder interoperability. This program operates in 10 western Washington counties currently. The broadband middle mile proposed will strengthen this \$15 million dollar federal grant and expand its reach to more rural areas while increasing the reach of broadband to underserved communities.

The Consortium is working closely with Washington State's K-20 Education Network created by legislation in 1996 to provide network and Internet services to 296 school districts, 34 community and technical colleges, 6 baccalaureates and the Washington State Library. The goal is to ensure that all school district buildings and libraries have access to broadband. This collaboration ensures that the current significant K-20 receipt of Federal Communications Commission, Universal Service Fund e-rate program funds are complimented and further maximize the value of the e-rate federal support to schools and libraries through the combination of the grant and the e-rate program. In addition, the WSL has been working with the Gates Foundation to secure \$1.5 million in funding to support the goals of broadband to every library in WA. The Consortium is working with the Association of Washington Public Hospital Districts (AWPHD) to implement the RHC Pilot Program WC Docket No. 02-60 grant through the extension of broadband to rural hospitals furthering the goals of the FCC RHC Pilot Program.

Additionally we worked with grant ID#5212 and 5158 for PCC and SBA projects within the Yakama Valley area to support the area with both broadband connectivity through CCI but also to provide computing facilities and adoption programs for the area. We recognize the importance of not only the broadband infrastructure but the educational opportunities that have to come with it in order to change the current economic reality of this depressed area.

In relation to specific BTOP and BIP middle and last mile applications. The NoaNet application grant #1768 was an award from BTOP round 1. This award is highly integrated and this application fills in gaps where the community was not able to identify

matching funds in time to be included into round 1 application process. This application is a compliment and builds on the award of grant #1768. Likewise grant #1854 is a last mile project awarded in round 1 that is supported by this grant application. The areas do not overlap but do interconnect and allow for higher capacity services to be provided reliably into the grant funded area of round 1. Grant ID #5183 is a BIP last mile grant application by the Yakama Nation. This application worked closely with the Yakama Nation to provide middle service to support the last mile application. The combination of the 2 applications together will enable services to the primarily Native and Hispanic American populations of that economically depressed area. We have 5 primary points of interconnection to allow for a very robust last mile project to be provided which will enable utility, public safety, education and end user service opportunities to be expanded and offered to a historically underserved area and population. The applications have been prepared such that there is no overlapping infrastructure to be built, each grant will meet and specified locations and provide service to each other. Grant ID# 5601 is a middle mile application by XO Communications which goes from Chicago to Seattle. In the state of Washington it will overbuild existing facilities of several carriers. We have referenced the grant but do not have any relationship to the grant. It is a multi-state grant and we did not want to be a hindrance to a grant that may have value to another state. We however have no direct involvement in this grant. The grant ID#7158 is a last mile project supported by this grant application. We have designed the grant to compliment the last mile build out and to provide the strongest possible interconnection arrangements to ensure high capacity services into the last mile proposed service areas. There is no overlap of areas other than interconnection points. Grant ID# 5818 is a last mile BIP grant we have coordinated with to allow for points of interconnection. The grant is a wireless wide area application which is in a very rough terrain area with very high risk. We have no involvement other than agreement to points of interconnect should the grant be awarded. Grant ID# 7660 and 7693 are last mile grants submitted by Inland Telephone. We coordinated with these grant applications to ensure there was no overlap and that the middle mile components would compliment the needs of the last mile build out. We have agreed to interconnect points and scopes to ensure there are no build overlaps.

Grant ID#4168 appears to be a round 1 application in Georgia; we were not involved in this application.

CERTIFICATION REGARDING LOBBYING

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

LOBBYING

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

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

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

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

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

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

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

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

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

NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
Northwest Open Access Network	5376
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Dave Spencer, COO	
SIGNATURE	DATE
<i>Dave Spencer</i>	5/21/10

CERTIFICATION REGARDING LOBBYING

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

LOBBYING

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

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

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-11, "Disclosure Form to Report Lobbying," in accordance with its instructions.

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

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

Statement for Loan Guarantees and Loan Insurance

The undersigned states to the best of his or her knowledge and belief, that

in any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-11, "Disclosure Form to Report Lobbying," in accordance with its instructions.

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

NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
Northwest Open Access Network	5376
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Dave Spencer	
SIGNATURE	DATE
<i>Dave Spencer</i>	5/21/10

BUDGET INFORMATION - Construction Programs

OMB Approval No. 4040-0008
Expiration Date 07/30/2010

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 1,027,242.00	\$ 0.00	\$ 1,027,242.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 2,250,722.00	\$ 0.00	\$ 2,250,722.00
3. Relocation expenses and payments	\$ 0.00	\$ 0.00	\$ 0.00
4. Architectural and engineering fees	\$ 7,506,240.00	\$ 0.00	\$ 7,506,240.00
5. Other architectural and engineering fees	\$ 21,573.00	\$ 0.00	\$ 21,573.00
6. Project inspection fees	\$ 0.00	\$ 0.00	\$ 0.00
7. Site work	\$ 0.00	\$ 0.00	\$ 0.00
8. Demolition and removal	\$ 0.00	\$ 0.00	\$ 0.00
9. Construction	\$ 52,903,256.00	\$ 0.00	\$ 52,903,256.00
10. Equipment	\$ 15,239,344.00	\$ 0.00	\$ 15,239,344.00
11. Miscellaneous	\$ 54,000.00	\$ 0.00	\$ 54,000.00
12. SUBTOTAL (sum of lines 1- 11)	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
13. Contingencies	\$ 0.00	\$ 0.00	\$ 0.00
14. SUBTOTAL	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
15. Project (program) income	\$	\$ 0.00	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter eligible costs from line 16c Multiply X <input type="text" value="63.37"/> % Enter the resulting Federal share.			\$ 55,280,797.00



May 25, 2010

Mr. Lawrence Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW
Washington, DC 20230

Re: State of Washington Broadband Consortium, ID #5376 Application

Dear Mr. Strickling:

Tri County Economic Development District is writing in support of the State of Washington Broadband Consortium application for broadband infrastructure for the fiber optic backbone from Okanogan County to Pend Oreille County in northeastern Washington.

Tri County Economic Development District coordinated efforts to secure letters of support from anchor institutions, businesses, and other organizations for the application. I just reviewed these letters again and would like to share some common themes and observations with you regarding the service needs in northeastern Washington.

1. The entities addressed the sporadic and unreliable nature of the existing service.
 - For example, businesses are concerned about how the service will “time out” before transaction is completed because of the speed and that often times the files are too large to send or receive.
2. The entities have not articulated details around their service, because they “take what they can get” for a price they can “stomach.”
 - Smaller organizations and businesses rely on DSL, cable and wireless services for access because it is available and the only choice in most areas of the region.
 - Broadband service is mostly used by the larger organizations such as Stevens County, School Districts, Hospitals, and the Community College through participation in a network or shared arrangement for broadband service. Very few organizations or businesses have stand alone broadband service because it is cost prohibitive to obtain, where and when it is available.

BUSINESS & FINANCE ASSISTANCE

- For example, the Tri County Economic Development District just relocated our offices and considered upgrading our technology. We currently pay approximately \$60.00 per month for a 7 mg DSL service. The quoted price for a T 1 line in the new facility was \$450.00 per month for service.
 - Another example of how the lack of broadband technology impacts this area is some recent work with Eastern Washington University on a Community Indicators project. This project is a website that contains all the indicator data in a user friendly format. During the course of the development of the website, it became apparent that in order for the website to function properly a provision needed to be made for the website to accommodate dial-up service so users in the outlying areas could access the website and data.
3. The entities view high speed connectivity provided by broadband infrastructure as a necessary requirement to do business in the 21st century.
- City and County governments increasingly rely on connectivity to perform daily activities such as providing e-government services, communicating and sharing information with other government agencies at all levels.
 - Businesses now rely on connectivity for their invoicing, banking, and other basic business activities. Connectivity is essential for those businesses that rely on the World Wide Web to conduct business in global markets.
4. The entities view broadband infrastructure as critical to the future economic success of the region. Thousands of dollars have been spent to study, plan and understand the technology needs of the region in the past ten or so years. Sadly the conclusions remain much the same.
- The geographic distance and geography of the region make it difficult for service providers to justify a business model to cover the costs of installing the backbone infrastructure.
 - Sparse population makes it difficult to aggregate the demand for service which in turn is a challenge to the business model of service providers who need to show a return on investment.
 - Significant financial investment in technology infrastructure is needed and without this investment the region will continue to struggle with economic competitiveness and growth.

Tri County Economic Development District and the many partners and supporters of the eastern Washington Broadband Infrastructure application urge your support of the application to provide a fiber optic backbone for northeastern Washington.

Sincerely,

Leslie Jones

Leslie Jones
Executive Director

BUSINESS & FINANCE ASSISTANCE



FERRY COUNTY PUBLIC HOSPITAL DISTRICT #1

dba	Ferry County Memorial Hospital	(509) 775-3333	fax 775-3866
	Republic Medical Clinic	(509) 775-3153	fax 775-8929
	Curlew Medical Clinic	(509) 779-4049	fax 779-4004
	Physical Rehab Therapy	(509) 775-8400	fax 775-8401
	Klondike Hills Assisted Living	(509) 775-8228	fax 775-8402

"Count on Us to Care"

March 8, 2010

Mr. Lawrence Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Ave. NW
Washington, DC 20230

Re: Broadband Telecommunications Infrastructure for N.E. Washington State
NoaNet application, BTOP)

Dear Mr. Strickling:

Ferry County Public Hospital District #1 supports the Northwest Open Access Network (NoaNet) application for broadband funding for Pend Oreille, Stevens and Ferry counties. The limitation of our current bandwidth infrastructure makes it difficult to unite rural primary care to urban specialist care. This program will be effective at combining existing access and technologies with appropriate broadband infrastructure to connect our healthcare providers in this currently underserved rural N.E. region of Washington State and enable us to call upon medical service specialty providers in the urban areas of the state, country, or world.

Broadband infrastructure is critical to the success and viability of Ferry County from a medical and economic perspective. High speed telecommunications has become a necessity for medical, academic, government and public safety services, and businesses to operate. The limitation of our current infrastructure makes it difficult to be successful. A few of our businesses and residents are still on dial-up which is obsolete; many do (as we) have access to limited bandwidth however it is slow and unreliable. The hospitals current up-load/down-load is 1.2 Mb. 98.2 Mb less than optimal.

Medical services cannot up-load or down-load critical medical data and imaging information with essential consistency and speed. When the bandwidth system is down, it is down (no redundancy) and there is no way to send life saving information anywhere it may be needed in a timely manner. Redundancy increases stability and availability for networks and internet resources.

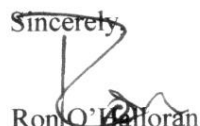
NoaNet is proposing to run fiber east/west from Pend Oreille County, Stevens County, through Ferry County to Okanogan County and its broadband infrastructure. This project will create community distribution loops to anchor institutions like our hospital and clinics, the school and libraries. These distribution loops will then be in a position to provide technology providers with the opportunity to expand services to organizations, businesses and services.

Ferry County Public Hospital District supports the availability of this viable, robust infrastructure service in our county. The bandwidth communications to be provided by this project will enable us to:

- Digitize existing medical records
- Network resources required for telemedicine
- Provide virtual access to healthcare specialists unavailable in local area
- Transfer and exchange information between healthcare facilities
- Provide access to online health education programs
- Enhance the utilization of existing technologies

Ferry County Public Hospital District #1 endorses this project and would be open to assisting NoaNet seek additional financing for IT infrastructure for our county.

Sincerely,


Ron O'Malloran
Administrator

cc:

Ms Julie Abernethy
Ferry County Economic Development Specialist
Tri-County Economic Development
90 N Clark Ave.
Republic, WA 99166



NCRL

North Central Regional Library

March 9, 2010

Lawrence Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Ave. NW
Washington, DC 20230

Dear Assistant Secretary Strickling,

I am writing on behalf of Northwest Open Access Network's (NoaNet) application to the NTIA National Broadband Technology Opportunity Program (BTOP). The North Central Regional Library supports their proposed efforts to build core broadband capabilities in Ferry, Okanogan, Pend Oreille, and Stevens Counties.

The North Central Regional Library (NCRL) is an inter-county rural library district providing public library services to 241,500 persons (2008 population estimate) in Chelan, Douglas, Ferry, Grant, and Okanogan Counties. This rural and agricultural 14,947 square-mile library district is only slightly smaller than the combined area of Massachusetts (10,555 square miles) and Connecticut (5,543 square miles) and comprises $\frac{1}{4}$ of Washington State's land surface area.

The Republic Library, a member of the North Central Regional Library, is located in Ferry County and will serve as an anchor institution for this project. The core broadband infrastructure established by this project will benefit the Republic library by providing stable, high speed internet access. We rely on the internet to operate our integrated library system (ILS). Internet access at the Republic Library is slow, sporadic, unstable, and does not adequately support our integrated library system (ILS). When the internet is working, at times it can take 3-5 minutes to scan a book for checkout, with the result that our ILS is ineffective. Many residents of Ferry County depend on the Republic Library for free access to the internet. The internet is frequently unavailable, making our ILS useless and eliminating free internet access for the public. Our current internet service does not allow us to implement programs that attract teens to libraries, including computer gaming. Some valuable internet applications, including video conferencing and distance learning are unavailable with our current internet access. NoaNet's proposal eliminates the problems created by insufficient bandwidth and supports new library programs and services.

We applaud NoaNet's leadership in seeking creative partnerships to better serve the needs of North Central Washington communities. We look forward to being part of this important project.

Sincerely,

Dan Howard
Director of Public Services

BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institutions provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest (passive, non-environmentally controlled points of interconnection, cell towers, etc. points, may be excluded), collocation facilities, central offices, head ends, and other central facilities, network access points to last mile service providers, Internet peering points, etc. For each point of interest you may provide either a street address or geocoordinates (lat/long). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. The "Interconnection Available at the Facility" field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and can be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF or other format for upload. Additionally, applicants should not modify the format of this file.

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BTOP CCI Community Anchor Institutions Detail Template

Title: **State of Washington Broadband Consortium**
 Easy Grants ID: **5376**

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
HQ		191 Otto St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Grays Harbor - Ilwaco Learning Center		118 Lake St SE	Ilwaco	WA	98624	Community College		Community Anchor Institution
Peninsula - Port Hadlock		201 W. Patison St.	Port Hadlock	WA	98339	Community College		Community Anchor Institution
Peninsula - Port Townsend		701 Water Street	Port Townsend	WA	98368	Community College		Community Anchor Institution
Buena Headstart		801 Buena Road	Buena	WA	98921	Other Community Support Organization		Community Anchor Institution
Chimicum Creek Primary		313 Ness Corner Road	Port Hadlock	WA	98339	Other Community Support Organization		Community Anchor Institution
NorthWest Maritime Center		431 Water Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Tieton Headstart		807 S.Tieton Ave.	Tieton	WA	98947	Other Community Support Organization		Community Anchor Institution
Toppenish Headstart		403 South Juniper Street	Toppenish	WA	98948	Other Community Support Organization		Community Anchor Institution
Wapato Headstart		1240 Campbell Road	Wapato	WA	98951	Other Community Support Organization		Community Anchor Institution
White Swan Head Start		61 Rodeo Drive	White Swan	WA	98952	Other Community Support Organization		Community Anchor Institution
Fairgrounds Govt center		172 S Wynn	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Landfill		3501 W 18th	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Corp Yard - City Light		1703 S B St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
WWTP		1509 Columbia	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
E street		1022 S E St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Senior Cntr		328 E 7th St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
William Shore Pool		1901 W 4th St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Parks Mntc		3127 W 18th St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Cemetery Chapel		2700 S Milwaukee Dr.	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Marine Terminal		2007 S O St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
P.A.H.S.		304 E Park Ave	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
Scrivner PS		300 E Scrivner	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
CSO P.S. 1		5th St & N St	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
Wolverton Park		825 W 11th St	Port Angeles	WA	98362	Public Housing		Community Anchor Institution
N Olympic Youth Cntr		201 W 1st St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Key City Playhouse		1128 Lawrence Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Pope Marine Building		100 Madison Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
City Pink House		1256 Lawrence Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
City Shop		1818 Beech Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Courthouse		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Mountain View Commons		1919 Blaine Street	Port Townsend	WA	98368	Public Housing		Community Anchor Institution
City Hall		250 Madison St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Waste Water Plant Office		5210 Kuhn Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
City Waste Water Plant		5300 Kuhn Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Castlehill DCD		623 Sheridan St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Castlehill Public Works		623 Sheridan St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
City Compost Facility		630 County Landfill Road	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Northeast Tri-County Health District		240 E Dominion Ave	Colville	WA	99114	Medical or Healthcare Provider		Community Anchor Institution
Mount Carmel Hospital			Colville	WA	99114	Medical or Healthcare Provider		Community Anchor Institution
Port Hadlock Medical Care		121 Oak Rd Bay Rd	Port Hadlock	WA	98339	Medical or Healthcare Provider		Community Anchor Institution
Castlehill Public Health		623 Sheridan St	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Castlehill Environmental Health		623 Sheridan St	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Downtown Clinic		1136 Water Street	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Home Health and Hospice		2500 West Sims Way	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Main Campus		834 Sheridan	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Medical Offices		915 Sheridan	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
South County Clinic		294843 U.S. 101	Quilcene	WA	98376	Medical or Healthcare Provider		Community Anchor Institution
Bainbridge Municipal		10255 NE Valley Rd	Bainbridge	WA	98110	Other Government Facility		Community Anchor Institution
Kittitas District		700 E 1st St	Cle Elum	WA	98922	Other Government Facility		Community Anchor Institution
Northwest Justice Project		132 W 1st AvE	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens County Prosecutor		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens District		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens Juvenile		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens Superior		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens County Clerk		215 S Oak St, Rm 206	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Cosmopolis Municipal		1101 1st St	Cosmopolis	WA	98537	Other Government Facility		Community Anchor Institution
Kalispel Tribal Court		22 Camas Flat Rd	Cusick	WA	99119	Other Government Facility		Community Anchor Institution
George Municipal		102 Richmond Ave	George	WA	98848	Other Government Facility		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Evergreen District		14414 179th Ave SE	Monroe	WA	98272	Other Government Facility		Community Anchor Institution
Pend Oreille County Clerk		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille CLL		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille County Prosecutor		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille District		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille Juvenile		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille Superior		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Orting Municipal		401 Washington Ave SE	Orting	WA	98360	Other Government Facility		Community Anchor Institution
Jefferson County Clerk		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson CLL		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson County Prosecutor		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson District		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson Juvenile		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson Superior		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Ferry County Prosecutor		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry District		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry Juvenile		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry Superior		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry County Clerk		350 E Delaware Ave #4	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Sedro Woolley Municipal		325 Metcafe St	Sedro Woolley	WA	98284	Other Government Facility		Community Anchor Institution
Six Rivers Community Mediation Services		1113 Kelly Ave	The Dalles	OR	97058	Other Government Facility		Community Anchor Institution
Tulalip Tribal Court		6103 31st Ave NE	Tulalip	WA	98271	Other Government Facility		Community Anchor Institution
Tulalip Tribal Police Department		6103 31st Ave NE	Tulalip	WA	98271	Public Safety Entity		Community Anchor Institution
Kalispel Legal Department Office		1981 N LeClerc Rd	Usk	WA	99180	Other Government Facility		Community Anchor Institution
Kalispel Public Safety Department		3292 N LeClerc Rd	Usk	WA	99180	Public Safety Entity		Community Anchor Institution
Wapato Municipal		205 S Simcoe Ave	Wapato	WA	98951	Other Government Facility		Community Anchor Institution
Westport Municipal		506 North Montesano St	Westport	WA	98595	Other Government Facility		Community Anchor Institution
Zillah Municipal		111 7th St	Zillah	WA	98953	Other Government Facility		Community Anchor Institution
Zillah Library		109 7th St	Zillah	WA	98953	Library		
Grays Harbor Juvenile Detention		103 Hagara	Aberdeen	WA	98520	Other Government Facility		Community Anchor Institution
Almira Elementary School		310 S. 3rd St.	Almira	WA	99103	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Columbia Crest Elementary School		24503 State Route 706 E	Ashford	WA	98304	School (k-12)		Community Anchor Institution
Basin City Elementary		303 Bailie Blvd.	Basin City	WA	99343	School (k-12)		Community Anchor Institution
Esquire Hills Elementary School		2650 NE Carlson Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Jackson Park Elementary School		2900 Austin Dr Bremerton	Bremerton	WA	98312	School (k-12)		Community Anchor Institution
Cottonwood Elementary School		330 Foster Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Green Mountain Elementary School		3860 Boundary Trail NW Bremerton	Bremerton	WA	98312	School (k-12)		Community Anchor Institution
Pinecrest Elementary School		5530 Pine Rd NE Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Tracyton Elementary		5550 Tracyton Blvd, Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Woodlands Elementary School		7420 Central Valley Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Brinnon School		46 Schoolhouse Road	Brinnon	WA	98320	School (k-12)		Community Anchor Institution
Centerville Elementary		2315 Centerville Hwy	Centerville		98613	School (k-12)		Community Anchor Institution
Gess Elementary		E 405 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Jenkins Senior High		E. 702 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Home Link Alternative		W 106 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Jenkins Middle School		W. 106 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Chimacum High School		91 West Valley Rd	Chimacum	WA	98325	School (k-12)		Community Anchor Institution
Clallam Bay High & Elementary		16933 Hwy 112	Clallam Bay	WA	98326	School (k-12)		Community Anchor Institution
Cle Elum-Roslyn High School		2692 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Walter Strome Middle School		2694 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Cle Elum-Roslyn Elementary		2696 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Fort Colville Elementary		1212 E Ivy Ave	Colville	WA	99114	School (k-12)		Community Anchor Institution
Colville Senior High School		154 Highway 20 E	Colville	WA	99114	School (k-12)		Community Anchor Institution
Columbia Virtual Academy - colville		217 South Hofstetter Street	Colville	WA	99114	School (k-12)		Community Anchor Institution
Aster Elementary		225 Hofstetter St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Hofstetter Elementary		640 N Hofstetter St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Colville Junior High School		990 S Cedar St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Cosmopolis Elementary School		1439 Fourth Street	Cosmopolis	WA	98537	School (k-12)		Community Anchor Institution
Marcus Whitman-Cowiche Elementary		1181 Thompson Rd	Cowiche	WA	98923	School (k-12)		Community Anchor Institution
Highland JH / HS		17000 Summitview Rd	Cowiche	WA	98923	School (k-12)		Community Anchor Institution
Boistfort Elementary		983 Boistfort Road	Curtis	WA	98538	School (k-12)		Community Anchor Institution
Bess Herian Elementary		305 Monumental Way	Cusick	WA	99119	School (k-12)		Community Anchor Institution
Cusick Jr Sr High School		305 Monumental Way	Cusick	WA	99119	School (k-12)		Community Anchor Institution
Harrah Elementary School		3861 Harrah Rd.	Harrah	WA	98933	School (k-12)		Community Anchor Institution
Columbia High and Elementary		4961b Hunters Shop rd	Hunters	WA	99137	School (k-12)		Community Anchor Institution
Selkirk Jr-Sr High		10372 Highway 31	Ione	WA	99139	School (k-12)		Community Anchor Institution
Kettle Falls Elementary School		E 225 8th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls Homelink		W 105 11th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls Middle School		W 105 11th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls High School		1275 Juniper St	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Mt. Pilchuck Elementary School		12806 20th ST NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Cavelero Mid High School		2908 113th Ave NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Lake Stevens Sr High School		2908 113th Ave NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Highland Elementary		3220 113th Avenue NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Sunnycrest Elementary School		3411 99th Ave. N.E	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Lind Elementary School		206 W 3rd St	Lind	WA	99341	School (k-12)		Community Anchor Institution
Lind Jr Sr High		N 507 E Street	Lind	WA	99341	School (k-12)		Community Anchor Institution
Lyle Middle/High School		625 Keasey Avenue	Lyle	WA	98635	School (k-12)		Community Anchor Institution
Mabton District Office		306 N. Main St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Mabton Middle School		450 North St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Vocational Building		552 N. Main St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Artz-Fox Elementary		805 Washington	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Kendall Elementary		7547 Kendall Road, Maple Falls, WA 98266	Maple Falls	WA	98266	School (k-12)		Community Anchor Institution
Selkirk Elementary		219 Park Avenue	Metaline Falls	WA	99153	School (k-12)		Community Anchor Institution
Stratton Elementary		1201 West 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Newport Alternative High School		1302 W 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Newport High School		1400 W 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Sadie Halstead Middle School		331 S Calispel Ave.	Newport	WA	99156	School (k-12)		Community Anchor Institution
Paterson Elementary School		51409 W. Prior Rd.	Paterson	WA	99345	School (k-12)		Community Anchor Institution
Port Townsend High School		1500 Van Ness St	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Grant Street Elementary		1637 Grant St	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Mountain View Elementary		1919 Blaine Street	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Blue Heron Middle School		3939 San Juan Av	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Port Townsend School District		450 Fir St Lincoln Bldg	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Republic Elementary School		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Republic Junior High		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Republic Senior HS/Parent Partner		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Ritzville High School		209 E Wellsandt Avenue	Ritzville	WA	99169	School (k-12)		Community Anchor Institution
H. E. A. R. T. High School		10140 Highway 12 SW	Rochester	WA	98579	School (k-12)		Community Anchor Institution
Rochester Middle School		9937 Highway 12 SW	Rochester	WA	98579	School (k-12)		Community Anchor Institution
Samish Elementary School		23953 Prairie Rd	Sedro Woolley	WA	98284	School (k-12)		Community Anchor Institution
Job Corps		24852 Hub Drive	Sedro Woolley	WA	98284	Other Government Facility		Community Anchor Institution
West Side Alternative High School		10120 Frontier Place NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Special Services/Food Services		10126 Frontier PI Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Central Kitsap Junior High School		10130 Frontier Place NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
New Frontier Junior High		10150 Frontier PI Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Transportation Facility		10170 Frontier PI Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
"Lighthouse" Classroom Facility		10332 Frontier PI Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Ridgetop Junior High School*		10600 Hillsboro Dr NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Silver Ridge Elementary School*		10622 Hillsboro Dr NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Emerald Heights Elementary School		1260 NW Pinnacle Ct Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Cougar Valley Elementary School		13200 Olympic View Dr Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Central Kitsap High School		3700 Anderson Hill Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Science Kit Warehouse		3790 Anderson Hill Rd Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Clear Creek Elementary School		3999 NWSunde Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Klahowya Secondary School		7607 Newberry Hill Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Silverdale Elementary School		9100 Dickey Rd NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Facilities and Maintenance Building		9102 Dickey Rd NW Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
JW/Administration Building		9210 Silvderale Way Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Seabeck Property		Larson Lane	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Parent Partner Program		500 N 1st	Springdale	WA	99173	Other Government Facility		Community Anchor Institution
Mary Walker High School/Alternative HS		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Springdale Academy		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Springdale Elementary		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Starbuck School		717 TUCANNON ST	STARBUCK	WA	99359	School (k-12)		Community Anchor Institution
Tieton Intermediate School		711 Franklin Rd.	Tieton	WA	98947	School (k-12)		Community Anchor Institution
Trout Lake School		2310 Hwy 141	Trout Lake	WA	98650	School (k-12)		Community Anchor Institution
Mount Pleasant Elementary School		152 Marble Rd.	Washougal	WA	98671	School (k-12)		Community Anchor Institution
Wellpinit Alliance High School		6231 OLD SCHOOL RD	WELLPINIT	WA	99040	School (k-12)		Community Anchor Institution
Wellpinit Elem/HS		6232 OLD SCHOOL RD	Wellpinit	WA	99040	School (k-12)		Community Anchor Institution
Wellpinit Middle School		6233 OLD SCHOOL RD	Wellpinit	WA	99040	School (k-12)		Community Anchor Institution
Ocosta Junior - Senior High		2580 Montesano Street South	Westport	WA	98595	School (k-12)		Community Anchor Institution
Wishram High And Elementary Schl		135 Bunn Street	Wishram	WA	98673	School (k-12)		Community Anchor Institution
Ashford		30205 SR 706	Ashford	WA	98304	Library		Community Anchor Institution
Burbank Heights Library		875 Lake Road	Burbank	WA	99323	Library		Community Anchor Institution
Chewelah Public Library		307 East Clay Ave	Chewelah	WA	99109	Library		Community Anchor Institution
Clallam Bay Branch Library		16990 Hwy 112	Clallam Bay	WA	98326	Library		Community Anchor Institution
Colville Public Library		195 South Oak	Colville	WA	99114	Library		Community Anchor Institution
Elbe		54011 - 180th St. Court E.	Elbe	WA	98330	Library		Community Anchor Institution
Ellensburg Public Library		209 North Ruby Street	Ellensburg	WA	98926	Library		Community Anchor Institution
Hoodsport Timberland Library		N. 40 Schoolhouse Hill Rd.	Hoodsport	WA	98548	Library		Community Anchor Institution
Hunters Public Library		5014 Columbia River Rd., Bldg. #11	Hunters	WA	99137	Library		Community Anchor Institution
Ione Public Library		210 Blackwell, Suite 1	Ione	WA	99139	Library		Community Anchor Institution
Lake Stevens Library		1804 Main St.	Lake Stevens	WA	98258	Library		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Metalines Community Library		302 Park St	Metaline Falls	WA	99153	Library		Community Anchor Institution
Newport Public Library		116 S Washington Avenue	Newport	WA	99156	Library		Community Anchor Institution
Packwood Timberland Library		109 W. Main St.	Packwood	WA	98361	Library		Community Anchor Institution
Port Townsend Public Library		1220 Lawrence Street	Port Townsend	WA	98368	Library		Community Anchor Institution
Sedro-Woolley Public Library		802 Ball Avenue	Sedro-Woolley	WA	98284	Library		Community Anchor Institution
Spokane Valley Library		12004 E. Main Avenue	Spokane Valley	WA	99206	Library		Community Anchor Institution
Springdale Library Station (new branch library)		204 N. 2nd St.	Springdale	WA	99173	Library		Community Anchor Institution
Yakama Tribal Library		100 Spilyay Loop	Toppenish	WA	98948	Library		Community Anchor Institution
Service Center		37 Jade Ave.	Walla Walla	WA	99362	Library		Community Anchor Institution
Westport Timberland Library		101 E Harms Ave	Westport	WA	98595	Library		Community Anchor Institution
Buena Library		813 Buena Road	Zillah	WA	98953	Library		Community Anchor Institution
Fay Bainbridge		15446 Sunrise Dr NE	Bainbridge	WA	98110	Other Community Support Organization		Community Anchor Institution
Maryhill		50 Hwy 97	Goldendale	WA	98620	Other Community Support Organization		Community Anchor Institution
Fort Flagler		10541 Flagler Rd	Nordland	WA	98358	Other Community Support Organization		Community Anchor Institution
Old Fort Townsend		1370 Old Fort Townsend Rd	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Fort Worden		200 Battery Way	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Marine Science Center		532 Battery Way	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Kitsap Memorial		202 NE Park St	Poulsbo	WA	98370	Other Community Support Organization		Community Anchor Institution
Scenic Beach		9565 Scenic Beach Rd NW	Seabeck	WA	98380	Other Community Support Organization		Community Anchor Institution
Columbia Plateau Trail Central		100 SW Main	Washtucna	WA	98673	Other Community Support Organization		Community Anchor Institution
Twin Harbors		3120 State Route 105 South	Westport	WA	98595	Other Community Support Organization		Community Anchor Institution
Brinnon Fire		272 Schoolhouse Road	Brinnon	WA	98320	Public Safety Entity		Community Anchor Institution
Chimacum Fire		9193 Rhody Drive	Chimacum	WA	98325	Public Safety Entity		Community Anchor Institution
College Place FireDept.		629 South College Avenue	College place	WA	99324	Public Safety Entity		Community Anchor Institution
Stevens County Communications		270 E Birch Avenue	Colville	WA	99114	Public Safety Entity		Community Anchor Institution
Regional Dispatch Center		1103 Hunley Rd	Naval Base Kitsap	WA	98315	Public Safety Entity		Community Anchor Institution
Pend Oreille Sheriff's Office		331 South Garden Avenue	Newport	WA	99156	Public Safety Entity		Community Anchor Institution
Capital Communications (CAPCOM)		2703 Pacific Avenue SE	Olympia	WA	98501	Public Safety Entity		Community Anchor Institution
City Hall - Court House-Sheriff		321 E Fifth St	Port Angeles	WA	98362	Public Safety Entity		Community Anchor Institution
PA Fire Station		102 E 5th St	Port Angeles	WA	98362	Public Safety Entity		Community Anchor Institution
Sheriff's Office (JCSO)		79 Elkins Road	Port Hadlock	WA	98339	Public Safety Entity		Community Anchor Institution
East Jefferson Fire		706 Harrison	Port Townsend	WA	98368	Public Safety Entity		Community Anchor Institution
City Police		1919 Blaine Street	Port Townsend	WA	98368	Public Safety Entity		Community Anchor Institution
Ferry County E-911		175 N Jefferson	Republic	WA	99166	Public Safety Entity		Community Anchor Institution
City of Snohomish - City Police Department		230 Maple Ave, Snohomish, WA 98290	Snohomish	WA	98926	Public Safety Entity		Community Anchor Institution
E9-1-1 Emergency Communications		1620 N Rebecca Street	Spokane		99202	Public Safety Entity		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Yakama Power		111 Fort Road	Toppenish	WA	98948	Other Community Support Organization		Community Anchor Institution
Indianola Community Center		9200 Northeast Shore Drive	Indianola	WA	98342	Other Community Support Organization		Community Anchor Institution
Olalla Community Center		12970 Olalla Valley Rd, Olalla	Olalla	WA	98359	Other Community Support Organization		Community Anchor Institution
IEL - Republic		970 S. Clark St.	Republic	WA	99166	Community College		Community Anchor Institution
Clark College		18700 SE Mill Plain Blvd.	Washougal	WA	98672	Community College		Community Anchor Institution
Boat Haven		2601 Washington Stree	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Point Hudson		375 Hudson Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Stevens CLL		215 S Oak St, Courthouse Annex	Colville	WA	99114	Other Government Facility		Community Anchor Institution
East Whatcom Regional Resource Center		7547 Kendall Road (just placeholder)	Maple Falls	WA	98266	Other Government Facility		Community Anchor Institution
Quilcene School		294715 Hwy 101	Quilcene	WA	98376	School (k-12)		Community Anchor Institution
Amanda Park Timberland Library		6118 U.S. Highway 101	Amanda Park	WA	98526	Library		Community Anchor Institution
Bainbridge Island Library		1270 Madison N.	Bainbridge Island	WA	98110	Library		Community Anchor Institution
Bainbridge Island Library		1271 Madison N.	Bainbridge Island	WA	98110	Library		Community Anchor Institution
Basin City Library		50-A N. Canal Blvd.	Basin City	WA	99343	Library		Community Anchor Institution
Benton City Library		810 Horne Road	Benton City	WA	99320	Library		Community Anchor Institution
Camas Public Library		625 NE Fourth Ave.	Camas	WA	98607	Library		Community Anchor Institution
Kalispel Valley Library		107 1st Ave	Cusick	WA	99119	Library		Community Anchor Institution
Harrah Library		21 East Pioneer Street	Harrah	WA	98933	Library		Community Anchor Institution
Kettle Falls Public Library		605 Meyers St	Kettle Falls	WA	99141	Library		Community Anchor Institution
Little Boston Library		31980 Little Boston Rd. NE	Kingston	WA	98346	Library		Community Anchor Institution
Kitsap Regional Library - Manchester		8067 Main St. Manchester	Manchester	WA	98353	Library		Community Anchor Institution
Monroe Library		1070 Village Way	Monroe	WA	98272	Library		Community Anchor Institution
Lakeside Community Library		6176 Hwy 291	Nine Mile Falls	WA	99026	Library		Community Anchor Institution
Tribal Library		2851 Lower Elwha Rd	Port Angeles	WA	98363	Library		Community Anchor Institution
Jefferson County Rural Library		620 Cedar Avenue	Port Hadlock	WA	98339	Library		Community Anchor Institution
Tieton Library		418 Maple Street	Tieton	WA	98947	Library		Community Anchor Institution
Toppenish Library		3240 Fort Road	Toppenish	WA	98948	Library		Community Anchor Institution
Touchet Community Library		161 Hanson Road	Touchet	WA	99360	Library		Community Anchor Institution
Wapato Library		119 East 3rd Street,	Wapato	WA	98951	Library		Community Anchor Institution
West Richland Library		3803 W. Van Giesen	West Richland	WA	99353	Library		Community Anchor Institution
White Swan Library		391 1st Street,	White Swan	WA	98952	Library		Community Anchor Institution
Stillaguamish Tribal Center		3310 Smokey Point Dr., Arlington WA	Arlington	WA	98223	Other Community Support Organization		Community Anchor Institution
Nooksack Tribal Office		5016 Mt Baker Hwyq., Deming WA	Deming	WA	98244	Other Community Support Organization		Community Anchor Institution
Skagit Tribal Center		25959 Community Plaza Way, Sedro Woolley WA	Sedro-Woolley	WA	98284	Other Community Support Organization		Community Anchor Institution
Tulalip Data Services		8732 27th Ave NE, Tulalip, WA 98271	Tulalip	WA	98271	Other Community Support Organization		Community Anchor Institution
SKFR Station		8696 Olalla Valley Rd	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
SKFR Station		5770 SE Nelson Rd	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
SKFR Station		4058 State Highway 3	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
CKFR Administration Building		5300 NW Newberry Hill Road-Suite 101	Silverdale	wa	98383	Public Safety Entity		Community Anchor Institution
Station 41 - Meadowdale		7600 Old Military Road NE	Bremerton	wa	98311	Public Safety Entity		Community Anchor Institution

BTOP CCI Network Points of Interest Detail Template

Title: State of Washington Broadband Consortium
 Easy Grants ID: 5376

Facility Type	Address Line 1	City	State	Zip	Longitude	Latitude	Interconnection Available at this Location	Status in Proposed Network
Point of Interconnection	9200 Northeast Shore Drive	Indianola	WA	98342			Yes	New for Proposed Network
Point of Interconnection	12970 Olalla Valley Rd, Olalla	Olalla	WA	98359			Yes	New for Proposed Network
Point of Interconnection	970 S. Clark St.	Republic	WA	99166			Yes	New for Proposed Network
Point of Interconnection	18700 SE Mill Plain Blvd.	Washougal	WA	98672			Yes	New for Proposed Network
Last Mile Network Access Point	2601 Washington Stree	Port Townsend	WA	98368			Yes	New for Proposed Network
Last Mile Network Access Point	375 Hudson Street	Port Townsend	WA	98368			Yes	New for Proposed Network
Point of Interconnection	215 S Oak St, Courthouse Annex	Colville	WA	99114			Yes	New for Proposed Network
Last Mile Network Access Point	7547 Kendall Road (just placeholder)	Maple Falls	WA	98266			Yes	New for Proposed Network
Last Mile Network Access Point	294715 Hwy 101	Quilcene	WA	98376			Yes	New for Proposed Network
Point of Interconnection	6118 U.S. Highway 101	Amanda Park	WA	98526			Yes	New for Proposed Network
Point of Interconnection	1270 Madison N.	Bainbridge Island	WA	98110			Yes	New for Proposed Network
Point of Interconnection	1271 Madison N.	Bainbridge Island	WA	98110			Yes	New for Proposed Network
Point of Interconnection	50-A N. Canal Blvd.	Basin City	WA	99343			Yes	New for Proposed Network
Point of Interconnection	810 Horne Road	Benton City	WA	99320			Yes	New for Proposed Network
Point of Interconnection	625 NE Fourth Ave.	Camas	WA	98607			Yes	New for Proposed Network
Point of Interconnection	107 1st Ave	Cusick	WA	99119			Yes	New for Proposed Network
Point of Interconnection	21 East Pioneer Street	Harrah	WA	98933			Yes	New for Proposed Network
Point of Interconnection	605 Meyers St	Kettle Falls	WA	99141			Yes	New for Proposed Network
Point of Interconnection	31980 Little Boston Rd. NE	Kingston	WA	98346			Yes	New for Proposed Network
Point of Interconnection	8067 Main St. Manchester	Manchester	WA	98353			Yes	New for Proposed Network
Point of Interconnection	1070 Village Way	Monroe	WA	98272			Yes	New for Proposed Network
Point of Interconnection	6176 Hwy 291	Nine Mile Falls	WA	99026			Yes	New for Proposed Network
Last Mile Network Access Point	2851 Lower Elwha Rd	Port Angeles	WA	98363			Yes	New for Proposed Network
Last Mile Network Access Point	620 Cedar Avenue	Port Hadlock	WA	98339			Yes	New for Proposed Network
Point of Interconnection	418 Maple Street	Tieton	WA	98947			Yes	New for Proposed Network
Point of Interconnection	3240 Fort Road	Toppenish	WA	98948			Yes	New for Proposed Network
Point of Interconnection	161 Hanson Road	Touchet	WA	99360			Yes	New for Proposed Network
Point of Interconnection	119 East 3rd Street,	Wapato	WA	98951			Yes	New for Proposed Network
Point of Interconnection	3803 W. Van Giesen	West Richland	WA	99353			Yes	New for Proposed Network
Point of Interconnection	391 1st Street,	White Swan	WA	98952			Yes	New for Proposed Network
Last Mile Network Access Point	3310 Smokey Point Dr., Arlington	Arlington	WA	98223			Yes	New for Proposed Network
Last Mile Network Access Point	5016 Mt Baker Hwy., Deming WA	Deming	WA	98244			Yes	New for Proposed Network
Point of Interconnection	25959 Community Plaza Way, Sedro	Sedro-Woolley	WA	98284			Yes	New for Proposed Network
Collocation Facility	8732 27th Ave NE, Tulalip, WA 982	Tulalip	WA	98271			Yes	New for Proposed Network
Point of Interconnection	G2 Haven Heights Drive	Sequim	WA	98382			Yes	Existing - Applicant/Partner Owned
Connection to Service Provider	921 SW Washington St	Portland	OR	97205			Yes	Existing - Applicant/Partner Owned



March 22, 2010

Tony Tortorice
State CIO
Department of Information Services (DIS)
1110 Jefferson Street SE
Olympia, WA 98504-2445

Mr. Tortorice:

I'd like to clarify CenturyLink's intentions related to NoaNet's Round Two broadband stimulus application.

While CenturyLink will not participate as co-applicant or subrecipient in NoaNet's grant application, CenturyLink anticipates bidding on a contracting opportunity with DIS to provide ethernet transport services to 60+ rural schools and libraries within the company's most rural service territories.

This approach both is consistent with the company's ongoing history as a service provider to DIS, and helps further CenturyLink's long-standing goal of deploying broadband to rural communities across the state of Washington. CenturyLink, formerly CenturyTel and EMBARQ, began deploying broadband services to rural Washington as early as 1999. And while CenturyLink now covers nearly 30 percent of the state's landmass, including some of the most rural sections of the state, the company already has achieved 88% broadband deployment across its footprint. This is no small accomplishment, given the challenges of both the topography and the sparse population densities in the areas CenturyLink serves.

CenturyLink looks forward to working with DIS once the Round Two application is granted. Please feel free to contact me should you have questions.

Sincerely,

Tim Grigar
Vice President and General Manager
Washington and Oregon
Phone: 253-851-1450
Tim.Grigar@centurylink.com

BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institution provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest (passive, non-environmentally controlled points of interconnection, cell tower points, may be excluded), collocation facilities, central offices, head ends, and other central office facilities, network access points to last mile service providers, Internet peering points, etc. For each point of interest you may provide either a street address or geocoordinates (lat/long). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. The "Interconnection Available at the Facility" field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and can be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF or other format for upload. Additionally, applicants should not modify the format of this file.

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BTOP CCI Community Anchor Institutions Detail Template

Title: **State of Washington Broadband Consortium**
 Easy Grants ID: **5376**

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
HQ		191 Otto St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Grays Harbor - Ilwaco Learning Center		118 Lake St SE	Ilwaco	WA	98624	Community College		Community Anchor Institution
Peninsula - Port Hadlock		201 W. Patison St.	Port Hadlock	WA	98339	Community College		Community Anchor Institution
Peninsula - Port Townsend		701 Water Street	Port Townsend	WA	98368	Community College		Community Anchor Institution
Buena Headstart		801 Buena Road	Buena	WA	98921	Other Community Support Organization		Community Anchor Institution
Chimicum Creek Primary		313 Ness Corner Road	Port Hadlock	WA	98339	Other Community Support Organization		Community Anchor Institution
NorthWest Maritime Center		431 Water Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Tieton Headstart		807 S.Tieton Ave.	Tieton	WA	98947	Other Community Support Organization		Community Anchor Institution
Toppenish Headstart		403 South Juniper Street	Toppenish	WA	98948	Other Community Support Organization		Community Anchor Institution
Wapato Headstart		1240 Campbell Road	Wapato	WA	98951	Other Community Support Organization		Community Anchor Institution
White Swan Head Start		61 Rodeo Drive	White Swan	WA	98952	Other Community Support Organization		Community Anchor Institution
Fairgrounds Govt center		172 S Wynn	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Landfill		3501 W 18th	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Corp Yard - City Light		1703 S B St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
WWTP		1509 Columbia	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
E street		1022 S E St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Senior Cntr		328 E 7th St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
William Shore Pool		1901 W 4th St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Parks Mntc		3127 W 18th St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
Cemetery Chapel		2700 S Milwaukee Dr.	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Marine Terminal		2007 S O St	Port Angeles	WA	98362	Other Government Facility		Community Anchor Institution
P.A.H.S.		304 E Park Ave	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
Scrivner PS		300 E Scrivner	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
CSO P.S. 1		5th St & N St	Port Angeles	WA	98362	School (k-12)		Community Anchor Institution
Wolverton Park		825 W 11th St	Port Angeles	WA	98362	Public Housing		Community Anchor Institution
N Olympic Youth Cntr		201 W 1st St	Port Angeles	WA	98362	Other Community Support Organization		Community Anchor Institution
Key City Playhouse		1128 Lawrence Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Pope Marine Building		100 Madison Street	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
City Pink House		1256 Lawrence Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
City Shop		1818 Beech Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Courthouse		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Mountain View Commons		1919 Blaine Street	Port Townsend	WA	98368	Public Housing		Community Anchor Institution
City Hall		250 Madison St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Waste Water Plant Office		5210 Kuhn Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
City Waste Water Plant		5300 Kuhn Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Castlehill DCD		623 Sheridan St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Castlehill Public Works		623 Sheridan St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
City Compost Facility		630 County Landfill Road	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Northeast Tri-County Health District		240 E Dominion Ave	Colville	WA	99114	Medical or Healthcare Provider		Community Anchor Institution
Mount Carmel Hospital			Colville	WA	99114	Medical or Healthcare Provider		Community Anchor Institution
Port Hadlock Medical Care		121 Oak Rd Bay Rd	Port Hadlock	WA	98339	Medical or Healthcare Provider		Community Anchor Institution
Castlehill Public Health		623 Sheridan St	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Castlehill Environmental Health		623 Sheridan St	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Downtown Clinic		1136 Water Street	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Home Health and Hospice		2500 West Sims Way	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Main Campus		834 Sheridan	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
Medical Offices		915 Sheridan	Port Townsend	WA	98368	Medical or Healthcare Provider		Community Anchor Institution
South County Clinic		294843 U.S. 101	Quilcene	WA	98376	Medical or Healthcare Provider		Community Anchor Institution
Bainbridge Municipal		10255 NE Valley Rd	Bainbridge	WA	98110	Other Government Facility		Community Anchor Institution
Kittitas District		700 E 1st St	Cle Elum	WA	98922	Other Government Facility		Community Anchor Institution
Northwest Justice Project		132 W 1st AvE	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens County Prosecutor		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens District		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens Juvenile		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens Superior		215 S Oak St	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Stevens County Clerk		215 S Oak St, Rm 206	Colville	WA	99114	Other Government Facility		Community Anchor Institution
Cosmopolis Municipal		1101 1st St	Cosmopolis	WA	98537	Other Government Facility		Community Anchor Institution
Kalispel Tribal Court		22 Camas Flat Rd	Cusick	WA	99119	Other Government Facility		Community Anchor Institution
George Municipal		102 Richmond Ave	George	WA	98848	Other Government Facility		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Evergreen District		14414 179th Ave SE	Monroe	WA	98272	Other Government Facility		Community Anchor Institution
Pend Oreille County Clerk		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille CLL		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille County Prosecutor		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille District		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille Juvenile		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Pend Oreille Superior		229 S Garden Ave	Newport	WA	99156	Other Government Facility		Community Anchor Institution
Orting Municipal		401 Washington Ave SE	Orting	WA	98360	Other Government Facility		Community Anchor Institution
Jefferson County Clerk		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson CLL		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson County Prosecutor		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson District		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson Juvenile		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Jefferson Superior		1820 Jefferson St	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Ferry County Prosecutor		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry District		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry Juvenile		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry Superior		350 E Delaware Ave	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Ferry County Clerk		350 E Delaware Ave #4	Republic	WA	99166	Other Government Facility		Community Anchor Institution
Sedro Woolley Municipal		325 Metcafe St	Sedro Woolley	WA	98284	Other Government Facility		Community Anchor Institution
Six Rivers Community Mediation Services		1113 Kelly Ave	The Dalles	OR	97058	Other Government Facility		Community Anchor Institution
Tulalip Tribal Court		6103 31st Ave NE	Tulalip	WA	98271	Other Government Facility		Community Anchor Institution
Tulalip Tribal Police Department		6103 31st Ave NE	Tulalip	WA	98271	Public Safety Entity		Community Anchor Institution
Kalispel Legal Department Office		1981 N LeClerc Rd	Usk	WA	99180	Other Government Facility		Community Anchor Institution
Kalispel Public Safety Department		3292 N LeClerc Rd	Usk	WA	99180	Public Safety Entity		Community Anchor Institution
Wapato Municipal		205 S Simcoe Ave	Wapato	WA	98951	Other Government Facility		Community Anchor Institution
Westport Municipal		506 North Montesano St	Westport	WA	98595	Other Government Facility		Community Anchor Institution
Zillah Municipal		111 7th St	Zillah	WA	98953	Other Government Facility		Community Anchor Institution
Zillah Library		109 7th St	Zillah	WA	98953	Library		
Grays Harbor Juvenile Detention		103 Hagara	Aberdeen	WA	98520	Other Government Facility		Community Anchor Institution
Almira Elementary School		310 S. 3rd St.	Almira	WA	99103	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Columbia Crest Elementary School		24503 State Route 706 E	Ashford	WA	98304	School (k-12)		Community Anchor Institution
Basin City Elementary		303 Bailie Blvd.	Basin City	WA	99343	School (k-12)		Community Anchor Institution
Esquire Hills Elementary School		2650 NE Carlson Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Jackson Park Elementary School		2900 Austin Dr Bremerton	Bremerton	WA	98312	School (k-12)		Community Anchor Institution
Cottonwood Elementary School		330 Foster Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Green Mountain Elementary School		3860 Boundary Trail NW Bremerton	Bremerton	WA	98312	School (k-12)		Community Anchor Institution
Pinecrest Elementary School		5530 Pine Rd NE Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Tracyton Elementary		5550 Tracyton Blvd, Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Woodlands Elementary School		7420 Central Valley Rd Bremerton	Bremerton	WA	98311	School (k-12)		Community Anchor Institution
Brinnon School		46 Schoolhouse Road	Brinnon	WA	98320	School (k-12)		Community Anchor Institution
Centerville Elementary		2315 Centerville Hwy	Centerville		98613	School (k-12)		Community Anchor Institution
Gess Elementary		E 405 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Jenkins Senior High		E. 702 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Home Link Alternative		W 106 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Jenkins Middle School		W. 106 Lincoln	Chewelah	WA	99109	School (k-12)		Community Anchor Institution
Chimacum High School		91 West Valley Rd	Chimacum	WA	98325	School (k-12)		Community Anchor Institution
Clallam Bay High & Elementary		16933 Hwy 112	Clallam Bay	WA	98326	School (k-12)		Community Anchor Institution
Cle Elum-Roslyn High School		2692 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Walter Strome Middle School		2694 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Cle Elum-Roslyn Elementary		2696 State Route 903	Cle Elum	WA	98922	School (k-12)		Community Anchor Institution
Fort Colville Elementary		1212 E Ivy Ave	Colville	WA	99114	School (k-12)		Community Anchor Institution
Colville Senior High School		154 Highway 20 E	Colville	WA	99114	School (k-12)		Community Anchor Institution
Columbia Virtual Academy - colville		217 South Hofstetter Street	Colville	WA	99114	School (k-12)		Community Anchor Institution
Aster Elementary		225 Hofstetter St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Hofstetter Elementary		640 N Hofstetter St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Colville Junior High School		990 S Cedar St.	Colville	WA	99114	School (k-12)		Community Anchor Institution
Cosmopolis Elementary School		1439 Fourth Street	Cosmopolis	WA	98537	School (k-12)		Community Anchor Institution
Marcus Whitman-Cowiche Elementary		1181 Thompson Rd	Cowiche	WA	98923	School (k-12)		Community Anchor Institution
Highland JH / HS		17000 Summitview Rd	Cowiche	WA	98923	School (k-12)		Community Anchor Institution
Boistfort Elementary		983 Boistfort Road	Curtis	WA	98538	School (k-12)		Community Anchor Institution
Bess Herian Elementary		305 Monumental Way	Cusick	WA	99119	School (k-12)		Community Anchor Institution
Cusick Jr Sr High School		305 Monumental Way	Cusick	WA	99119	School (k-12)		Community Anchor Institution
Harrah Elementary School		3861 Harrah Rd.	Harrah	WA	98933	School (k-12)		Community Anchor Institution
Columbia High and Elementary		4961b Hunters Shop rd	Hunters	WA	99137	School (k-12)		Community Anchor Institution
Selkirk Jr-Sr High		10372 Highway 31	Ione	WA	99139	School (k-12)		Community Anchor Institution
Kettle Falls Elementary School		E 225 8th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls Homelink		W 105 11th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls Middle School		W 105 11th St.	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution
Kettle Falls High School		1275 Juniper St	Kettle Falls	WA	99141	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Mt. Pilchuck Elementary School		12806 20th ST NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Cavelero Mid High School		2908 113th Ave NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Lake Stevens Sr High School		2908 113th Ave NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Highland Elementary		3220 113th Avenue NE	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Sunnycrest Elementary School		3411 99th Ave. N.E	Lake Stevens	WA	98258	School (k-12)		Community Anchor Institution
Lind Elementary School		206 W 3rd St	Lind	WA	99341	School (k-12)		Community Anchor Institution
Lind Jr Sr High		N 507 E Street	Lind	WA	99341	School (k-12)		Community Anchor Institution
Lyle Middle/High School		625 Keasey Avenue	Lyle	WA	98635	School (k-12)		Community Anchor Institution
Mabton District Office		306 N. Main St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Mabton Middle School		450 North St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Vocational Building		552 N. Main St	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Artz-Fox Elementary		805 Washington	Mabton	WA	98935	School (k-12)		Community Anchor Institution
Kendall Elementary		7547 Kendall Road, Maple Falls, WA 98266	Maple Falls	WA	98266	School (k-12)		Community Anchor Institution
Selkirk Elementary		219 Park Avenue	Metaline Falls	WA	99153	School (k-12)		Community Anchor Institution
Stratton Elementary		1201 West 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Newport Alternative High School		1302 W 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Newport High School		1400 W 5th Street	Newport	WA	99156	School (k-12)		Community Anchor Institution
Sadie Halstead Middle School		331 S Calispel Ave.	Newport	WA	99156	School (k-12)		Community Anchor Institution
Paterson Elementary School		51409 W. Prior Rd.	Paterson	WA	99345	School (k-12)		Community Anchor Institution
Port Townsend High School		1500 Van Ness St	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Grant Street Elementary		1637 Grant St	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Mountain View Elementary		1919 Blaine Street	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Blue Heron Middle School		3939 San Juan Av	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Port Townsend School District		450 Fir St Lincoln Bldg	Port Townsend	WA	98368	School (k-12)		Community Anchor Institution
Republic Elementary School		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Republic Junior High		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Republic Senior HS/Parent Partner		30306 E Highway 20	Republic	WA	99166	School (k-12)		Community Anchor Institution
Ritzville High School		209 E Wellsandt Avenue	Ritzville	WA	99169	School (k-12)		Community Anchor Institution
H. E. A. R. T. High School		10140 Highway 12 SW	Rochester	WA	98579	School (k-12)		Community Anchor Institution
Rochester Middle School		9937 Highway 12 SW	Rochester	WA	98579	School (k-12)		Community Anchor Institution
Samish Elementary School		23953 Prairie Rd	Sedro Woolley	WA	98284	School (k-12)		Community Anchor Institution
Job Corps		24852 Hub Drive	Sedro Woolley	WA	98284	Other Government Facility		Community Anchor Institution
West Side Alternative High School		10120 Frontier Place NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Special Services/Food Services		10126 Frontier PI Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Central Kitsap Junior High School		10130 Frontier Place NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
New Frontier Junior High		10150 Frontier PI Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Transportation Facility		10170 Frontier PI Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
"Lighthouse" Classroom Facility		10332 Frontier PI Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Ridgetop Junior High School*		10600 Hillsboro Dr NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Silver Ridge Elementary School*		10622 Hillsboro Dr NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Emerald Heights Elementary School		1260 NW Pinnacle Ct Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Cougar Valley Elementary School		13200 Olympic View Dr Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Central Kitsap High School		3700 Anderson Hill Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Science Kit Warehouse		3790 Anderson Hill Rd Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Clear Creek Elementary School		3999 NWSunde Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Klahowya Secondary School		7607 Newberry Hill Rd Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Silverdale Elementary School		9100 Dickey Rd NW Silverdale	Silverdale	WA	98383	School (k-12)		Community Anchor Institution
Facilities and Maintenance Building		9102 Dickey Rd NW Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
JW/Administration Building		9210 Silvderale Way Silverdale	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Seabeck Property		Larson Lane	Silverdale	WA	98383	Other Government Facility		Community Anchor Institution
Parent Partner Program		500 N 1st	Springdale	WA	99173	Other Government Facility		Community Anchor Institution
Mary Walker High School/Alternative HS		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Springdale Academy		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Springdale Elementary		500 N 4th St.	Springdale	WA	99173	School (k-12)		Community Anchor Institution
Starbuck School		717 TUCANNON ST	STARBUCK	WA	99359	School (k-12)		Community Anchor Institution
Tieton Intermediate School		711 Franklin Rd.	Tieton	WA	98947	School (k-12)		Community Anchor Institution
Trout Lake School		2310 Hwy 141	Trout Lake	WA	98650	School (k-12)		Community Anchor Institution
Mount Pleasant Elementary School		152 Marble Rd.	Washougal	WA	98671	School (k-12)		Community Anchor Institution
Wellpinit Alliance High School		6231 OLD SCHOOL RD	WELLPINIT	WA	99040	School (k-12)		Community Anchor Institution
Wellpinit Elem/HS		6232 OLD SCHOOL RD	Wellpinit	WA	99040	School (k-12)		Community Anchor Institution
Wellpinit Middle School		6233 OLD SCHOOL RD	Wellpinit	WA	99040	School (k-12)		Community Anchor Institution
Ocosta Junior - Senior High		2580 Montesano Street South	Westport	WA	98595	School (k-12)		Community Anchor Institution
Wishram High And Elementary Schl		135 Bunn Street	Wishram	WA	98673	School (k-12)		Community Anchor Institution
Ashford		30205 SR 706	Ashford	WA	98304	Library		Community Anchor Institution
Burbank Heights Library		875 Lake Road	Burbank	WA	99323	Library		Community Anchor Institution
Chewelah Public Library		307 East Clay Ave	Chewelah	WA	99109	Library		Community Anchor Institution
Clallam Bay Branch Library		16990 Hwy 112	Clallam Bay	WA	98326	Library		Community Anchor Institution
Colville Public Library		195 South Oak	Colville	WA	99114	Library		Community Anchor Institution
Elbe		54011 - 180th St. Court E.	Elbe	WA	98330	Library		Community Anchor Institution
Ellensburg Public Library		209 North Ruby Street	Ellensburg	WA	98926	Library		Community Anchor Institution
Hoodsport Timberland Library		N. 40 Schoolhouse Hill Rd.	Hoodsport	WA	98548	Library		Community Anchor Institution
Hunters Public Library		5014 Columbia River Rd., Bldg. #11	Hunters	WA	99137	Library		Community Anchor Institution
Ione Public Library		210 Blackwell, Suite 1	Ione	WA	99139	Library		Community Anchor Institution
Lake Stevens Library		1804 Main St.	Lake Stevens	WA	98258	Library		Community Anchor Institution

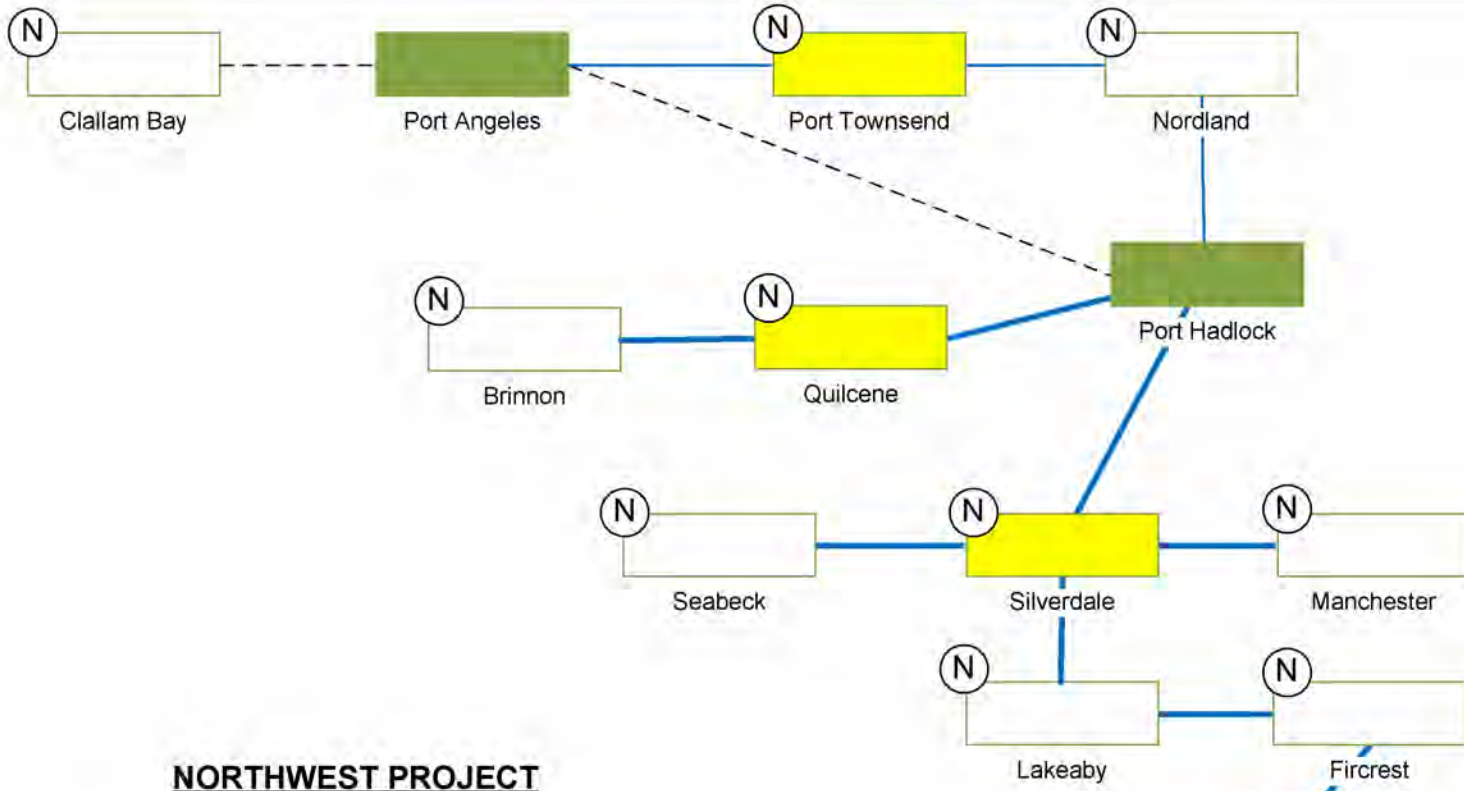
Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Metalines Community Library		302 Park St	Metaline Falls	WA	99153	Library		Community Anchor Institution
Newport Public Library		116 S Washington Avenue	Newport	WA	99156	Library		Community Anchor Institution
Packwood Timberland Library		109 W. Main St.	Packwood	WA	98361	Library		Community Anchor Institution
Port Townsend Public Library		1220 Lawrence Street	Port Townsend	WA	98368	Library		Community Anchor Institution
Sedro-Woolley Public Library		802 Ball Avenue	Sedro-Woolley	WA	98284	Library		Community Anchor Institution
Spokane Valley Library		12004 E. Main Avenue	Spokane Valley	WA	99206	Library		Community Anchor Institution
Springdale Library Station (new branch library)		204 N. 2nd St.	Springdale	WA	99173	Library		Community Anchor Institution
Yakama Tribal Library		100 Spilyay Loop	Toppenish	WA	98948	Library		Community Anchor Institution
Service Center		37 Jade Ave.	Walla Walla	WA	99362	Library		Community Anchor Institution
Westport Timberland Library		101 E Harms Ave	Westport	WA	98595	Library		Community Anchor Institution
Buena Library		813 Buena Road	Zillah	WA	98953	Library		Community Anchor Institution
Fay Bainbridge		15446 Sunrise Dr NE	Bainbridge	WA	98110	Other Community Support Organization		Community Anchor Institution
Maryhill		50 Hwy 97	Goldendale	WA	98620	Other Community Support Organization		Community Anchor Institution
Fort Flagler		10541 Flagler Rd	Nordland	WA	98358	Other Community Support Organization		Community Anchor Institution
Old Fort Townsend		1370 Old Fort Townsend Rd	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Fort Worden		200 Battery Way	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Marine Science Center		532 Battery Way	Port Townsend	WA	98368	Other Community Support Organization		Community Anchor Institution
Kitsap Memorial		202 NE Park St	Poulsbo	WA	98370	Other Community Support Organization		Community Anchor Institution
Scenic Beach		9565 Scenic Beach Rd NW	Seabeck	WA	98380	Other Community Support Organization		Community Anchor Institution
Columbia Plateau Trail Central		100 SW Main	Washtucna	WA	98673	Other Community Support Organization		Community Anchor Institution
Twin Harbors		3120 State Route 105 South	Westport	WA	98595	Other Community Support Organization		Community Anchor Institution
Brinnon Fire		272 Schoolhouse Road	Brinnon	WA	98320	Public Safety Entity		Community Anchor Institution
Chimacum Fire		9193 Rhody Drive	Chimacum	WA	98325	Public Safety Entity		Community Anchor Institution
College Place FireDept.		629 South College Avenue	College place	WA	99324	Public Safety Entity		Community Anchor Institution
Stevens County Communications		270 E Birch Avenue	Colville	WA	99114	Public Safety Entity		Community Anchor Institution
Regional Dispatch Center		1103 Hunley Rd	Naval Base Kitsap	WA	98315	Public Safety Entity		Community Anchor Institution
Pend Oreille Sheriff's Office		331 South Garden Avenue	Newport	WA	99156	Public Safety Entity		Community Anchor Institution
Capital Communications (CAPCOM)		2703 Pacific Avenue SE	Olympia	WA	98501	Public Safety Entity		Community Anchor Institution
City Hall - Court House-Sheriff		321 E Fifth St	Port Angeles	WA	98362	Public Safety Entity		Community Anchor Institution
PA Fire Station		102 E 5th St	Port Angeles	WA	98362	Public Safety Entity		Community Anchor Institution
Sheriff's Office (JCSO)		79 Elkins Road	Port Hadlock	WA	98339	Public Safety Entity		Community Anchor Institution
East Jefferson Fire		706 Harrison	Port Townsend	WA	98368	Public Safety Entity		Community Anchor Institution
City Police		1919 Blaine Street	Port Townsend	WA	98368	Public Safety Entity		Community Anchor Institution
Ferry County E-911		175 N Jefferson	Republic	WA	99166	Public Safety Entity		Community Anchor Institution
City of Snohomish - City Police Department		230 Maple Ave, Snohomish, WA 98290	Snohomish	WA	98926	Public Safety Entity		Community Anchor Institution
E9-1-1 Emergency Communications		1620 N Rebecca Street	Spokane		99202	Public Safety Entity		Community Anchor Institution

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
Yakama Power		111 Fort Road	Toppenish	WA	98948	Other Community Support Organization		Community Anchor Institution
Indianola Community Center		9200 Northeast Shore Drive	Indianola	WA	98342	Other Community Support Organization		Community Anchor Institution
Olalla Community Center		12970 Olalla Valley Rd, Olalla	Olalla	WA	98359	Other Community Support Organization		Community Anchor Institution
IEL - Republic		970 S. Clark St.	Republic	WA	99166	Community College		Community Anchor Institution
Clark College		18700 SE Mill Plain Blvd.	Washougal	WA	98672	Community College		Community Anchor Institution
Boat Haven		2601 Washington Stree	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Point Hudson		375 Hudson Street	Port Townsend	WA	98368	Other Government Facility		Community Anchor Institution
Stevens CLL		215 S Oak St, Courthouse Annex	Colville	WA	99114	Other Government Facility		Community Anchor Institution
East Whatcom Regional Resource Center		7547 Kendall Road (just placeholder)	Maple Falls	WA	98266	Other Government Facility		Community Anchor Institution
Quilcene School		294715 Hwy 101	Quilcene	WA	98376	School (k-12)		Community Anchor Institution
Amanda Park Timberland Library		6118 U.S. Highway 101	Amanda Park	WA	98526	Library		Community Anchor Institution
Bainbridge Island Library		1270 Madison N.	Bainbridge Island	WA	98110	Library		Community Anchor Institution
Bainbridge Island Library		1271 Madison N.	Bainbridge Island	WA	98110	Library		Community Anchor Institution
Basin City Library		50-A N. Canal Blvd.	Basin City	WA	99343	Library		Community Anchor Institution
Benton City Library		810 Horne Road	Benton City	WA	99320	Library		Community Anchor Institution
Camas Public Library		625 NE Fourth Ave.	Camas	WA	98607	Library		Community Anchor Institution
Kalispel Valley Library		107 1st Ave	Cusick	WA	99119	Library		Community Anchor Institution
Harrah Library		21 East Pioneer Street	Harrah	WA	98933	Library		Community Anchor Institution
Kettle Falls Public Library		605 Meyers St	Kettle Falls	WA	99141	Library		Community Anchor Institution
Little Boston Library		31980 Little Boston Rd. NE	Kingston	WA	98346	Library		Community Anchor Institution
Kitsap Regional Library - Manchester		8067 Main St. Manchester	Manchester	WA	98353	Library		Community Anchor Institution
Monroe Library		1070 Village Way	Monroe	WA	98272	Library		Community Anchor Institution
Lakeside Community Library		6176 Hwy 291	Nine Mile Falls	WA	99026	Library		Community Anchor Institution
Tribal Library		2851 Lower Elwha Rd	Port Angeles	WA	98363	Library		Community Anchor Institution
Jefferson County Rural Library		620 Cedar Avenue	Port Hadlock	WA	98339	Library		Community Anchor Institution
Tieton Library		418 Maple Street	Tieton	WA	98947	Library		Community Anchor Institution
Toppenish Library		3240 Fort Road	Toppenish	WA	98948	Library		Community Anchor Institution
Touchet Community Library		161 Hanson Road	Touchet	WA	99360	Library		Community Anchor Institution
Wapato Library		119 East 3rd Street,	Wapato	WA	98951	Library		Community Anchor Institution
West Richland Library		3803 W. Van Giesen	West Richland	WA	99353	Library		Community Anchor Institution
White Swan Library		391 1st Street,	White Swan	WA	98952	Library		Community Anchor Institution
Stillaguamish Tribal Center		3310 Smokey Point Dr., Arlington WA	Arlington	WA	98223	Other Community Support Organization		Community Anchor Institution
Nooksack Tribal Office		5016 Mt Baker Hwy., Deming WA	Deming	WA	98244	Other Community Support Organization		Community Anchor Institution
Skagit Tribal Center		25959 Community Plaza Way, Sedro Woolley WA	Sedro-Woolley	WA	98284	Other Community Support Organization		Community Anchor Institution
Tulalip Data Services		8732 27th Ave NE, Tulalip, WA 98271	Tulalip	WA	98271	Other Community Support Organization		Community Anchor Institution
SKFR Station		8696 Olalla Valley Rd	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
SKFR Station		5770 SE Nelson Rd	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
SKFR Station		4058 State Highway 3	Port Orchard	wa	98366	Public Safety Entity		Community Anchor Institution
CKFR Administration Building		5300 NW Newberry Hill Road-Suite 101	Silverdale	wa	98383	Public Safety Entity		Community Anchor Institution
Station 41 - Meadowdale		7600 Old Military Road NE	Bremerton	wa	98311	Public Safety Entity		Community Anchor Institution

BTOP CCI Network Points of Interest Detail Template

Title: **State of Washington Broadband Consortium**
 Easy Grants ID: **5376**

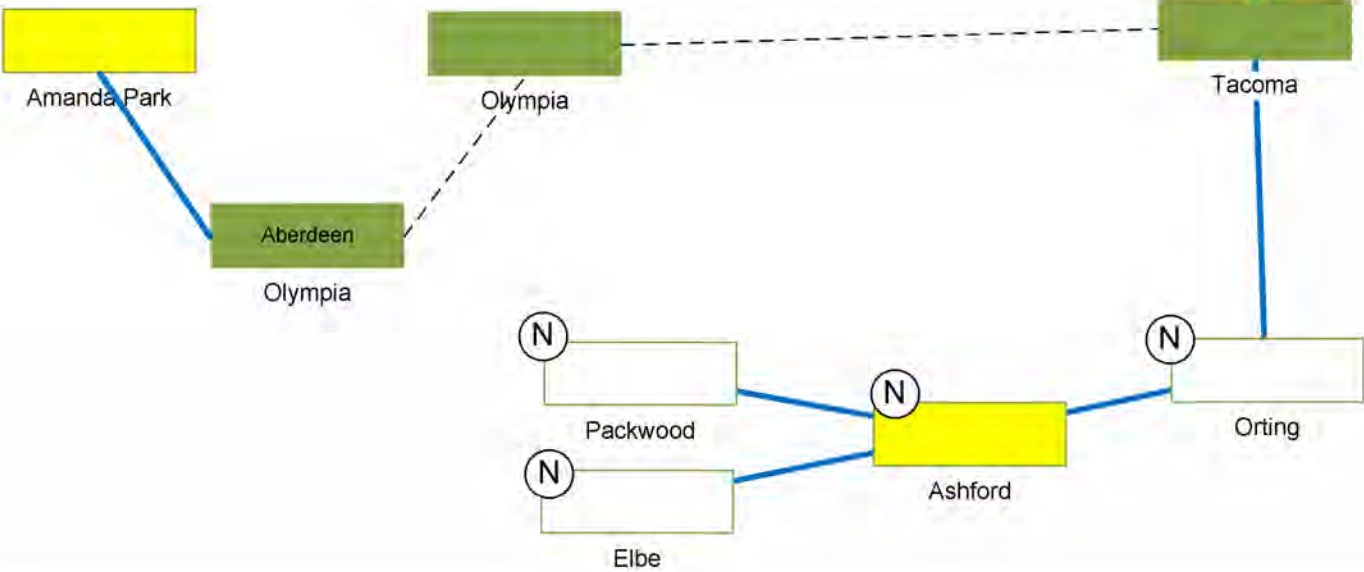
Facility Type	Address Line 1	City	State	Zip	Longitude	Latitude	Interconnection Available at this Location	Status in Proposed Network
Point of Interconnection	9200 Northeast Shore Drive	Indianola	WA	98342			Yes	New for Proposed Network
Point of Interconnection	12970 Olalla Valley Rd, Olalla	Olalla	WA	98359			Yes	New for Proposed Network
Point of Interconnection	970 S. Clark St.	Republic	WA	99166			Yes	New for Proposed Network
Point of Interconnection	18700 SE Mill Plain Blvd.	Washougal	WA	98672			Yes	New for Proposed Network
Last Mile Network Access Point	2601 Washington Stree	Port Townsend	WA	98368			Yes	New for Proposed Network
Last Mile Network Access Point	375 Hudson Street	Port Townsend	WA	98368			Yes	New for Proposed Network
Point of Interconnection	215 S Oak St, Courthouse Annex	Colville	WA	99114			Yes	New for Proposed Network
Last Mile Network Access Point	7547 Kendall Road (just placeholder)	Maple Falls	WA	98266			Yes	New for Proposed Network
Last Mile Network Access Point	294715 Hwy 101	Quilcene	WA	98376			Yes	New for Proposed Network
Point of Interconnection	6118 U.S. Highway 101	Amanda Park	WA	98526			Yes	New for Proposed Network
Point of Interconnection	1270 Madison N.	Bainbridge Island	WA	98110			Yes	New for Proposed Network
Point of Interconnection	1271 Madison N.	Bainbridge Island	WA	98110			Yes	New for Proposed Network
Point of Interconnection	50-A N. Canal Blvd.	Basin City	WA	99343			Yes	New for Proposed Network
Point of Interconnection	810 Horne Road	Benton City	WA	99320			Yes	New for Proposed Network
Point of Interconnection	625 NE Fourth Ave.	Camas	WA	98607			Yes	New for Proposed Network
Point of Interconnection	107 1st Ave	Cusick	WA	99119			Yes	New for Proposed Network
Point of Interconnection	21 East Pioneer Street	Harrah	WA	98933			Yes	New for Proposed Network
Point of Interconnection	605 Meyers St	Kettle Falls	WA	99141			Yes	New for Proposed Network
Point of Interconnection	31980 Little Boston Rd. NE	Kingston	WA	98346			Yes	New for Proposed Network
Point of Interconnection	8067 Main St. Manchester	Manchester	WA	98353			Yes	New for Proposed Network
Point of Interconnection	1070 Village Way	Monroe	WA	98272			Yes	New for Proposed Network
Point of Interconnection	6176 Hwy 291	Nine Mile Falls	WA	99026			Yes	New for Proposed Network
Last Mile Network Access Point	2851 Lower Elwha Rd	Port Angeles	WA	98363			Yes	New for Proposed Network
Last Mile Network Access Point	620 Cedar Avenue	Port Hadlock	WA	98339			Yes	New for Proposed Network
Point of Interconnection	418 Maple Street	Tieton	WA	98947			Yes	New for Proposed Network
Point of Interconnection	3240 Fort Road	Toppenish	WA	98948			Yes	New for Proposed Network
Point of Interconnection	161 Hanson Road	Touchet	WA	99360			Yes	New for Proposed Network
Point of Interconnection	119 East 3rd Street,	Wapato	WA	98951			Yes	New for Proposed Network
Point of Interconnection	3803 W. Van Giesen	West Richland	WA	99353			Yes	New for Proposed Network
Point of Interconnection	391 1st Street,	White Swan	WA	98952			Yes	New for Proposed Network
Last Mile Network Access Point	3310 Smokey Point Dr., Arlington	Arlington	WA	98223			Yes	New for Proposed Network
Last Mile Network Access Point	5016 Mt Baker Hwy., Deming WA	Deming	WA	98244			Yes	New for Proposed Network
Point of Interconnection	25959 Community Plaza Way, Sedro	Sedro-Woolley	WA	98284			Yes	New for Proposed Network
Collocation Facility	8732 27th Ave NE, Tulalip, WA 982	Tulalip	WA	98271			Yes	New for Proposed Network
Point of Interconnection	G2 Haven Heights Drive	Sequim	WA	98382			Yes	Existing - Applicant/Partner Owned
Connection to Service Provider	921 SW Washington St	Portland	OR	97205			Yes	Existing - Applicant/Partner Owned



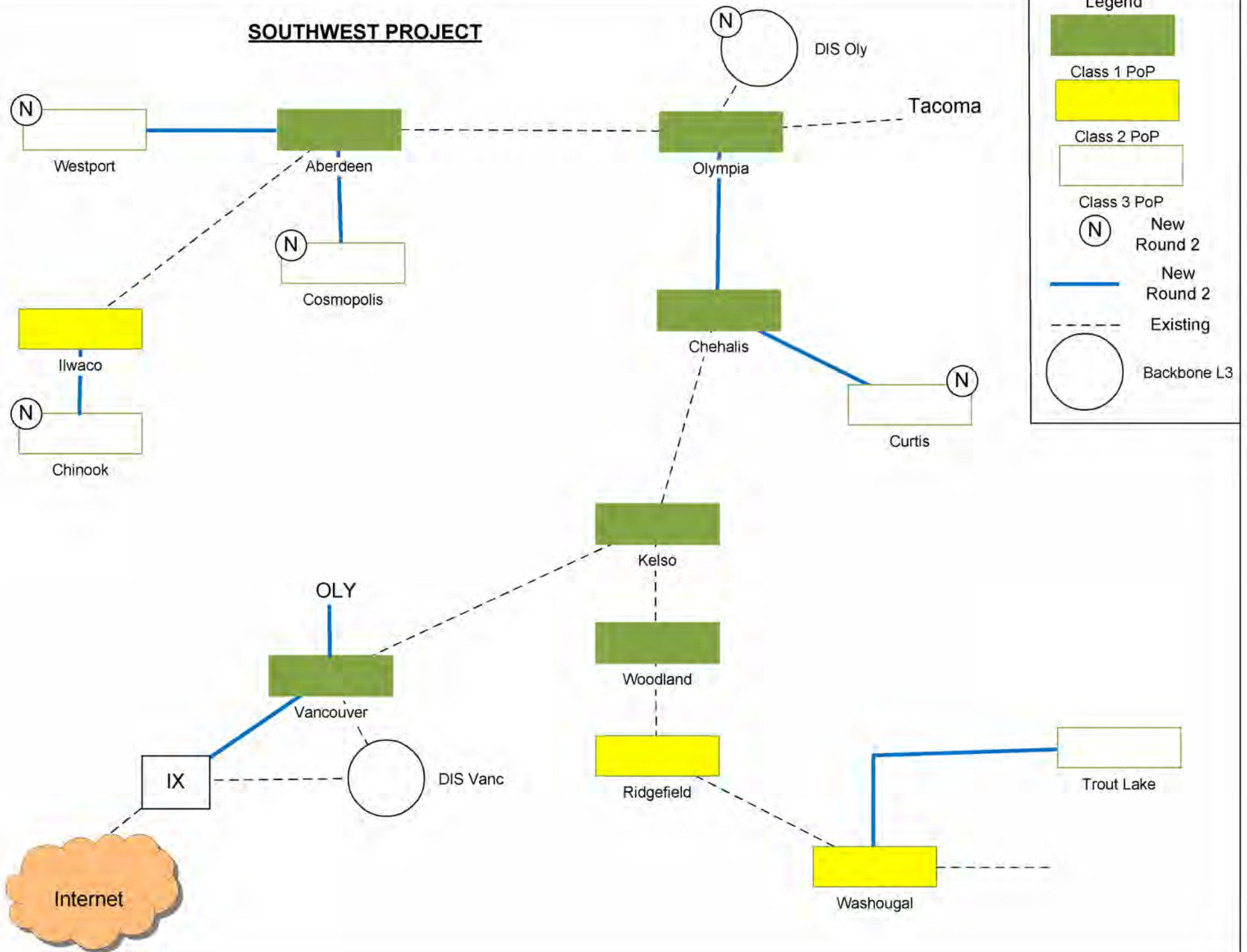
Legend

- Class 1 PoP
- Class 2 PoP
- Class 3 PoP
- N New Round 2
- New Round 2
- Existing
- Backbone L3

NORTHWEST PROJECT



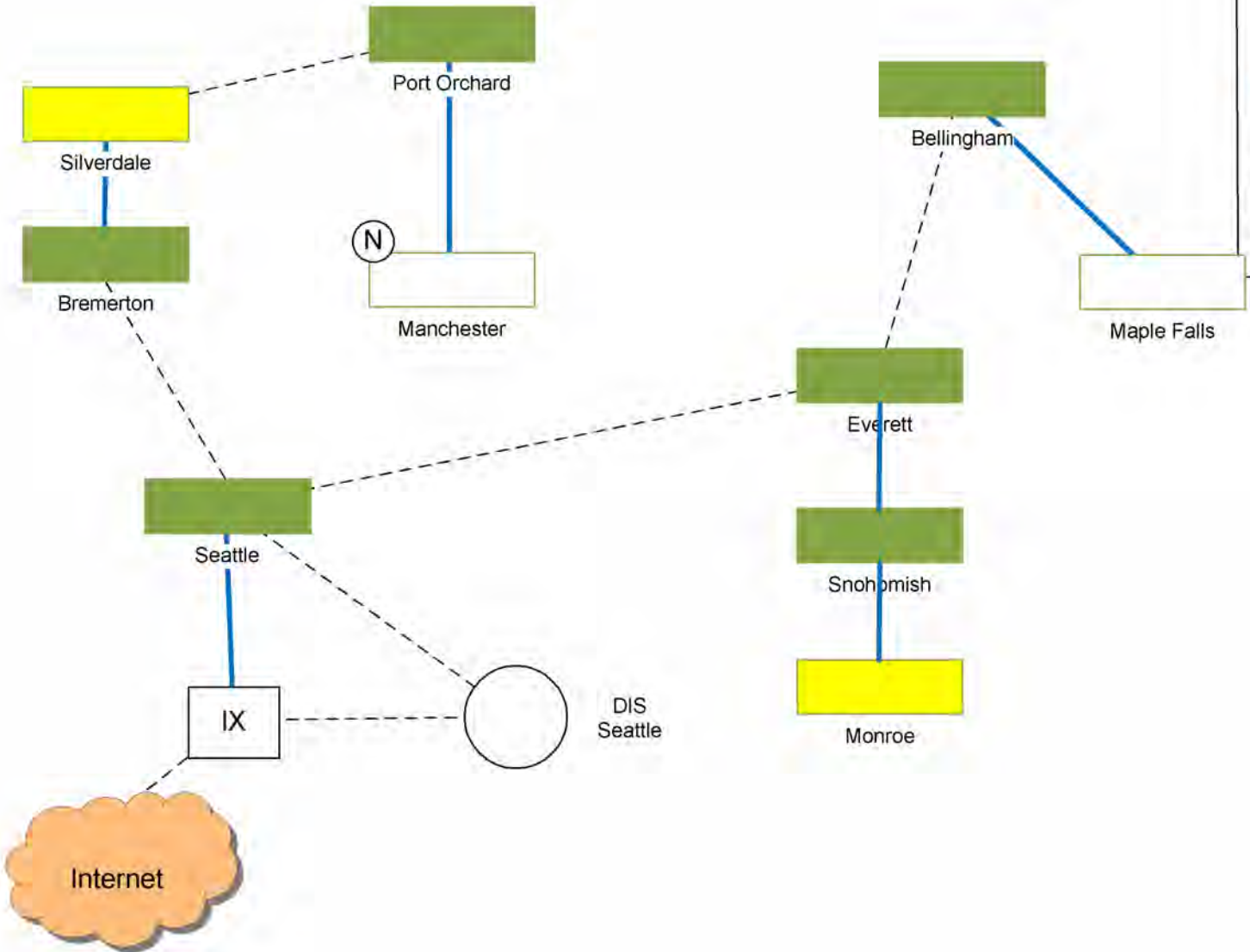
SOUTHWEST PROJECT



PUGET SOUND PROJECT

Legend

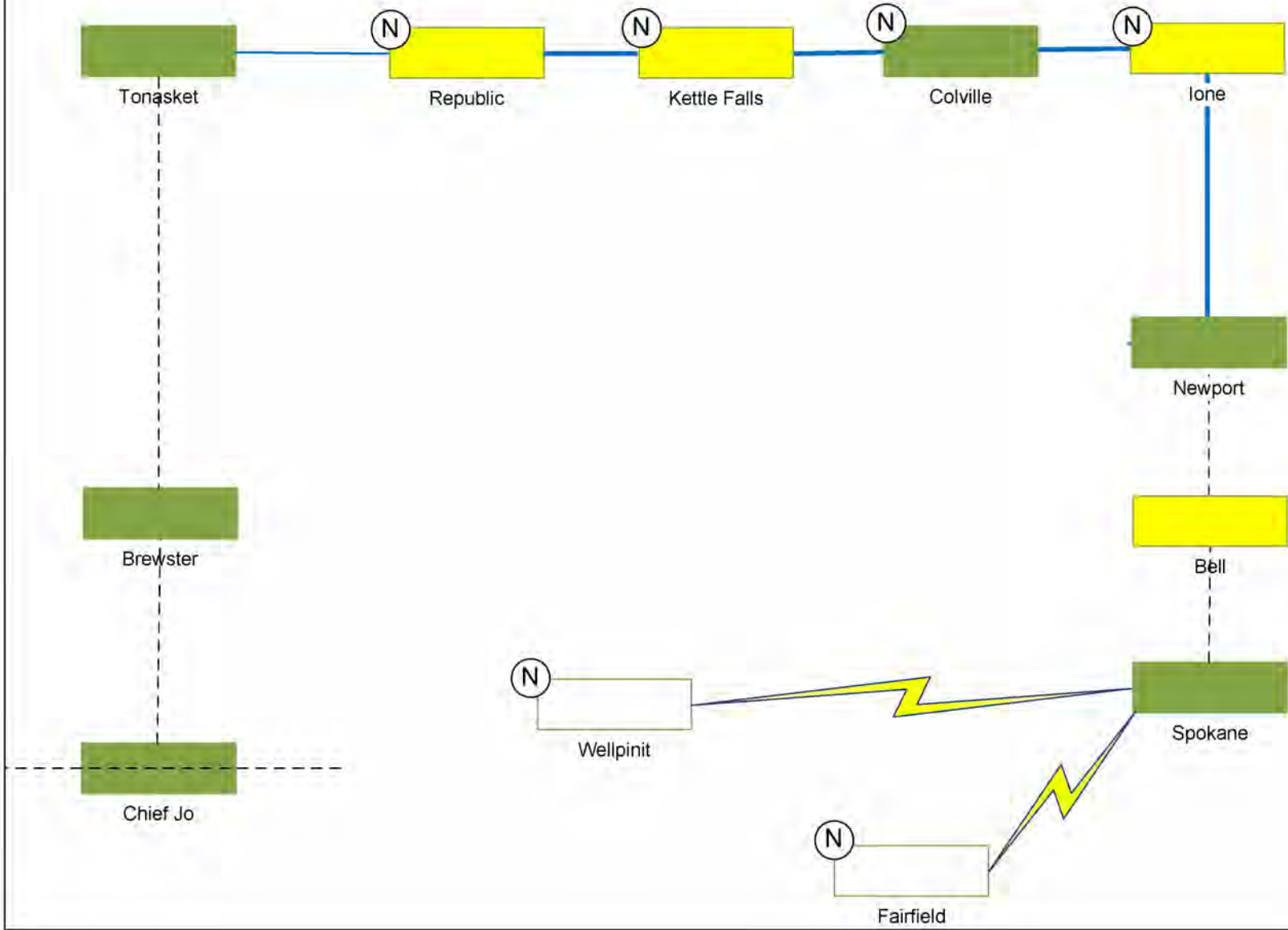
- Class 1 PoP
- Class 2 PoP
- Class 3 PoP
- N New Round 2
- N Existing Backbone L3
- New Round 2
- Existing



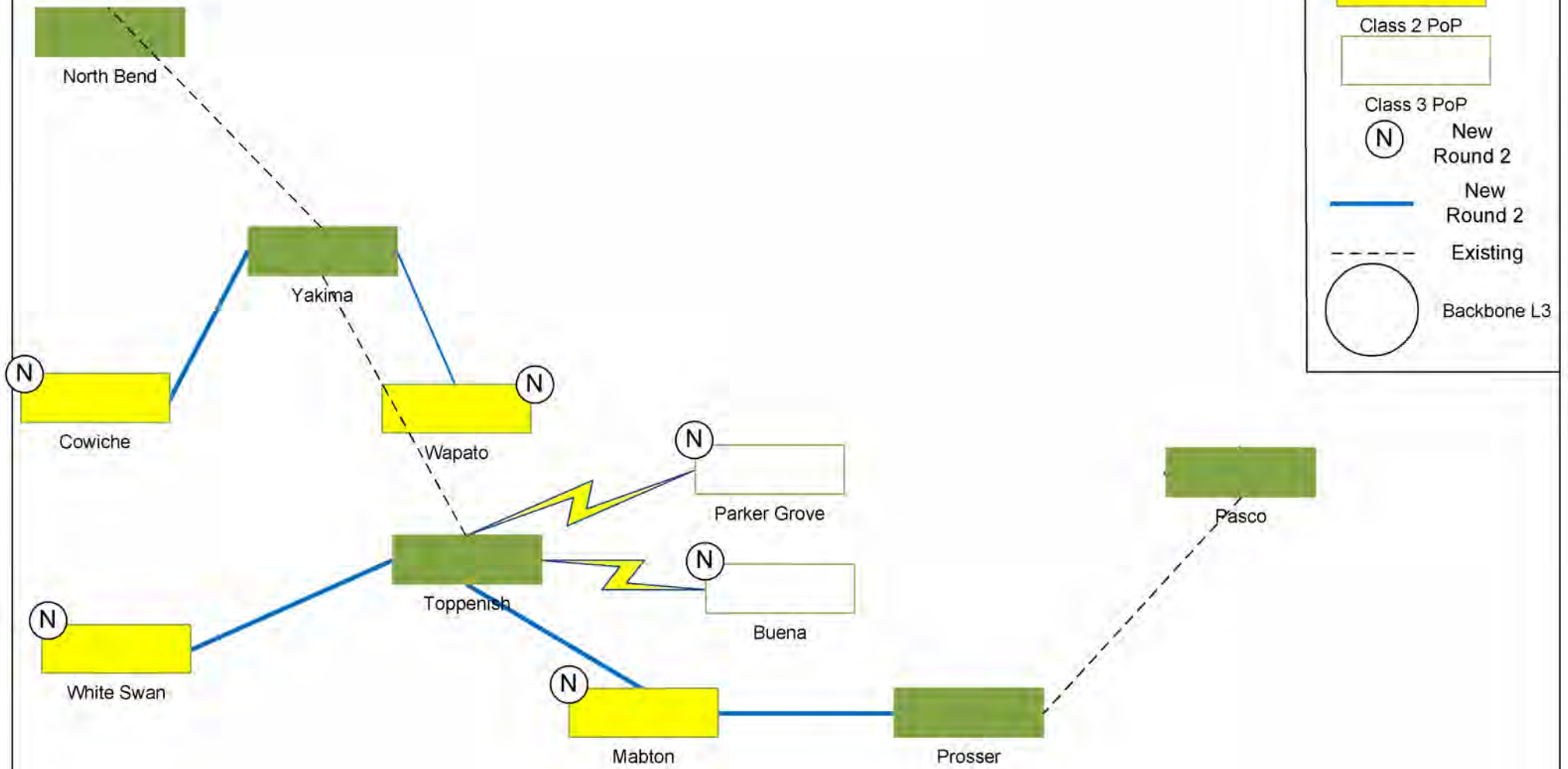
NORTH CENTRAL and NORTH EAST PROJECT

Legend

- Class 1 PoP
- Class 2 PoP
- Class 3 PoP
- N New Round 2
- New Round 2
- Existing
- Backbone L3

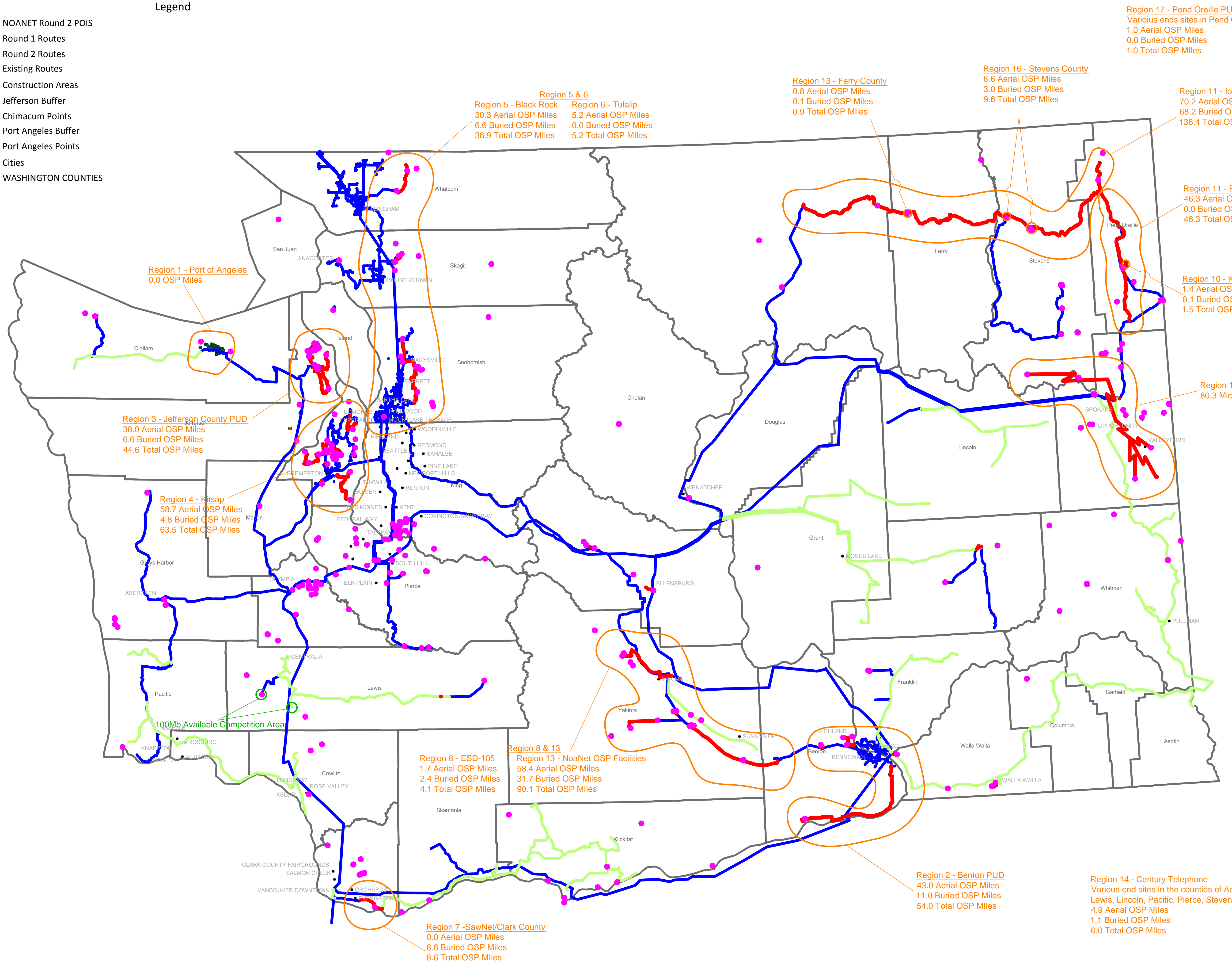


CENTRAL and SOUTHWEST PROJECT



Legend

- NOANET Round 2 POIS
- Round 1 Routes
- Round 2 Routes
- Existing Routes
- Construction Areas
- Jefferson Buffer
- Chimacum Points
- Port Angeles Buffer
- Port Angeles Points
- Cities
- WASHINGTON COUNTIES



Region 1 - Port of Angeles
0.0 OSP Miles

Region 3 - Jefferson County PUD
38.0 Aerial OSP Miles
6.6 Buried OSP Miles
44.6 Total OSP Miles

Region 4 - Kitsap
58.7 Aerial OSP Miles
4.8 Buried OSP Miles
63.5 Total OSP Miles

100Mb Available Competition Area

Region 8 - ESD-105
1.7 Aerial OSP Miles
2.4 Buried OSP Miles
4.1 Total OSP Miles

Region 8 & 13 - NoaNet OSP Facilities
58.4 Aerial OSP Miles
31.7 Buried OSP Miles
90.1 Total OSP Miles

Region 7 - SawNet/Clark County
0.0 Aerial OSP Miles
8.6 Buried OSP Miles
8.6 Total OSP Miles

Region 5 & 6
Region 5 - Black Rock
30.3 Aerial OSP Miles
6.6 Buried OSP Miles
36.9 Total OSP Miles
Region 6 - Tulalip
5.2 Aerial OSP Miles
0.0 Buried OSP Miles
5.2 Total OSP Miles

Region 13 - Ferry County
0.8 Aerial OSP Miles
0.1 Buried OSP Miles
0.9 Total OSP Miles

Region 16 - Stevens County
6.6 Aerial OSP Miles
3.0 Buried OSP Miles
9.6 Total OSP Miles

Region 11 - Lone to Tonasket Backbone along Highway 20
70.2 Aerial OSP Miles
68.2 Buried OSP Miles
138.4 Total OSP Miles

Region 11 - Backbone Route Reinforcement
46.3 Aerial OSP Miles
0.0 Buried OSP Miles
46.3 Total OSP Miles

Region 10 - Kalispel Tribe
1.4 Aerial OSP Miles
0.1 Buried OSP Miles
1.5 Total OSP Miles

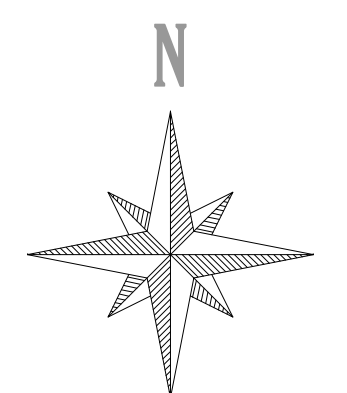
Region 13 - NoaNet
80.3 Microwave Radio Miles

Region 2 - Benton PUD
43.0 Aerial OSP Miles
11.0 Buried OSP Miles
54.0 Total OSP Miles

Region 14 - Century Telephone
Various end sites in the counties of Adams, Clallam, Franklin, Grays Harbor, Klickitat, Lewis, Lincoln, Pacific, Pierce, Stevens, & Yakima, not detailed on map.
4.9 Aerial OSP Miles
1.1 Buried OSP Miles
6.0 Total OSP Miles

Region 17 - Pend Oreille PUD
Various end sites in Pend Oreille County.
1.0 Aerial OSP Miles
0.0 Buried OSP Miles
1.0 Total OSP Miles

DATE CREATED: 3/22/2010
DATE REVISED: 5/25/2010
DRAWN BY: Keeton Walden



SCALE: NTS

COMPANY:
Northwest Open Access Network

SYSTEM:

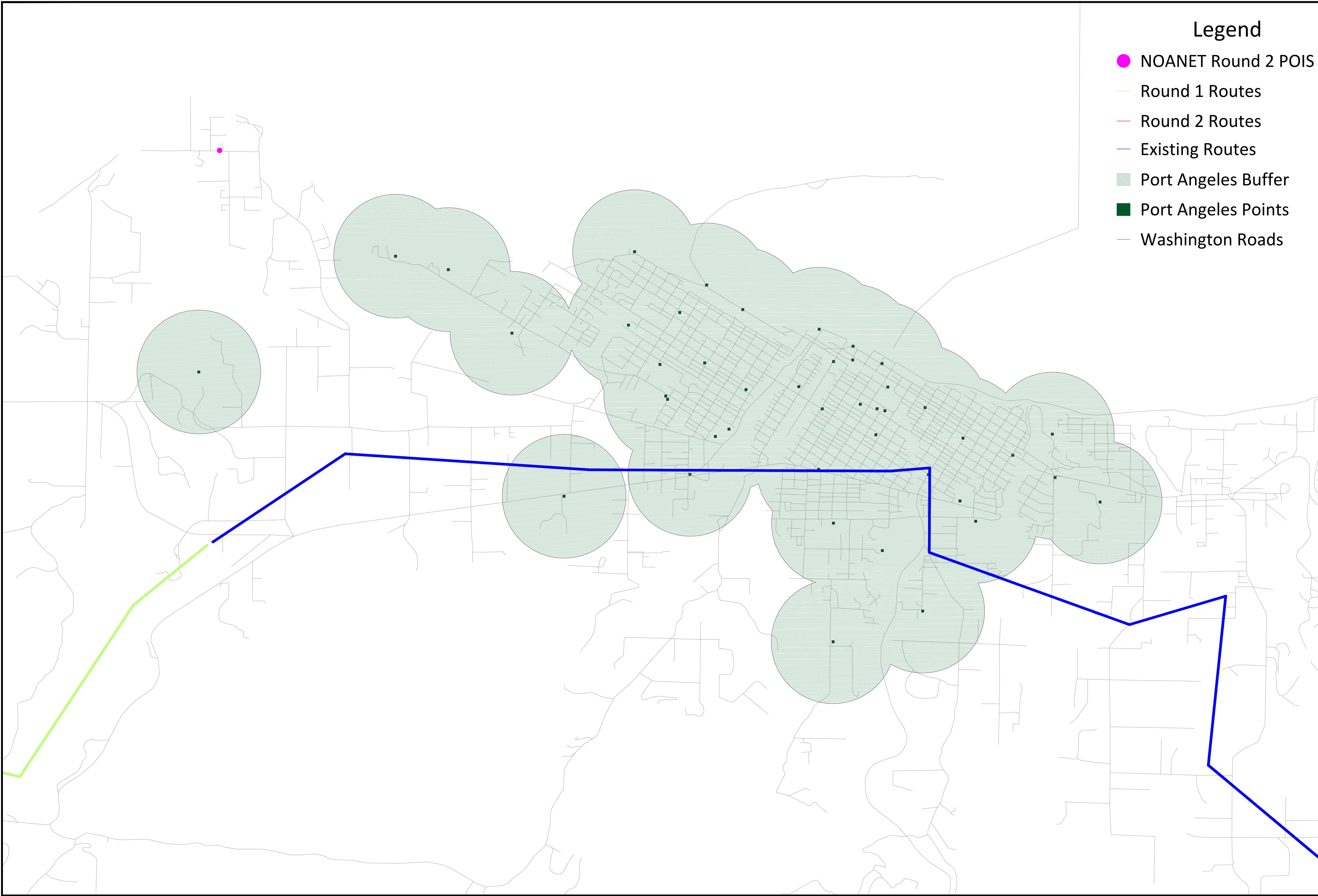
PROJECT NUMBER:

DESCRIPTION:
Construction Areas

MAP:

Key Map
1 OF 1





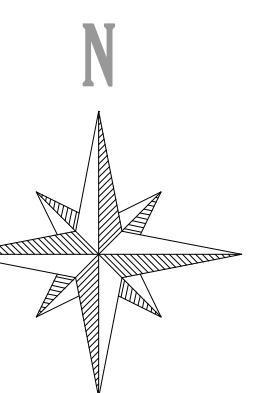
Legend

- NOANET Round 2 POIS
- Round 1 Routes
- Round 2 Routes
- Existing Routes
- Port Angeles Buffer
- Port Angeles Points
- Washington Roads

DATE CREATED: 3/22/2010

DATE REVISED: 5/25/2010

DRAWN BY: Keeton Walden



SCALE: NTS

COMPANY:
Northwest Open Access Network

SYSTEM:

PROJECT NUMBER:

DESCRIPTION:
Construction Areas

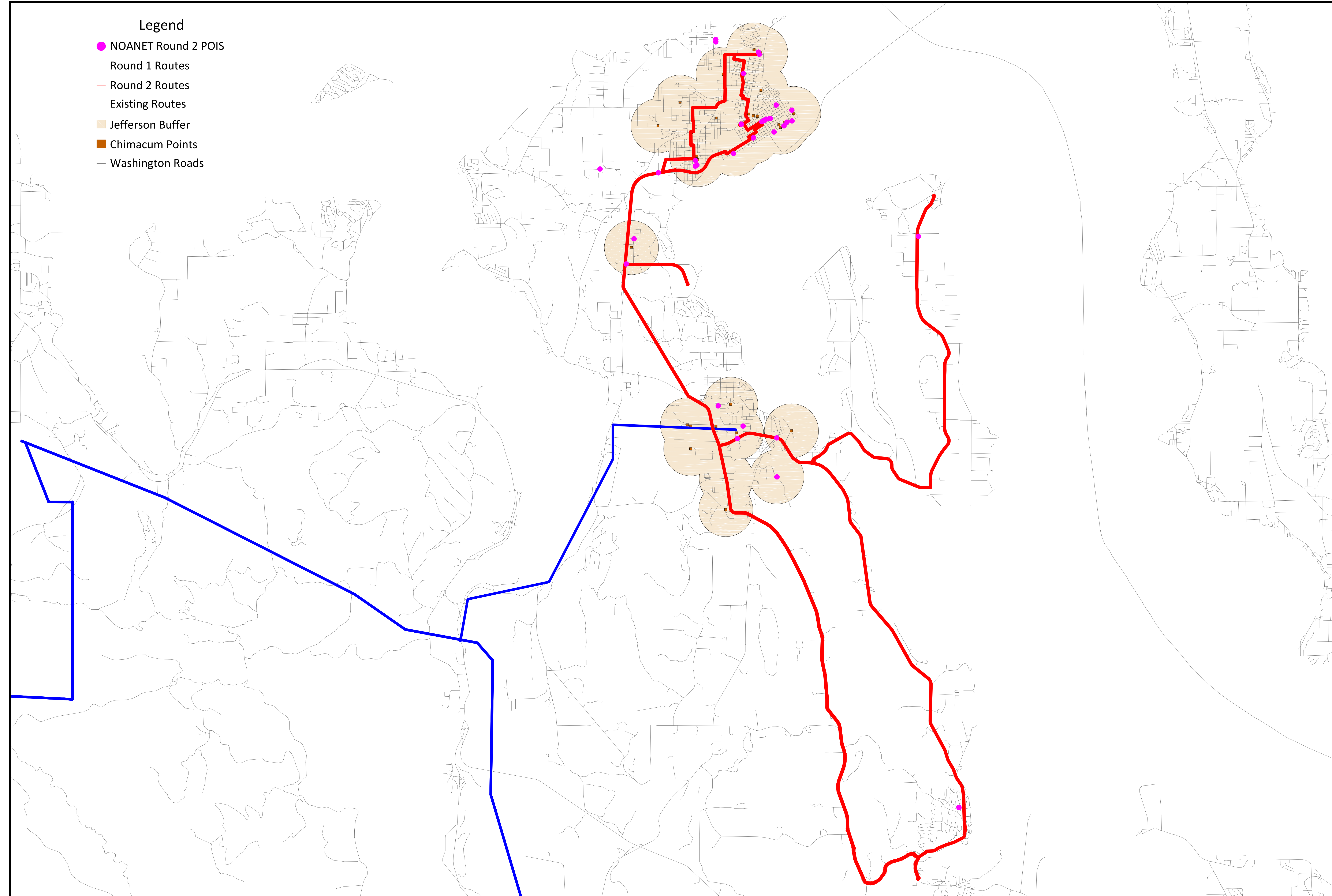
MAP:

Region 1
2 OF 3



Legend

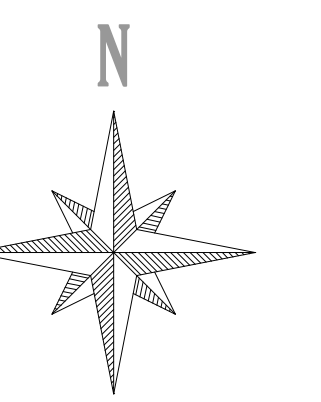
- NOANET Round 2 POIS
- Round 1 Routes
- Round 2 Routes
- Existing Routes
- Jefferson Buffer
- Chimacum Points
- Washington Roads



DATE CREATED: 3/22/2010

DATE REVISED: 5/25/2010

DRAWN BY: Keeton Walden



SCALE: NTS

COMPANY:
Northwest Open Access Network

SYSTEM:

PROJECT NUMBER:

DESCRIPTION:
Construction Areas

MAP:
Region 3
1 OF 1



Q 3&4 5376 NoaNet: Missing Network Information

Q 4 Request:

Please resubmit your Network Diagram with detailed location information (via geospatial mapping, GIS shape files, street address, or latitude/longitude) and clear depiction of all proposed Internet Peering Points, access to Local Exchange Carriers and the Central Offices you plan to connect to. Specifically, please include peering points and details.

Answer:

The attached network diagram illustrates the logical network proposed. It does not show the connections to anchor sites due to the number (285) involved. It shows current Internet peering points in Seattle at 2001 6th Ave, Portland at 721 SW Washington St and in Spokane at 422 Riverside Dr all the way to the neighborhood aggregation node. The diagram shows existing and new fiber routes. It also shows the capacity of the network segments based on the class of the PoP to be deployed. The network is 10 Gigabit deployed to all green and yellow class 1 and 2 PoPs and Gigabit to class 3 PoPs with potential to upgrade to 10 Gigabit as traffic grows, as described in the following:

The Network guiding principles are:

(1) Point of Presence (PoP) equipment is in one of three classes:

(a) Class 1: provides add/drop waves, provides multiple 10GE drops/uplinks, provides multiple 1GE drops, and L2E VLAN services

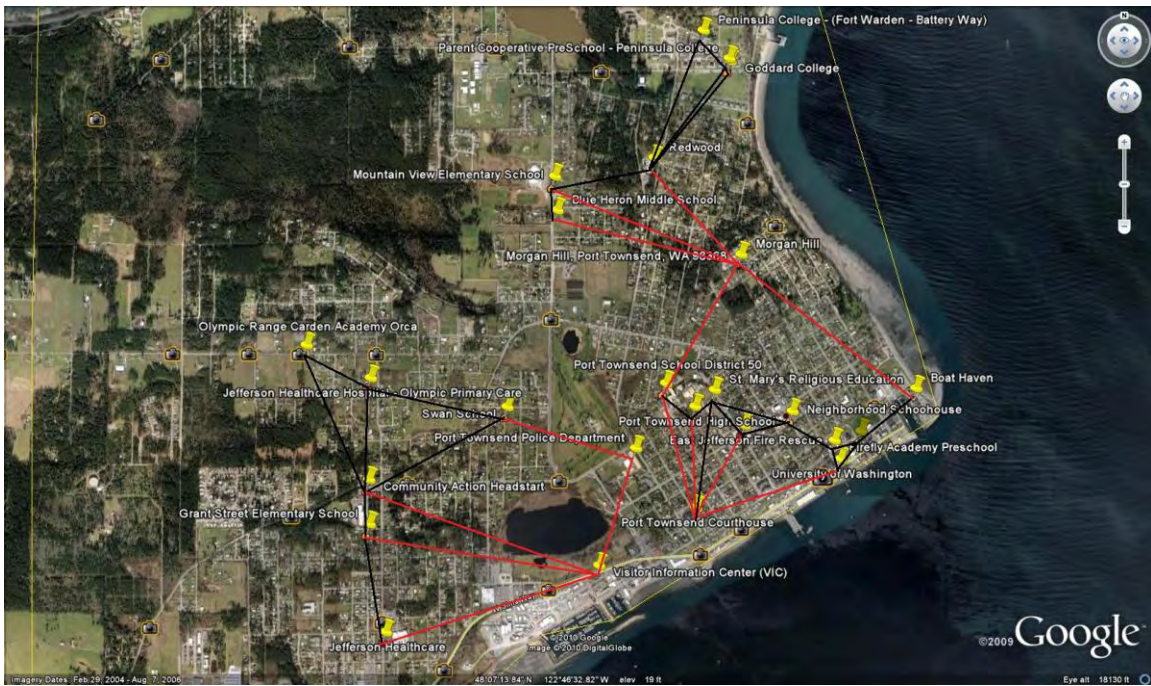
(b) Class 2: provides L2E VLAN services, and provides multiple 100 Mbps and 1GE drops/uplinks

(c) Class 3; provides L2 VLAN services and provides multiple 100 Mbps Ethernet drops

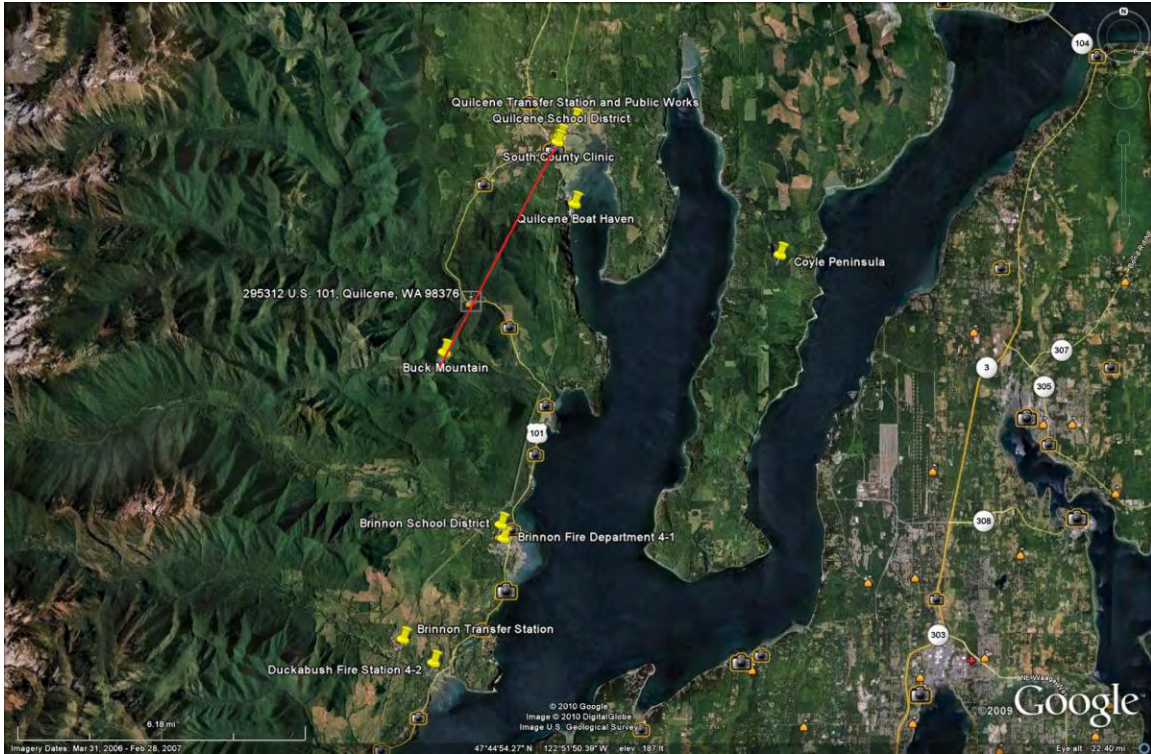
The WAP sections of the network are very difficult to show on a scale the size of Washington state. As a result the following pictures representing the north Jefferson tower locations, the north Jefferson mesh network including anchors which are participating in addition to the towers and then the south Jefferson locations for the wireless mesh project. The primary tower sites shown detail the major tower points. These sites provide the majority of coverage that will reach north into the state park areas. The mesh system relies not only on the towers but also on the participating anchor sites as well to ensure a robust design with resilient connections.



Tower sites

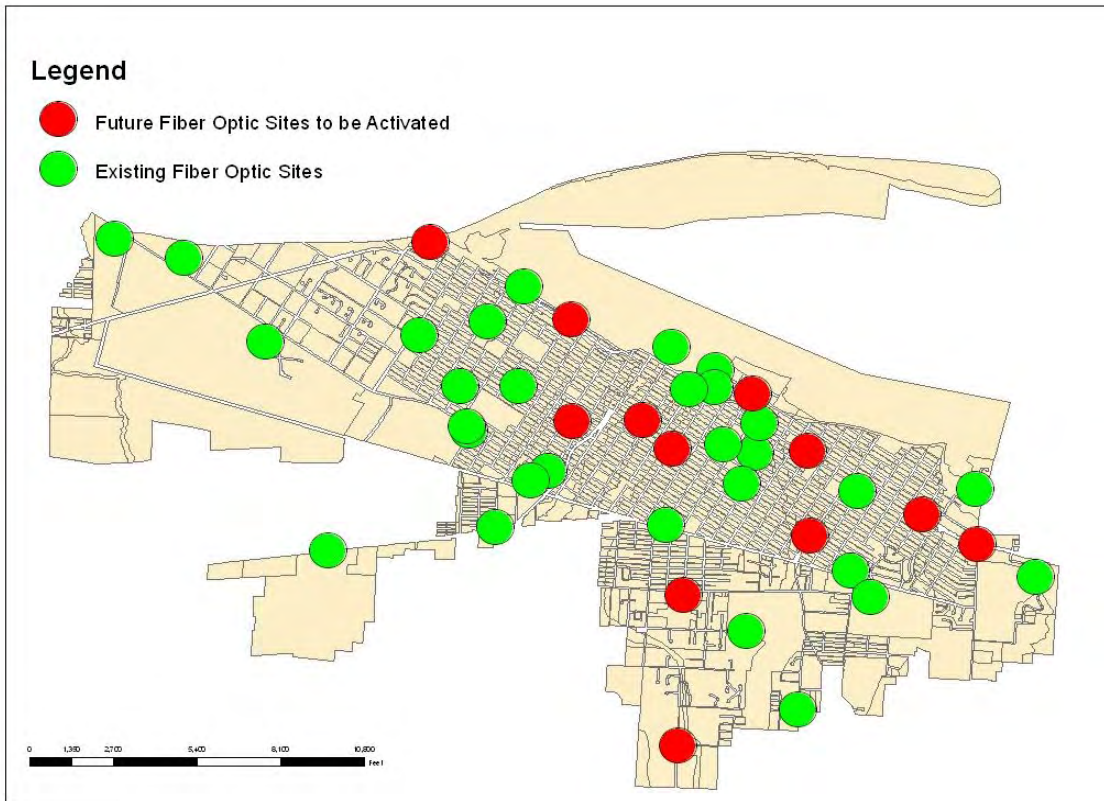


Design with Anchors



South Jefferson design with anchors.

The Port Angeles project is pictured as follows:



There are separate diagramfiles for the WAP for Port Angeles and Port Townsend area showing the proposed sites and coverage as an attachment, also the network is shown on the submitted map. These mesh networks tie to the overall project at the aggregation sites for Port Angeles , Brinnon and Port Hadlock. The capacity of the radio system is 200Mb over mesh with a dedicated public safety band as planned. Also attached is the network map which clearly shows the new construction mileages for each area.

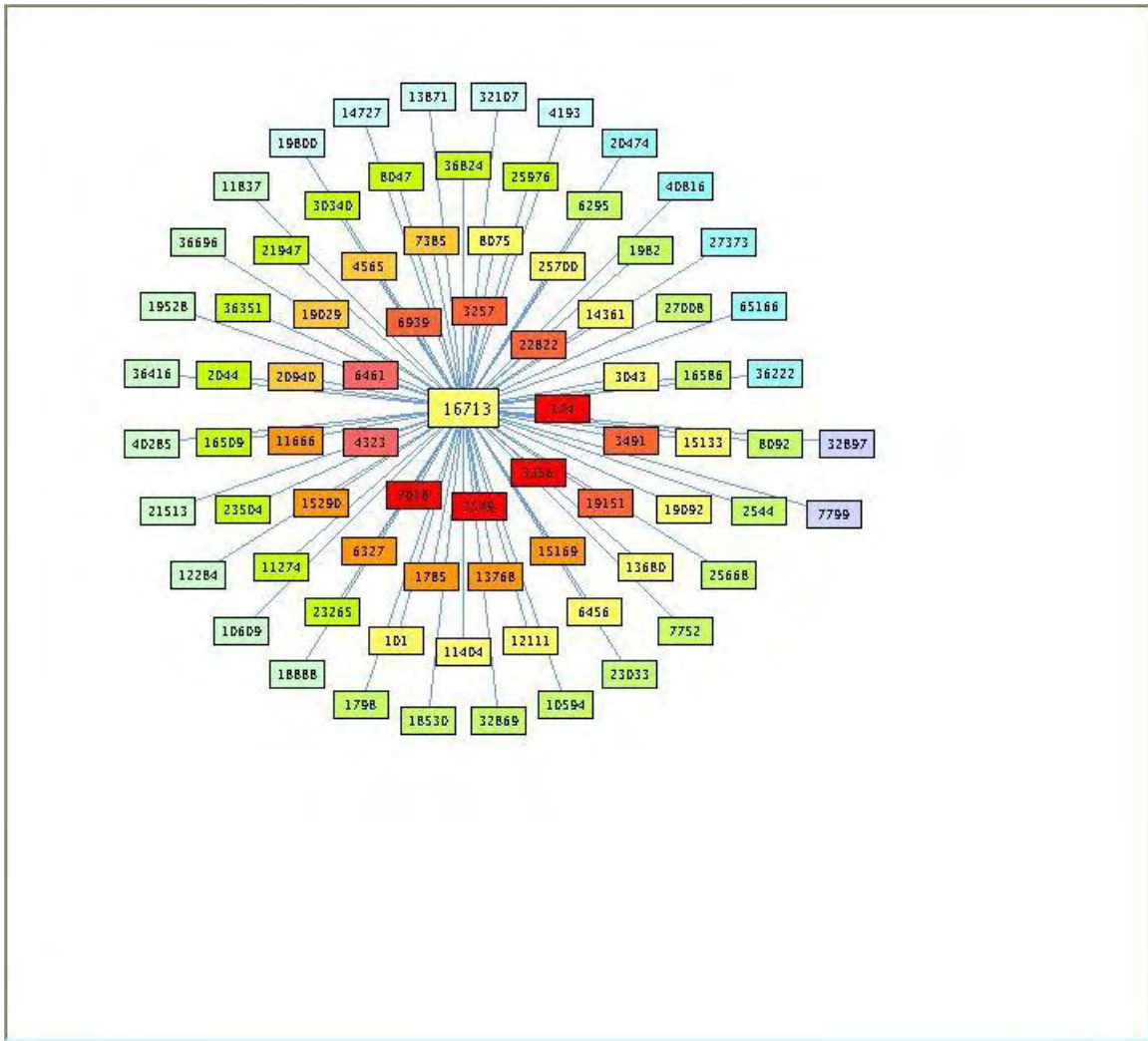
Attached also is the POI spreadsheet which gives the specifics of each POI site. Each Internet peering location in Seattle, Portland and Spokane is capable of multiple 10 gigabit peering interfaces. We currently have 10 Gigabit peering at Seattle with SIX, Tinet, Cogent and Google. We have Gigabit peering with AboveNet, AT&T World Services, and Microsoft. We also have Gigabit peering with SawNet, Clearwire, New Edge Networks and in Spokane we have Gigabit peering with One Eighty Networks and Tierpoint. Currently NoaNet peers with the following entities:

Adjacency Table for ASN 16713 (05/23/2010 - 05/24/2010)

asn	as name
101	University of Washington
174	Cogent Communications
1785	PaeTec Communications
1798	State of Oregon
1982	Northwest Nexus Inc.
2044	Infinity Internet
2544	King County Gov
3043	Internet Operating Services of AZ LLC
3257	Tinet SpA
3356	Level 3 Communications
3491	PCCW Global
3549	Global Crossing
4193	Department of Information Services
4323	tw telecom holdings
4565	MegaPath Networks Inc.
6295	Whidbey Internet Services
6327	Shaw Communications Inc.
6456	Altopia Corporation
6461	Abovenet Communications
6939	Hurricane Electric
7018	AT&T WorldNet Services
7385	Integra Telecom
7752	THRESHOLD COMMUNICATIONS
7799	Olypen
8047	GENERAL COMMUNICATION
8075	MICROSOFT
8092	Ygnition Networks
10594	Cutting Edge Communications
10609	Televar Northwest
11274	Adhost Internet Advertising
11404	vanoppen.biz LLC
11666	Nexicom Inc.
11837	SAWNET

12111 One Eighty Networks
Internet Professionals & Network
12284 Solutions
13680 City-Guide Internet Services Inc.
13768 Peer 1 Network Inc.
13871 Telebyte NW
14361 HopOne Internet Corporation
14727 Techline
15133 EdgeCast Networks
15169 Google Inc.
15290 Allstream Corp.
16509 Amazon.com
16586 Clearwire US LLC
16713 Northwest Open Access Network
18530 Isomedia Inc.
18888 ZILLOW
19029 New Edge Networks
19092 360Networks (USA) Inc.
19151 WV FIBER
19528 NetRiver INT LLC
19800 Grant County Public Utility District
20474 NCI Data.com
20940 Akamai Technologies European
21513 Epik Networks
21947 TransAria
22822 Limelight Networks
23033 Wowrack.com
23265 Pocketlnet
23504 Speakeasy
25668 Cipherkey Exchange Corp.
25700 2001 6th ave STE 3020
25976 MetroBridge Networks Corporation
27008 BendTel
27373 Douglas County PUD
30340 Tierpoint
32107 Wave Broadband
32869 Silver Star Telecom
Chelan County Public Utility District
32897 No.1
36222 WindWave Communications
36351 SoftLayer Technologies Inc.
36416 Clackamas Education Service District
36696 Open Access Network Services LLC
36824 Adtaq Internet
NORTHLAND CABLE TELEVISION
40285 INC.
40816 VMWare

Our peering relationships, graphically represented are as follows:



The network is interconnected with the incumbent at each of the sites in the attached POI table indicated under existing sites which are interconnect points. We expect to continue this design with incumbent and competitive providers in all new POI's as well.

Q 3 Request:

Please provide network diagrams and fiber route maps that indicate new or existing segments of the network infrastructure, (fiber, towers, etc) and identify numbers or distances of each type. Network diagrams should include color codes that clearly identify new construction (fiber, towers, etc) from existing network infrastructure. In the network diagram(s) please also provide detail which indicates the capacity of the network backbone, key network nodes/aggregation points, and endpoints with Last Mile networks and/or CAIs. Specifically, provide additional detail behind the two wireless tower locations as well as other referenced WAP locations.

Answer:

The attached diagram shows the detail concerning new or existing fiber infrastructure. The attached map details mileage within each project area. Each PoP is designated as

new or existing site and the capacity is defined based on the class of the PoP as defined above. The attached CAI list gives the addresses of each site. The CAI's are not shown on the network diagram due to the high number not allowing for a highly visible design but each CAI is connected with Gigabit uplink to the network. The WAP design and tower sites for Port Angeles and Jefferson county are shown in diagrams above. The site addresses are shown in the anchor and POI list attached. Many of the WAP sites are to be located on utility poles, at an average height of 25 feet, and on CAI buildings. Jefferson County has built 4 towers and will build two additional towers, which are 125 feet designs, with the new towers being 80 and 180 feet, the towers are self supporting and have a small communication building and generator on site as part of the design, to provide coverage for hard to reach terrain to ensure coverage for EMS services. These sites located in or near Port Townsend are shown on the maps above.



Budget Narrative

Applicant Name: Northwest Open Access Network

EasyGrants Number: 5376

Organization Type (from Question 1D on BTOP application): Non-Profit Corporation

Proposed Period of Performance: 2 Years from Date of Award – Anticipated Q4 2010 – Q3 2012

Total Project Costs: \$79,002,377

Total Federal Grant Request: \$55,280,797

Total Matching Funds (Cash): \$5,672,138

Total Matching Funds (In-Kind): \$18,049,442

Total Matching Funds (Cash + In-Kind): \$23,721,580

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 30.03%

1. Administrative and legal expenses

- List breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.

The estimated total for Administrative and Legal Expenses of **\$1,027,242** was based on a combination of cash matching funds and The State Business and Occupation Tax.

A cash match for the Administrative and legal fees has been provided by Port of Angeles for \$199,992. In addition to this cash match, \$827,250 is budgeted for Washington State Business and Occupation tax. This tax is based on gross revenues associated with the project. The Cash Match (\$199,992) plus taxes (\$827,250) equals the total of \$1,027,242. Administrative and legal expenses for similar projects were used to determine the personnel required.



- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

Table 1 Administration and legal Cash Matching

The Port of Angeles intends to provide a cash match for administration and legal fess support as follows:

Table 1 City of Port Angeles Direct Cash Matching

Position	Hours per Mo.	Length in Months	Rate per Hour	Extended Cost
City Project Manager	80	24	\$62.50	\$120,000
Saftey Coordinator	60	24	\$55.55	\$79,992
Total				\$199,992

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

2. Land, structures, rights-of-way, appraisals, etc.

- Provide description of estimated costs, proposed activites, and additional information as needed. The estimated costs of land, structures of **\$2,250,722** was based on typical costs in the area. Land prices are anticipated to remain stable for the proposed time of acquisition and project length. Structure prices were based on typical telecommunications standard buildings with backup power, HVAC and ground fields. Specifically 2 pre-fabricated huts (2x\$41,000 ea.= \$82,000) were required. The line items are specified in the Buildings section of the Detail of Project Costs. The remaining \$2,168,722 is provided as cash and in-kind matches as described below.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

NoaNet is providing a Cash match of \$150,000 for this project.



- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

In-Kind matching funds derived through planned use of preexisting facilities totaling the amount from each participate is described below in Table 2.

Table 2 Building Match

Contributor	In-Kind Match
NoaNet	\$572,484
North Central (Tonasket to lone) - NN, OKPUD, POPUD	\$523,450
Jefferson PUD/City of Port Townsend	\$400,000
Kitsap PUD	\$135,000
Black Rock Cable	\$61,200
Tulalip Tribe	\$46,340
SawNet/Clark	\$35,000
Benton PUD	\$185,108
Kalispel Tribe	\$10,140
Stevens PUD	\$50,000
Grand Total	\$2,018,722

These in-kind contributions represent the depreciated value of structures required for connecting the new network segments from the project into existing NoaNet structures either directly or through member networks. These structures are the locations where the new construction anticipated in the grant terminates and they are used to house electronics and fiber interconnections. This amount can is as indicated in the Buildings section of the Detail of Project Costs.

3. Relocation expenses and payment

- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.

N/A.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A



4. Architectural and engineering fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed. The Architecture and Engineering fees are **\$7,506,240**. This number is a percentage of the total of Engineering Design and Project Management Fees. The Engineering amount in Detail of Project Costs of \$3,811,854 was calculated to be based on 7.56% of the outside plant costs as shown in Table 3 (\$50,443,735 outside plant). The percentage of the project is a standard measurement of project cost and these percentages are based on industry standard based on similar projects of this size. An additional \$75,000 cash match has also been contributed to the engineering fees for a total of \$3,886,854. Project Management fees of \$3,619,386 are based on costs from similar projects. The total of these two line items (\$3,886,854 + \$3,619,386) is \$7,506,240.

Table 3 Engineering

Construction Type	Engineering	Total Construction
Aerial Fiber Plant		\$7,870,548
Underground Fiber Construction		\$22,378,822
Total Poles		\$1,473,373
MW Tower Construction		\$856,745
Total Match		\$16,551,484
Construction Adder for Rock		<u>\$1,312,763</u>
Total Construction		\$50,443,735
Total Engineering	7.56%	\$3,811,854

Project Management is based on the duration and size of the project determined by the experience of a third party project management company. Rates are based on typical direct expense project management and are shown in Table 4.

Table 4 Project Management Direct Expenses

Project Managers	Number	Hours per Month	Months	Rate	Total
Lead	1	160	24	\$175	\$672,000



Manager					
Construction PM	4	160	24	\$145	\$2,227,200
Equipment PM	2	160	18	\$125.0323	\$720,186
Total PM					\$3,619,386

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

The Port of Angeles intends to provide a cash match for Project Engineering Consultancy as follows in Table 5:

Table 5 Architectural and Engineering Fees

Title	Hours per Month	Months	Rate	Total
Project Engineering Consultancy	13.889	36	\$150	\$75,000
Total Cash Matching				\$75,000

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

5. Other architectural and engineering fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed. Other architectural and engineering fees were estimated to be **\$21,573**. This number represents the engineering fees associated with obtaining right-of-way in public easements and is based on costs associated with similar projects.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A



- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

6. Project inspection fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.

N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

7. Site work

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.

N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

8. Demolition and removal

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.

N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A



- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

9. Construction

- Provide description of estimated fees, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed. Construction costs of **\$52,903,256** were identified as the cost of construction materials, aerial and buried construction cost and are estimated based on comparable budgetary costs per mile from similar projects. The categories from the Detail of Project Costs for allocation are as follows:

Aerial Fiber Plant = 366.6 miles @ \$21,469.00 /mi =	\$ 7,870,548
Buried Fiber Plant = 144.2 miles @ \$155,192.90 /mi =	\$22,378,822
Rock Adder = 26.2 miles @ \$50,105.50 /mi =	\$1,312,763
Pole Make Ready = 937.1 poles @ \$112.8 /pole =	\$105,716
Pole Change Out = 440 poles @ \$3108.30 /pole =	\$1,367,657
MW Towers = 2ea. @ \$428,372.50	\$856,745
Fiber Installation Match =	\$123,201
Cash Construction Match =	\$4,026,409
In-Kind Construction Match =	\$12,401,875
Rights-of-Way Procurement Agents =	\$21,573
Building Permit =	\$1,200
WA State Sales Tax =	<u>\$2,437,947</u>
Construction Total	\$52,903,256

Fiber and cable costs are based on the following construction criteria that will be prepared in a standard RUS construction contract. These criteria include costs to accommodate extremely difficult terrain with narrow construction corridors, rock anticipated in the areas of construction path, pole make ready for aerial construction and managing the automobile and truck traffic around the construction activity. Double amored shielded cable is required due to gophers, birds and basalt rock to preserve the life of the cable. Also accounted for are factors involving increased labor costs and time to construct in “built-up” areas that can



be significantly more than building along open highways. Another factor that must be considered in the overall construction costs is the layout of the locations to be connected to the network. Many of these communities have limited options to reach them because mountains, rivers, etc. allow only one or two roads to these communities, often through very restricted conditions.

Aerial and underground construction costs include the following RUS based construction units for: cable placement, rock, cable duct, splicing, handholes, splice cases, fiber locate markers, strand, aerial storage devices, pole survey, pole make ready, and vaults. Microwave towers will require a site survey, path analysis, monopole structural analysis and tower erection. NoaNet anticipates that all the work will be performed by contractors awarded through a competitive bidding process with proven history in constructing similar projects, with sufficient cash flow, bonding capabilities, insurance and supervisory resources.

Provide description, calculation, and basis of evaluation for Cash Matching Funds.

Cash matching funds are anticipated to be applied to construction materials and will be purchased and the materials delivered as needed to the secure contractor warehouse facilities. A portion of the direct expense associated application preparation is being used as a cash contribution for construction. The Cash matching funds of \$4,149,610 came from the following entities:

Table 6 – Construction Cash Match

Contributor	Cash Match
North Central (Tonasket to Ione) - NN, OKPUD, POPUD	\$333,786
Jefferson PUD/City of Port Townsend	\$736,745
Kitsap PUD	\$197,569
SawNet/Clark	\$50,000
Benton PUD	\$348,813
Stevens PUD	\$124,000
Gates Foundation	\$1,500,000
Application Prep support	\$735,496
Sub-Total	\$4,026,409
City of Port Angeles Fiber Installation Charges for connections	\$123,201
Grand Total	\$4,149,610

Provide description, calculation, and basis of evaluation for In-Kind Matching Funds. In-

Kind matching funds derived through planned use of preexisting facilities totaling \$12,401,875 were contributed based on depreciated values of existing outside plant infrastructure provided by the entities in the following table.



Table 7 – Construction In-Kind Match

Contributor	In-Kind Match
North Central (Tonasket to lone) - NN, OKPUD, POPUD	\$2,985,000
Jefferson PUD/City of Port Townsend	\$783,093
Kitsap PUD	\$4,917,700
Pend Oreille	\$5,000
Black Rock Cable	\$1,468,800
Tulalip Tribe	\$357,480
SawNet/Clark	\$150,000
Benton PUD	\$1,369,802
Stevens PUD	\$80,000
Application Prep support	\$285,000
Grand Total	\$12,401,875

These numbers represent the summary allocation of the sub recipients’ in-kind contribution by the class of assets as shown in the Detail of Project Costs outside Plant section. These depreciated outside plant assets are to be made available by the entities and do not affect the construction fees. These in-kind contributions represent the depreciated value of outside plant required for connecting the new network segments from the project into existing NoaNet structures through these networks. A portion of the direct expense associated application preparation is being used as in-kind support for construction.

10. Equipment

- Provide list of equipment with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.

The total equipment list for **\$15,239,344** includes the following items: Switching (9 nodes @ \$10,223 ea.= \$92,007); Edge Routers (2 units @ 44,745 = \$89,490); Mesh Wireless Access Points (240 nodes @ \$15,451.654166667 ea.= \$3,708,397); Public Safety wireless mobile VPN solution \$25,339); Mesh Network Management Server (\$57,800); End User Equipment (144 units @ \$3,254.166666667 ea. = \$468,600); Layer 3 equipment applications including switches (10 units @ \$40,653 ea.) and routers (4 units @ \$59,692.50 ea. totaling \$645,300); Layer 1 Equipment, Dense Wave Division Multiplexing equipment to support the multiple 10 gigabit network requirements for the CAI (21 units @ \$101,122.619047619 ea., 5 waves @ \$135,525 ea. totaling \$2,801,200); Layer 2 Switching Equipment (285 units CPE @ \$935.021052632 ea. and 48 access and core units @ \$29,886.4375 ea. totaling \$1,701,030); and Microwave Radios, Licenses, Antennas and Mounting (9 unit pairs @ \$108,644.44444444 ea. Totaling \$977,800). A combined cash match (\$1,043,536) is provided as well as existing operating equipment (\$3,628,845) provided as an In-Kind match. These items are shown on the Detail of Project Costs under Network and



Access Equipment (\$13,818,063), Customer Premise Equipment (\$1,363,481) and Billing Support and Operations Support Systems (\$57,800) and are based on costs derived from similar projects. NoaNet anticipates that all the equipment will be purchased through a procurement process from contractors awarded through a bidding process with proven history in similar projects, with sufficient cash flow, bonding capabilities, insurance and supervisory resources.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

The Port of Angeles intends to provide a cash match for equipment as follows in Table 8:

Table 8 Port of Angeles Equipment Cash Match

Title	Total
Public Safety VPN Solution	\$16,136
Public Safety Mobile Wireless Routers	\$428,400
Residential Wireless CPE	\$168,000
Residential Wireless CPE Spares	\$32,000
Total Cash Matching	\$644,536

Table 9 shows the cash matches for equipment from all the sub recipients.

Table 9 – Total Cash Match for Equipment

Participate	Total
NoaNet	\$150,000
Kitsap PUD	\$105,000
SawNet/Clark	\$18,000
Stevens PUD	\$126,000
Port of Angeles	\$644,536
Total Cash Matching	\$1,043,536



- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

In-Kind matching funds derived through planned use of pre-existing facilities total \$3,628,845 which is the summary of contributions from participants. The equipment in-kind contributions are listed under Equipment Other Existing Equipment. The contributions for NoaNet of \$1,717,683, North Central of \$1,071,550, Kitsap PUD of \$125,000, Pend Oreille of \$25,100, Tulalip Tribe of \$258,180, SawNet/Clark of \$65,000, ESD-105 of \$24,959, Benton PUD of \$296,173, and Kalispel Tribe of \$45,200 are the depreciated equipment assets that are to be made available by the entities and do not affect the direct equipment fees. These in-kind contributions represent the depreciated value of electronics equipment required for connecting the high capacity bandwidth in the new network segments from the project into existing NoaNet bandwidth infrastructure.

11. Miscellaneous

- Provide additional information as needed. Miscellaneous costs of \$54,000 are identified as the eligible cost of preparation of the BTOP application per the NOFA. These are actual costs based on direct billing for preparation of the BTOP grant application and are shown in the Detail of Project Costs under Professional Services.

- Provide description, calculation, and basis of evaluation of Cash Matching Funds.

The City of Port Angeles intends to provide a cash match for grant application consultant support as follows in Table 10:

Table 10 City of Port Angeles Cash Match for Grant Application Development

Title	Hours per Month	Months	Rate	Total
Grant Application Consultancy Support	10	36	\$150	\$54,000
Total Cash Matching				\$54,000

Provide description, calculation, and basis of evaluation of In-Kind Matching Funds.

N/A

Addendum



- **If indirect costs (i.e., indirect, overhead, general and administrative, facilities and administration, etc.) and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.**

There are no indirect costs included the project budget.



Budget Narrative

Applicant Name: Northwest Open Access Network

EasyGrants Number: 5376

Organization Type (from Question 1D on BTOP application): Non-Profit Corporation

Proposed Period of Performance: 2 Years from Date of Award – Anticipated Q4 2010 – Q3 2012

Total Project Costs: \$77,998,901

Total Federal Grant Request: \$54,452,347

Total Matching Funds (Cash): \$5,497,112

Total Matching Funds (In-Kind): \$18,049,442

Total Matching Funds (Cash + In-Kind): \$23,546,554

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 30.19%

1. Administrative and legal expenses

- List breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.



The estimated total for Administrative and Legal Expenses of **\$199,992** was based on a combination of cash matching funds

A cash match for the Administrative and legal fees has been provided by Port of Angeles for \$199,992. The Cash Match (\$199,992) equals the total of \$199,992. Administrative and legal expenses for similar projects were used to determine the personnel required.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

Table 1 Administration and legal Cash Matching

The Port of Angeles intends to provide a cash match for administration and legal fees support as follows:

Table 1 City of Port Angeles Direct Cash Matching

Position	Hours per Mo.	Length in Months	Rate per Hour	Extended Cost
City Project Manager	80	24	\$62.50	\$120,000
Safety Coordinator	60	24	\$55.55	\$79,992
Total				\$199,992

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

2. Land, structures, rights-of-way, appraisals, etc.

- Provide description of estimated costs, proposed activities, and additional information as needed. The estimated costs of land, structures of **\$2,100,722** was based on typical costs in the area. Land prices are anticipated to remain stable for the proposed time of acquisition and project length. Structure prices were based on typical telecommunications standard buildings with backup power, HVAC and ground fields. Specifically 2 pre-fabricated huts (2x\$41,000 ea.= \$82,000) were required.



The line items are specified in the Buildings section of the Detail of Project Costs. The remaining \$2,018,722 is provided as cash and in-kind matches as described below.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

In-Kind matching funds derived through planned use of preexisting facilities totaling the amount from each participate is described below in Table 2.

Table 2 Building Match

Contributor	In-Kind Match
NoaNet	\$572,484
North Central (Tonasket to lone) - NN, OKPUD, POPUD	\$523,450
Jefferson PUD/City of Port Townsend	\$400,000
Kitsap PUD	\$135,000
Black Rock Cable	\$61,200
Tulalip Tribe	\$46,340
SawNet/Clark	\$35,000
Benton PUD	\$185,108
Kalispel Tribe	\$10,140
Stevens PUD	\$50,000
Grand Total	\$2,018,722

These in-kind contributions represent the depreciated value of structures required for connecting the new network segments from the project into existing NoaNet structures either directly or through member networks. These structures are the locations where the new construction anticipated in the grant terminates and they are used to house electronics and fiber interconnections. This amount can is as indicated in the Buildings section of the Detail of Project Costs.

3. Relocation expenses and payment

- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.
N/A.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A



- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

4. Architectural and engineering fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed. The Architecture and Engineering fees are **\$7,506,240**. This number is a percentage of the total of Engineering Design and Project Management Fees. The Engineering amount in Detail of Project Costs of \$3,811,854 was calculated to be based on 7.56% of the outside plant costs as shown in Table 3 (\$50,443,735 outside plant). The percentage of the project is a standard measurement of project cost and these percentages are based on industry standard based on similar projects of this size. An additional \$75,000 cash match has also been contributed to the engineering fees for a total of \$3,886,854. Project Management fees of \$3,619,386 are based on costs from similar projects. The total of these two line items (\$3,886,854 + \$3,619,386) is \$7,506,240.

Table 3 Engineering

Construction Type	Engineering	Total Construction
Aerial Fiber Plant		\$7,870,548
Underground Fiber Construction		\$22,378,822
Total Poles		\$1,473,373
MW Tower Construction		\$856,745
Total Match		\$16,551,484
Construction Adder for Rock		<u>\$1,312,763</u>
Total Construction		\$50,443,735
Total Engineering	7.56%	\$3,811,854

Project Management is based on the duration and size of the project determined by the experience of a third party project management company. Rates are based on typical direct expense project management and are shown in Table 4.

Table 4 Project Management Direct Expenses



Project Managers	Number	Hours per Month	Months	Rate	Total
Lead Manager	1	160	24	\$175	\$672,000
Construction PM	4	160	24	\$145	\$2,227,200
Equipment PM	2	160	18	\$125.0323	\$720,186
Total PM					\$3,619,386

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

The Port of Angeles intends to provide a cash match for Project Engineering Consultancy as follows in Table 5:

Table 5 Architectural and Engineering Fees

Title	Hours per Month	Months	Rate	Total
Project Engineering Consultancy	13.889	36	\$150	\$75,000
Total Cash Matching				\$75,000

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

5. Other architectural and engineering fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed. Other architectural and engineering fees were estimated to be **\$21,573**. This number represents the engineering fees associated



with obtaining right-of-way in public easements and is based on costs associated with similar projects.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

6. Project inspection fees

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.

N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

7. Site work

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.

N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

8. Demolition and removal

- Provide description of estimated fees, explanation of proposed services, and additional information as needed.



N/A

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

N/A

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

N/A

9. Construction

- Provide description of estimated fees, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed. Construction costs of \$52,877,030 were identified as the cost of construction materials, aerial and buried construction cost and are estimated based on comparable budgetary costs per mile from similar projects. The categories from the Detail of Project Costs for allocation are as follows:

Aerial Fiber Plant = 366.6 miles @ \$21,469.034369885 /mi =	\$ 7,870,548
Buried Fiber Plant = 144.2 miles @ \$155,192.940360610 /mi =	\$22,378,822
Rock Adder = 26.2 miles @ \$50,105.458015267 /mi =	\$1,312,763
Pole Make Ready = 937.1 poles @ \$112.811866396 /pole =	\$105,716
Pole Change Out = 440 poles @ \$3,108.311363636 /pole =	\$1,367,657
MW Towers = 2ea. @ \$389,347.50	\$778,695
MW Building Attachments = 8ea. @ \$9,606.25	\$76,850
Fiber Installation Match =	\$123,201
Cash Construction Match =	\$4,001,383
In-Kind Construction Match =	\$12,401,875
Rights-of-Way Procurement Agents =	\$21,573
WA State Sales Tax =	<u>\$2,437,947</u>
Construction Total	\$52,877,030

Fiber and cable costs are based on the following construction criteria that will be prepared in a standard RUS construction contract. These criteria include costs to accommodate



extremely difficult terrain with narrow construction corridors, rock anticipated in the areas of construction path, pole make ready for aerial construction and managing the automobile and truck traffic around the construction activity. Double amored shielded cable is required due to gophers, birds and basalt rock to preserve the life of the cable. Also accounted for are factors involving increased labor costs and time to construct in “built-up” areas that can be significantly more than building along open highways. Another factor that must be considered in the overall construction costs is the layout of the locations to be connected to the network. Many of these communities have limited options to reach them because mountains, rivers, etc. allow only one or two roads to these communities, often through very restricted conditions.

Aerial and underground construction costs include the following RUS based construction units for: cable placement, rock, cable duct, splicing, handholes, splice cases, fiber locate markers, strand, aerial storage devices, pole survey, pole make ready, and vaults. Microwave towers will require a site survey, path analysis, monopole structural analysis and tower erection. NoaNet anticipates that all the work will be performed by contractors awarded through a competitive bidding process with proven history in constructing similar projects, with sufficient cash flow, bonding capabilities, insurance and supervisory resources.

Provide description, calculation, and basis of evaluation for Cash Matching Funds.

Cash matching funds are anticipated to be applied to construction materials and will be purchased and the materials delivered as needed to the secure contractor warehouse facilities. A portion of the direct expense associated application preparation is being used as a cash contribution for construction. The Cash matching funds of \$4,124,584 came from the following entities:

Table 6 – Construction Cash Match

Contributor	Cash Match
North Central (Tonasket to lone) - NN, OKPUD, POPUD	\$333,786
Jefferson PUD/City of Port Townsend	\$736,745
Kitsap PUD	\$197,569
SawNet/Clark	\$50,000
Benton PUD	\$348,813
Stevens PUD	\$124,000
Gates Foundation	\$1,500,000
Application Prep support	\$710,470
Sub-Total	\$4,001,383
City of Port Angeles Fiber Installation Charges for connections	\$123,201
Grand Total	\$4,124,584



Provide description, calculation, and basis of evaluation for In-Kind Matching Funds. In-Kind matching funds derived through planned use of preexisting facilities totaling \$12,401,875 were contributed based on depreciated values of existing outside plant infrastructure provided by the entities in the following table.

Table 7 – Construction In-Kind Match

Contributor	In-Kind Match
North Central (Tonasket to lone) - NN, OKPUD, POPUD	\$2,985,000
Jefferson PUD/City of Port Townsend	\$783,093
Kitsap PUD	\$4,917,700
Pend Oreille	\$5,000
Black Rock Cable	\$1,468,800
Tulalip Tribe	\$357,480
SawNet/Clark	\$150,000
Benton PUD	\$1,369,802
Stevens PUD	\$80,000
Application Prep support	\$285,000
Grand Total	\$12,401,875

These numbers represent the summary allocation of the sub recipients’ in-kind contribution by the class of assets as shown in the Detail of Project Costs outside Plant section. These depreciated outside plant assets are to be made available by the entities and do not affect the construction fees. These in-kind contributions represent the depreciated value of outside plant required for connecting the new network segments from the project into existing NoaNet structures through these networks. A portion of the direct expense associated application preparation is being used as in-kind support for construction.

10. Equipment

- Provide list of equipment with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.

The total equipment list for **\$15,239,344** includes the following items: Switching (9 nodes @ \$10,223 ea.= \$92,007); Edge Routers (2 units @ 44,745 = \$89,490); Mesh Wireless Access Points (240 nodes @ \$15,451.654166667 ea.= \$3,708,397); Public Safety wireless mobile VPN solution (\$25,339); Mesh Network Management Server (\$57,800); End User Equipment (144 units @ \$3,254.166666667 ea. = \$468,600); Layer 3 equipment applications including switches (10 units @ \$40,653 ea.) and routers (4 units @ \$59,692.50 ea. totaling \$645,300); Layer 1 Equipment, Dense Wave Division Multiplexing equipment to support the multiple 10 gigabit network requirements for the CAI (21 units @ \$101,122.619047619 ea., 5 waves @ \$135,525 ea. totaling \$2,801,200); Layer 2 Switching Equipment (285 units CPE @ \$935.021052632 ea. and 48 access and core units @



\$29,886.4375 ea. totaling \$1,701,030); and Microwave Radios, Licenses, Antennas and Mounting (9 unit pairs @ \$108,644.44444444 ea. Totaling \$977,800). A combined cash match (\$1,043,536) is provided as well as existing operating equipment (\$3,628,845) provided as an In-Kind match. These items are shown on the Detail of Project Costs under Network and Access Equipment (\$13,818,063), Customer Premise Equipment (\$1,363,481) and Billing Support and Operations Support Systems (\$57,800) and are based on costs derived from similar projects. NoaNet anticipates that all the equipment will be purchased through a procurement process from contractors awarded through a bidding process with proven history in similar projects, with sufficient cash flow, bonding capabilities, insurance and supervisory resources.

- Provide description, calculation, and basis of evaluation for Cash Matching Funds.

The Port of Angeles intends to provide a cash match for equipment as follows in Table 8:

Table 8 Port of Angeles Equipment Cash Match

Title	Total
Public Safety VPN Solution	\$16,136
Public Safety Mobile Wireless Routers	\$428,400
Residential Wireless CPE	\$168,000
Residential Wireless CPE Spares	\$32,000
Total Cash Matching	\$644,536

Table 9 shows the cash matches for equipment from all the sub recipients.

Table 9 – Total Cash Match for Equipment

Participate	Total
NoaNet	\$150,000
Kitsap PUD	\$105,000
SawNet/Clark	\$18,000
Stevens PUD	\$126,000



Port of Angeles	\$644,536
Total Cash Matching	\$1,043,536

- Provide description, calculation, and basis of evaluation for In-Kind Matching Funds.

In-Kind matching funds derived through planned use of pre-existing facilities total \$3,628,845 which is the summary of contributions from participants. The equipment in-kind contributions are listed under Equipment Other Existing Equipment. The contributions for NoaNet of \$1,717,683, North Central of \$1,071,550, Kitsap PUD of \$125,000, Pend Oreille of \$25,100, Tulalip Tribe of \$258,180, SawNet/Clark of \$65,000, ESD-105 of \$24,959, Benton PUD of \$296,173, and Kalispel Tribe of \$45,200 are the depreciated equipment assets that are to be made available by the entities and do not affect the direct equipment fees. These in-kind contributions represent the depreciated value of electronics equipment required for connecting the high capacity bandwidth in the new network segments from the project into existing NoaNet bandwidth infrastructure.

11. Miscellaneous

- Provide additional information as needed. Miscellaneous costs of \$54,000 are identified as the eligible cost of preparation of the BTOP application per the NOFA. These are actual costs based on direct billing for preparation of the BTOP grant application and are shown in the Detail of Project Costs under Professional Services.

- Provide description, calculation, and basis of evaluation of Cash Matching Funds.

The City of Port Angeles intends to provide a cash match for grant application consultant support as follows in Table 10:

Table 10 City of Port Angeles Cash Match for Grant Application Development

Title	Hours per Month	Months	Rate	Total
Grant Application Consultancy Support	10	36	\$150	\$54,000
Total Cash Matching				\$54,000



Provide description, calculation, and basis of evaluation of In-Kind Matching Funds.

N/A

Addendum

- **If indirect costs (i.e., indirect, overhead, general and administrative, facilities and administration, etc.) and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.**

There are no indirect costs included the project budget.

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$9,774,082	\$415,136	\$3,628,845	\$13,818,063	\$6,409,723.00	\$7,408,340.00	\$13,818,063
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$33,892,251	\$4,149,610	\$12,401,875	\$50,443,736	\$123,201.00	\$50,320,535.00	\$50,443,736
Buildings and Land – (new construction, improvements, renovations, lease)	\$103,573	\$150,000	\$2,018,722	\$2,272,295	\$0.00	\$2,272,295.00	\$2,272,295
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)	\$735,081	\$628,400	\$0	\$1,363,481	\$720,800.00	\$642,681.00	\$1,363,481
Billing and Operational Support Systems (IT systems, software, etc.)	\$57,800	\$0	\$0	\$57,800	\$57,800.00	\$0.00	\$57,800
Operating Equipment (vehicles, office equipment, other)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$7,452,813	\$328,992	\$0	\$7,781,805	\$328,992.00	\$7,452,813.00	\$7,781,805
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Site Preparation		\$0	\$0	\$0	\$0.00		\$0
Other	\$3,265,197	\$0	\$0	\$3,265,197	\$0.00	\$3,265,197.00	\$3,265,197
TOTAL BROADBAND SYSTEM:	\$55,280,797	\$5,672,138	\$18,049,442	\$79,002,377	\$7,640,516	\$71,361,861	\$79,002,377
Cost Share Percentage:	69.97%	7.18%	22.85%				

DETAIL OF PROJECT COSTS

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT					\$13,818,063.00	\$6,409,723.00	\$7,408,340.00	\$13,818,063.00		
Switching	City Anchor Site/Base Station Switch		\$10,223.00	9	\$ 92,007	\$ 46,003	\$ 46,004	\$92,007	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Routing	City Core Site Edge Router		\$44,745.00	2	\$ 89,490	\$ -	\$ 89,490	\$89,490	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Transport	Layer 1 CAI Equipment		#####	21	\$ 2,123,575	\$ -	\$ 2,123,575	\$2,123,575	10. Equipment	Based on recent quotes
	Layer 1 DWDM wavelength equip		#####	5	\$ 677,625	\$ -	\$ 677,625	\$677,625	10. Equipment	Based on recent quotes
	Layer 3 Switches		\$40,653.00	10	\$ 406,530	\$ -	\$ 406,530	\$406,530	10. Equipment	Based on recent quotes
	Layer 3 Routers		\$59,692.50	4	\$ 238,770	\$ -	\$ 238,770	\$238,770	10. Equipment	Based on recent quotes
	Microwave Radios		#####	9	\$ 977,800	\$ -	\$ 977,800	\$977,800	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
Access	Mesh Wireless Access Point (WAP)		\$15,451.65	240	\$ 3,708,397	\$ 2,294,400	\$ 1,413,997	\$3,708,397	10. Equipment	Based on recent quotes
	Layer 2 Access and Core Equip		\$29,886.44	48	\$ 1,434,549	\$ -	\$ 1,434,549	\$1,434,549	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
Other	Public Safety wireless mobile VPN solution		\$25,339.00	1	\$ 25,339	\$ 25,339	\$ -	\$25,339	10. Equipment	Based on recent quotes
	Equipment Match Cash	Cash Match	#####	1	\$ 399,000	\$ 399,000	\$ -	\$399,000	10. Equipment	Cash Match
	Equipment Match In-Kind	In-kind Match	\$3,628,845.00	1	\$ 3,628,845	\$ 3,628,845	\$ -	\$3,628,845	10. Equipment	In-Kind Match
	Public Safety wireless mobile VPN sol	Cash Match	\$16,136.00	1	\$ 16,136	\$ 16,136	\$ -	\$16,136	10. Equipment	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
OUTSIDE PLANT					\$50,443,736.00	\$123,201.00	\$50,320,535.00	\$50,443,736.00		
Cables	Aerial Fiber Plant		21,469.0	366.6	\$ 7,870,548	\$ -	\$ 7,870,548	\$7,870,548	9. Construction	Derived from recent projects
	Buried Fiber Plant		155,192.9	144.2	\$ 22,378,822	\$ -	\$ 22,378,822	\$22,378,822	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
Conduits				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Ducts	Buried duct			0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Poles	Make-Ready Poles		112.8	937.1	\$ 105,716	\$ -	\$ 105,716	\$105,716	9. Construction	Derived from recent projects
	Change-out Pole		3,108.3	440.0	\$ 1,367,657	\$ -	\$ 1,367,657	\$1,367,657	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
Towers	MW Tower		389347.5	2	\$ 778,695	\$ -	\$ 778,695	\$778,695	9. Construction	Derived from recent projects
	MW Building Attachments		9606.25	8	\$ 76,850	\$ -	\$ 76,850	\$76,850	9. Construction	
				0	\$ -	\$ -	\$ -	\$0		
Repeaters				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	Fiber Installation Charge for connection	Cash Match	13,689.0	9	\$ 123,201	\$ 123,201	\$ -	\$123,201	9. Construction	Cash Match
	OSP Match Cash	Cash Match	4,026,409.0	1	\$ 4,026,409	\$ -	\$ 4,026,409	\$4,026,409	9. Construction	Cash Match
	OSP Match In-Kind	In-kind Match	12,401,875.0	1	\$ 12,401,875	\$ -	\$ 12,401,875	\$12,401,875	9. Construction	In-Kind Match

Rock		50,105.5	26.2	\$ 1,312,763	\$ -	\$ 1,312,763	\$1,312,763	9. Construction	Derived from recent projects
Building Permit		1200	1	\$ 1,200	\$ -	\$ 1,200	\$1,200	9. Construction	

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
BUILDINGS					\$2,272,295.00	\$0.00	\$2,272,295.00	\$2,272,295.00		
New Construction				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Pre-Fab Huts	Pre fabs for MW		41000	2	\$ 82,000	\$ -	\$ 82,000	\$82,000	2. Land, structures	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Improvements &				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	Site Land			0	\$ -	\$ -	\$ -	\$0	2. Land, structures	
	ROW Land			0	\$ 21,573	\$ -	\$ 21,573	\$21,573	5. Other archit. and eng	Derived from recent projects
	Buildings Match Cash	Cash Match	150,000.0	1	\$ 150,000	\$ -	\$ 150,000	\$150,000	2. Land, structures	Cash Match
	Buildings Match In-Kind	In-kind Match	2,018,722.0	1	\$ 2,018,722	\$ -	\$ 2,018,722	\$2,018,722	2. Land, structures	In-Kind Match
				0	\$ -	\$ -	\$ -	\$0		
CUSTOMER PREMISE EQUIPMENT					\$1,363,481.00	\$720,800.00	\$642,681.00	\$1,363,481.00		
Modems				0	\$ -	\$ -	\$ -	\$0		
	Public Safety mobile wireless routers	Cash Match	3,600.0	119	\$ 428,400	\$ 428,400	\$ -	\$428,400	10. Equipment	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
	Residential Wireless CPE	Cash Match	210.0	800	\$ 168,000	\$ 168,000	\$ -	\$168,000	10. Equipment	Cash Match
Residential Wireless CPE spares	Cash Match	160.0	200	\$ 32,000	\$ 32,000	\$ -	\$32,000	10. Equipment	Cash Match	
Set Top Boxes				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Inside Writing				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	End-User Gear		3,254.2	144	\$ 468,600	\$ 92,400	\$ 376,200	\$468,600	10. Equipment	Derived from recent projects
	Layer 2 CPE		935.0	285	\$ 266,481	\$ -	\$ 266,481	\$266,481	10. Equipment	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS					\$57,800.00	\$57,800.00	\$0.00	\$57,800.00		
Billing Support				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Customer Care				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other Support	Mesh Wireless Network Management and Monitoring	\$	57,800.0	1	\$ 57,800	\$ 57,800	\$ -	\$57,800	10. Equipment	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
OPERATING EQUIPMENT										
					\$0	\$0	\$0	\$0		
Vehicles				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Office Equipment				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
					\$7,781,805.00	\$328,992.00	\$7,452,813.00	\$7,781,805.00		
Engineering	Project Engineering		3,811,854.0	1	\$ 3,811,854	\$ -	\$ 3,811,854	\$3,811,854	4. Architectural and eng	Derived from recent projects
	Project Engineering Consultancy (Hour	Cash Match	150.0	500	\$ 75,000	\$ 75,000	\$ -	\$75,000	4. Architectural and eng	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Project	Project Management		3,619,386.0	1	\$ 3,619,386	\$ -	\$ 3,619,386	\$3,619,386	4. Architectural and eng	Derived from recent projects
	City Project Manager (0.5 FTE monthly	Cash Match	5,000.0	24	\$ 120,000	\$ 120,000	\$ -	\$120,000	1. Admin and Legal	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
	Public Safety Project Coordinator (0.33	Cash Match	3,333.0	24	\$ 79,992	\$ 79,992	\$ -	\$79,992	1. Admin and Legal	Cash Match
Consulting				0	\$ -	\$ -	\$ -	\$0	11. Misc.	
	Grant application consultant support (H	Cash Match	150.0	360	\$ 54,000	\$ 54,000	\$ -	\$54,000	11. Misc.	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	ROW Agents		21,573.0	1	\$ 21,573	\$ -	\$ 21,573	\$21,573	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
	BTOP Application Expenses			0	\$ -	\$ -	\$ -	\$0	11. Misc.	
TESTING										
					\$0	\$0	\$0	\$0		
Network				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
IT System				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
User Devices				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Test Generators				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Lab				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Servers/Compute				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
OTHER UPFRONT COSTS					\$3,265,197.00	\$0.00	\$3,265,197.00	\$3,265,197.00		
Site Preparation				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	WA State Business & Occupation Tax & Administrative		827,250.0	1	\$ 827,250	\$ -	\$ 827,250	\$827,250	1. Admin and Legal	Based on recent experience
	WA State Sales Tax		2,437,947.0	1	\$ 2,437,947	\$ -	\$ 2,437,947	\$2,437,947	9. Construction	Based on recent experience
	Preliminary Cash Match	Cash Match					\$ -	\$0	11. Misc.	
	Preliminary In-Kind Match	In-kind Match					\$ -	\$0	11. Misc.	
PROJECT TOTAL:					\$79,002,377.00	\$7,640,516.00	\$71,361,861.00	\$79,002,377.00		

Cross-check Totals	
1. Admin and Legal	\$1,027,242
2. Land, structures	\$2,250,722
3. Relocation exper	\$0
4. Architectural anc	\$7,506,240
5. Other archit. and	\$21,573
6. Inspection fees	\$0
7. Site work	\$0
8. Demolition/remc	\$0
9. Construction	\$52,903,256
10. Equipment	\$15,239,344
11. Misc.	\$54,000

Matching Contribution Cross-check Totals	
Federal Funding Request	\$55,280,797
Cash Match Contribution	\$5,672,138
In-kind Match Contribution	\$18,049,442
\$79,002,377	\$79,002,377

Approach to allocating Last Mile and Middle Mile costs:

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$9,774,082	\$415,136	\$3,628,845	\$13,818,063	\$6,409,723.00	\$7,408,340.00	\$13,818,063
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$33,891,051	\$4,124,584	\$12,401,875	\$50,417,510	\$123,201.00	\$50,294,309.00	\$50,417,510
Buildings and Land – (new construction, improvements, renovations, lease)	\$103,573	\$0	\$2,018,722	\$2,122,295	\$0.00	\$2,122,295.00	\$2,122,295
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)	\$735,081	\$628,400	\$0	\$1,363,481	\$720,800.00	\$642,681.00	\$1,363,481
Billing and Operational Support Systems (IT systems, software, etc.)	\$57,800	\$0	\$0	\$57,800	\$57,800.00	\$0.00	\$57,800
Operating Equipment (vehicles, office equipment, other)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$7,452,813	\$328,992	\$0	\$7,781,805	\$328,992.00	\$7,452,813.00	\$7,781,805
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Site Preparation		\$0	\$0	\$0	\$0.00		\$0
Other	\$2,437,947	\$0	\$0	\$2,437,947	\$0.00	\$2,437,947.00	\$2,437,947
TOTAL BROADBAND SYSTEM:	\$54,452,347	\$5,497,112	\$18,049,442	\$77,998,901	\$7,640,516	\$70,358,385	\$77,998,901
Cost Share Percentage:	69.81%	7.05%	23.14%				

DETAIL OF PROJECT COSTS

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT					\$13,818,063.00	\$6,409,723.00	\$7,408,340.00	\$13,818,063.00		
Switching	City Anchor Site/Base Station Switch		\$10,223.00	9	\$ 92,007	\$ 46,003	\$ 46,004	\$92,007	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Routing	City Core Site Edge Router		\$44,745.00	2	\$ 89,490	\$ -	\$ 89,490	\$89,490	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Transport	Layer 1 CAI Equipment		#####	21	\$ 2,123,575	\$ -	\$ 2,123,575	\$2,123,575	10. Equipment	Based on recent quotes
	Layer 1 DWDM wavelength equip		#####	5	\$ 677,625	\$ -	\$ 677,625	\$677,625	10. Equipment	Based on recent quotes
	Layer 3 Switches		\$40,653.00	10	\$ 406,530	\$ -	\$ 406,530	\$406,530	10. Equipment	Based on recent quotes
	Layer 3 Routers		\$59,692.50	4	\$ 238,770	\$ -	\$ 238,770	\$238,770	10. Equipment	Based on recent quotes
	Microwave Radios		#####	9	\$ 977,800	\$ -	\$ 977,800	\$977,800	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
Access	Mesh Wireless Access Point (WAP)		\$15,451.65	240	\$ 3,708,397	\$ 2,294,400	\$ 1,413,997	\$3,708,397	10. Equipment	Based on recent quotes
	Layer 2 Access and Core Equip		\$29,886.44	48	\$ 1,434,549	\$ -	\$ 1,434,549	\$1,434,549	10. Equipment	Based on recent quotes
				0	\$ -	\$ -	\$ -	\$0		
Other	Public Safety wireless mobile VPN solution		\$25,339.00	1	\$ 25,339	\$ 25,339	\$ -	\$25,339	10. Equipment	Based on recent quotes
	Equipment Match Cash	Cash Match	#####	1	\$ 399,000	\$ 399,000	\$ -	\$399,000	10. Equipment	Cash Match
	Equipment Match In-Kind	In-kind Match	\$3,628,845.00	1	\$ 3,628,845	\$ 3,628,845	\$ -	\$3,628,845	10. Equipment	In-Kind Match
	Public Safety wireless mobile VPN sol	Cash Match	\$16,136.00	1	\$ 16,136	\$ 16,136	\$ -	\$16,136	10. Equipment	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
OUTSIDE PLANT					\$50,417,510.00	\$123,201.00	\$50,294,309.00	\$50,417,510.00		
Cables	Aerial Fiber Plant		21,469.0	366.6	\$ 7,870,548	\$ -	\$ 7,870,548	\$7,870,548	9. Construction	Derived from recent projects
	Buried Fiber Plant		155,192.9	144.2	\$ 22,378,822	\$ -	\$ 22,378,822	\$22,378,822	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
Conduits				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Ducts	Buried duct			0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Poles	Make-Ready Poles		112.8	937.1	\$ 105,716	\$ -	\$ 105,716	\$105,716	9. Construction	Derived from recent projects
	Change-out Pole		3,108.3	440.0	\$ 1,367,657	\$ -	\$ 1,367,657	\$1,367,657	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
Towers	MW Tower		389347.5	2	\$ 778,695	\$ -	\$ 778,695	\$778,695	9. Construction	Derived from recent projects
	MW Building Attachments		9606.25	8	\$ 76,850	\$ -	\$ 76,850	\$76,850	9. Construction	
				0	\$ -	\$ -	\$ -	\$0		
Repeaters				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	Fiber Installation Charge for connection	Cash Match	13,689.0	9	\$ 123,201	\$ 123,201	\$ -	\$123,201	9. Construction	Cash Match
	OSP Match Cash	Cash Match	4,001,383.0	1	\$ 4,001,383	\$ -	\$ 4,001,383	\$4,001,383	9. Construction	Cash Match
	OSP Match In-Kind	In-kind Match	12,401,875.0	1	\$ 12,401,875	\$ -	\$ 12,401,875	\$12,401,875	9. Construction	In-Kind Match

Rock		50,105.5	26.2	\$ 1,312,763	\$ -	\$ 1,312,763	\$1,312,763	9. Construction	Derived from recent projects
			0	\$ -	\$ -	\$ -	\$0		

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
BUILDINGS					\$2,122,295.00	\$0.00	\$2,122,295.00	\$2,122,295.00		
New Construction				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Pre-Fab Huts	Pre fabs for MW		41000	2	\$ 82,000	\$ -	\$ 82,000	\$82,000	2. Land, structures	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Improvements &				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	Site Land			0	\$ -	\$ -	\$ -	\$0	2. Land, structures	
	ROW Land			0	\$ 21,573	\$ -	\$ 21,573	\$21,573	5. Other archit. and eng	Derived from recent projects
	Buildings Match Cash	Cash Match	-	1	\$ -	\$ -	\$ -	\$0	2. Land, structures	Cash Match
	Buildings Match In-Kind	In-kind Match	2,018,722.0	1	\$ 2,018,722	\$ -	\$ 2,018,722	\$2,018,722	2. Land, structures	In-Kind Match
					0	\$ -	\$ -	\$ -	\$0	
CUSTOMER PREMISE EQUIPMENT					\$1,363,481.00	\$720,800.00	\$642,681.00	\$1,363,481.00		
Modems				0	\$ -	\$ -	\$ -	\$0		
	Public Safety mobile wireless routers	Cash Match	3,600.0	119	\$ 428,400	\$ 428,400	\$ -	\$428,400	10. Equipment	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
	Residential Wireless CPE	Cash Match	210.0	800	\$ 168,000	\$ 168,000	\$ -	\$168,000	10. Equipment	Cash Match
Residential Wireless CPE spares	Cash Match	160.0	200	\$ 32,000	\$ 32,000	\$ -	\$32,000	10. Equipment	Cash Match	
Set Top Boxes				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Inside Writing				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	End-User Gear		3,254.2	144	\$ 468,600	\$ 92,400	\$ 376,200	\$468,600	10. Equipment	Derived from recent projects
	Layer 2 CPE		935.0	285	\$ 266,481	\$ -	\$ 266,481	\$266,481	10. Equipment	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS					\$57,800.00	\$57,800.00	\$0.00	\$57,800.00		
Billing Support				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Customer Care				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other Support	Mesh Wireless Network Management and Monitoring		57,800.0	1	\$ 57,800	\$ 57,800	\$ -	\$57,800	10. Equipment	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
OPERATING EQUIPMENT										
					\$0	\$0	\$0	\$0		
Vehicles				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Office Equipment				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
					\$7,781,805.00	\$328,992.00	\$7,452,813.00	\$7,781,805.00		
Engineering	Project Engineering		3,811,854.0	1	\$ 3,811,854	\$ -	\$ 3,811,854	\$3,811,854	4. Architectural and eng	Derived from recent projects
	Project Engineering Consultancy (Hour	Cash Match	150.0	500	\$ 75,000	\$ 75,000	\$ -	\$75,000	4. Architectural and eng	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Project	Project Management		3,619,386.0	1	\$ 3,619,386	\$ -	\$ 3,619,386	\$3,619,386	4. Architectural and eng	Derived from recent projects
	City Project Manager (0.5 FTE monthly	Cash Match	5,000.0	24	\$ 120,000	\$ 120,000	\$ -	\$120,000	1. Admin and Legal	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
	Public Safety Project Coordinator (0.33	Cash Match	3,333.0	24	\$ 79,992	\$ 79,992	\$ -	\$79,992	1. Admin and Legal	Cash Match
Consulting				0	\$ -	\$ -	\$ -	\$0	11. Misc.	
	Grant application consultant support (H	Cash Match	150.0	360	\$ 54,000	\$ 54,000	\$ -	\$54,000	11. Misc.	Cash Match
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	ROW Agents		21,573.0	1	\$ 21,573	\$ -	\$ 21,573	\$21,573	9. Construction	Derived from recent projects
				0	\$ -	\$ -	\$ -	\$0		
	BTOP Application Expenses	Cash Match		0	\$ -	\$ -	\$ -	\$0	11. Misc.	
TESTING										
					\$0	\$0	\$0	\$0		
Network				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
IT System				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
User Devices				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Test Generators				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Lab				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Servers/Compute				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		

or COMMON		Match (Cash/In-	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
OTHER UPFRONT COSTS					\$2,437,947.00	\$0.00	\$2,437,947.00	\$2,437,947.00		
Site Preparation				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
				0	\$ -	\$ -	\$ -	\$0		
Other	WA State Business & Occupation Tax & Administrative		-	1	\$ -	\$ -	\$ -	\$0	1. Admin and Legal	Based on recent experience
	WA State Sales Tax		2,437,947.0	1	\$ 2,437,947	\$ -	\$ 2,437,947	\$2,437,947	9. Construction	Based on recent experience
	Preliminary Cash Match	Cash Match					\$ -	\$0	11. Misc.	
	Preliminary In-Kind Match	In-kind Match					\$ -	\$0	11. Misc.	
				0	\$ -	\$ -	\$ -	\$0		
PROJECT TOTAL:					\$77,998,901.00	\$7,640,516.00	\$70,358,385.00	\$77,998,901.00		

Cross-check Totals	
1. Admin and Legal	\$199,992
2. Land, structures	\$2,100,722
3. Relocation exper	\$0
4. Architectural anc	\$7,506,240
5. Other archit. and	\$21,573
6. Inspection fees	\$0
7. Site work	\$0
8. Demolition/remc	\$0
9. Construction	\$52,877,030
10. Equipment	\$15,239,344
11. Misc.	\$54,000

Matching Contribution Cross-check Totals	
Federal Funding Request	\$54,452,347
Cash Match Contribution	\$5,497,112
In-kind Match Contribution	\$18,049,442
\$77,998,901	\$77,998,901

248175

Approach to allocating Last Mile and Middle Mile costs:

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 199,992.00	\$	\$ 199,992.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 2,100,722.00	\$	\$ 2,100,722.00
3. Relocation expenses and payments	\$ 0.00	\$	\$ 0.00
4. Architectural and engineering fees	\$ 7,506,240.00	\$	\$ 7,506,240.00
5. Other architectural and engineering fees	\$ 21,573.00	\$	\$ 21,573.00
6. Project inspection fees	\$ 0.00	\$	\$ 0.00
7. Site work	\$ 0.00	\$	\$ 0.00
8. Demolition and removal	\$ 0.00	\$	\$ 0.00
9. Construction	\$ 52,877,030.00	\$	\$ 52,877,030.00
10. Equipment	\$ 15,239,344.00	\$	\$ 15,239,344.00
11. Miscellaneous	\$ 54,000.00	\$	\$ 54,000.00
12. SUBTOTAL (sum of lines 1- 11)	\$ 77,998,901.00	\$ 0.00	\$ 77,998,901.00
13. Contingencies	\$	\$	\$ 0.00
14. SUBTOTAL	\$ 77,998,901.00	\$ 0.00	\$ 77,998,901.00
15. Project (program) income	\$	\$	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 77,998,901.00	\$ 0.00	\$ 77,998,901.00
FEDERAL FUNDING			

17. Federal assistance requested, calculate as follows:
(Consult Federal agency for Federal percentage share.) Enter eligible costs from line 16c Multiply X %
Enter the resulting Federal share.

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009
Expiration Date 07/30/2010

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

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

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

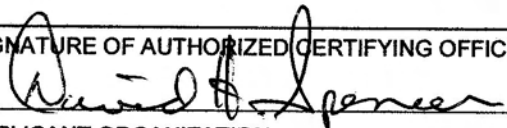
As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the

National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE COO
*APPLICANT ORGANIZATION Northwest Open Access Network	*DATE SUBMITTED 6/17/10 0.00

Meghan,

Pursuant to our conversation, I apologize for any confusion I have created.

The NoaNet proposal involves several local government entities. Governmental entities which receive funds from other governments, i.e. Federal, those governmental entities are not subject to the Business and Occupation tax. NoaNet is subject to this B&O tax, however many of our participants are not. Therefore we have included the B&O tax into the grant since it is based on the funds received by NoaNet. When I mentioned a waiver it is not an application or program that we can apply for. We are asking the Department of Revenue if the tax is applicable given that it is a Federal funds source being given to governmental entities, the issue is that it is going through NoaNet which adds the question of whether it is to be collected or not. This is a one time tax associated with the grant funds it is not an operational expense which we pay as a normal part of business. The B&O tax has no waiver or exemption program in Washington state.

I hope this helps clarify the B&O tax.

BTOP Comprehensive Community Infrastructure Pro Forma Financial Projections

Please complete the Income Statement, Balance Sheet, Cash Flows, and NPV-IRR Table worksheets. Key assumptions used to formulate these financial projections should be listed in the Key Assumptions worksheet. Please note that these are **project-specific** projections, in contrast to the historical financial information which is provided at the organizational level.

Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this upload.

Applicants are required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Applicants may make adjustments to the format of the templates as necessary to provide the most effective presentation of the data for their specific project, but should not remove major headings (*e.g.* Revenues and Expenses on the Income Statement) or provide less detailed information than would be required to complete the provided templates.

Income Statement

	Forecast Period							
	2010	2011	2012	2013	2014	2015	2016	2017
Revenues								
Broadband Offerings								
Wholesale Data	\$ 413,605	\$ 1,240,816	\$ 2,068,027	\$ 2,297,808	\$ 2,527,589	\$ 2,757,370	\$ 2,987,150	\$ 3,216,931
Retail Data	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dark Fiber	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (list specific services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Network Driven Revenues								
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Voice Services (local/toll/long distance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (list specific services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Revenues (grant proceeds)	\$ 27,219,588	\$ 27,232,759	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Revenues (matching funds)	\$ 11,734,547	\$ 11,812,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ 39,367,740	\$ 40,285,582	\$ 2,068,027	\$ 2,297,808	\$ 2,527,589	\$ 2,757,370	\$ 2,987,150	\$ 3,216,931
Expenses								
Backhaul	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Maintenance/Monitoring	\$ 251,265	\$ 753,796	\$ 1,256,327	\$ 1,395,918	\$ 1,535,510	\$ 1,675,102	\$ 1,814,694	\$ 1,954,286
Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Leasing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales/Marketing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Care	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Billing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Corporate G&A	\$ 65,488	\$ 196,463	\$ 327,438	\$ 327,438	\$ 327,438	\$ 327,438	\$ 327,438	\$ 327,438
Other Operating Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 316,753	\$ 950,258	\$ 1,583,764	\$ 1,723,356	\$ 1,862,948	\$ 2,002,540	\$ 2,142,132	\$ 2,281,723
EBITDA	\$ 39,050,988	\$ 39,335,324	\$ 484,263	\$ 574,452	\$ 664,641	\$ 754,830	\$ 845,019	\$ 935,208
Depreciation	\$ 2,673,425	\$ 5,346,850	\$ 5,346,850	\$ 5,346,850	\$ 5,346,850	\$ 5,346,850	\$ 5,346,850	\$ 5,346,850
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Earnings Before Interest and Taxes	\$ 36,377,562	\$ 33,988,474	\$ (4,862,587)	\$ (4,772,398)	\$ (4,682,209)	\$ (4,592,020)	\$ (4,501,831)	\$ (4,411,642)
Interest Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Before Taxes	\$ 36,377,562	\$ 33,988,474	\$ (4,862,587)	\$ (4,772,398)	\$ (4,682,209)	\$ (4,592,020)	\$ (4,501,831)	\$ (4,411,642)
Property Tax (B&O tax)	\$ 420,810	\$ 433,218	\$ 31,020	\$ 34,467	\$ 37,914	\$ 41,361	\$ 44,807	\$ 48,254
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Income	\$ 35,956,752	\$ 33,555,255	\$ (4,893,608)	\$ (4,806,865)	\$ (4,720,123)	\$ (4,633,381)	\$ (4,546,639)	\$ (4,459,896)

Balance Sheet

Assets	Forecast Period							
	2010	2011	2012	2013	2014	2015	2016	2017
Current Assets								
Cash	\$ 89,648	\$ 360,592	\$ 813,835	\$ 1,353,820	\$ 1,980,547	\$ 2,694,016	\$ 3,494,228	\$ 4,381,182
Marketable Securities	-	-	-	-	-	-	-	-
Accounts Receivable	-	-	-	-	-	-	-	-
Notes Receivable	-	-	-	-	-	-	-	-
Inventory	-	-	-	-	-	-	-	-
Prepayments	-	-	-	-	-	-	-	-
Other Current Assets	-	-	-	-	-	-	-	-
Total Current Assets	\$ 89,648	\$ 360,592	\$ 813,835	\$ 1,353,820	\$ 1,980,547	\$ 2,694,016	\$ 3,494,228	\$ 4,381,182
Non-Current Assets								
Long-Term Investments	-	-	-	-	-	-	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-	-	-	-
Plant in Service	\$ 38,954,135	\$ 77,998,901	\$ 77,998,901	\$ 77,998,901	\$ 77,998,901	\$ 77,998,901	\$ 77,998,901	\$ 77,998,901
Less: Accumulated Depreciation	\$ (2,673,425)	\$ (8,020,275)	\$ (13,367,126)	\$ (18,713,976)	\$ (24,060,826)	\$ (29,407,677)	\$ (34,754,527)	\$ (40,101,377)
Net Plant	\$ 36,280,710	\$ 69,978,626	\$ 64,631,775	\$ 59,284,925	\$ 53,938,075	\$ 48,591,224	\$ 43,244,374	\$ 37,897,524
Other	-	-	-	-	-	-	-	-
Total Non-Current Assets	\$ 36,280,710	\$ 69,978,626	\$ 64,631,775	\$ 59,284,925	\$ 53,938,075	\$ 48,591,224	\$ 43,244,374	\$ 37,897,524
Total Assets	\$ 36,370,357	\$ 70,339,218	\$ 65,445,610	\$ 60,638,745	\$ 55,918,621	\$ 51,285,241	\$ 46,738,602	\$ 42,278,705
Liabilities and Owners' Equity								
Liabilities								
Current Liabilities								
Accounts Payable	-	-	-	-	-	-	-	-
Notes Payable	-	-	-	-	-	-	-	-
Other Current Liabilities	-	-	-	-	-	-	-	-
Total Current Liabilities	-	-	-	-	-	-	-	-
Long-Term Liabilities								
Long Term Notes Payable	-	-	-	-	-	-	-	-
Other Long Term Liabilities	-	-	-	-	-	-	-	-
Total Long-Term Liabilities	-	-	-	-	-	-	-	-
Total Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Owner's Equity								
Capital Stock	-	-	-	-	-	-	-	-
Additional Paid-In Capital	-	-	-	-	-	-	-	-
Retained Earnings	\$ 36,370,357	\$ 70,339,218	\$ 65,445,610	\$ 60,638,745	\$ 55,918,621	\$ 51,285,241	\$ 46,738,602	\$ 42,278,705
Total Equity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Liabilities and Owner's Equity	\$ 36,370,357	\$ 70,339,218	\$ 65,445,610	\$ 60,638,745	\$ 55,918,621	\$ 51,285,241	\$ 46,738,602	\$ 42,278,705

Statement of Cash Flows

	Forecast Period							
	2010	2011	2012	2013	2014	2015	2016	2017
Beginning Cash	\$ -	\$ 89,648	\$ 360,592	\$ 813,835	\$ 1,353,820	\$ 1,980,547	\$ 2,694,016	\$ 3,494,228
CASH FLOWS FROM OPERATING ACTIVITIES:								
Net Income	36,503,806	34,011,678	(4,893,608)	(4,806,865)	(4,720,123)	(4,633,381)	(4,546,639)	(4,459,896)
<i>Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities</i>								
Add: Depreciation	2,673,425	5,346,850	5,346,850	5,346,850	5,346,850	5,346,850	5,346,850	5,346,850
Add: Amortization	-	-	-	-	-	-	-	-
<i>Changes in Current Assets and Liabilities:</i>								
Marketable Securities	-	-	-	-	-	-	-	-
Accounts Receivable	-	-	-	-	-	-	-	-
Inventory	-	-	-	-	-	-	-	-
Prepayments	-	-	-	-	-	-	-	-
Other Current Assets	-	-	-	-	-	-	-	-
Accounts Payable	-	-	-	-	-	-	-	-
Other Current Liabilities	-	-	-	-	-	-	-	-
Net Cash Provided (Used) by Operations	\$ 39,177,231	\$ 39,358,528	\$ 453,243	\$ 539,985	\$ 626,727	\$ 713,469	\$ 800,212	\$ 886,954
CASH FLOWS FROM INVESTING ACTIVITIES:								
Capital Expenditures	(38,954,135)	(39,044,766)	-	-	-	-	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-	-	-	-
Long-Term Investments	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ (38,954,135)	\$ (39,044,766)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CASH FLOWS FROM FINANCING ACTIVITIES:								
Notes Receivable	-	-	-	-	-	-	-	-
Notes Payable	-	-	-	-	-	-	-	-
Principal Payments	-	-	-	-	-	-	-	-
New Borrowing	-	-	-	-	-	-	-	-
Additional Paid-in Capital	-	-	-	-	-	-	-	-
Additions to Patronage Capital Credits	-	-	-	-	-	-	-	-
Payment of Dividends	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Increase (Decrease) in Cash	\$ 89,648	\$ 270,945	\$ 453,243	\$ 539,985	\$ 626,727	\$ 713,469	\$ 800,212	\$ 886,954
Ending Cash	\$ 89,648	\$ 360,592	\$ 813,835	\$ 1,353,820	\$ 1,980,547	\$ 2,694,016	\$ 3,494,228	\$ 4,381,182

NPV/IRR Table

	Net Present Value	Internal Rate of Return
Without BTOP Funding	\$0.00	0.00%
With BTOP Funding	\$3,847,202.73	4.89%

Project will not be built without BTOP Funding

Discount Rate		15%			
year	Cash Flows From Operations Amount	year	Cash Flows from Investment Amount	Free Cash Flow	
1	\$ 38,954,135	1	\$ (38,954,135)	\$	-
2	39,044,766	2	(39,044,766)		-
3	453,243	3	-		453,243
4	539,985	4	-		539,985
5	626,727	5	-		626,727
6	713,469	6	-		713,469
7	800,212	7	-		800,212
8	7,095,631	8	-		7,095,631

\$ (38,954,135)
 \$ (39,044,766)
 \$ 38,954,135
 \$ 39,044,766
 \$ 453,243
 \$ 539,985
 \$ 626,727
 \$ 713,469
 \$ 800,212
 \$ 7,095,631

Revenue Assumptions	
Factor	Specific Metric Used in Analysis
Customers Passed	
Anchor Institutions - Segment A	
Anchor Institutions - Segment B	
Businesses	0
Households	0
Last Mile Providers	0
Other	0
Take Rate (should likely vary across 8-Year Forecast)	
Anchor Institutions - Segment A	20% yr 1, 60% yr2, 100% yrs 3-8 of anchor sites
Anchor Institutions - Segment B	
Businesses	0
Households	0
Last Mile Providers	0
Direct Customer Connections	
Customer Segment A	197
Customer Segment B	
Other	0
Average Revenue per User (may vary across 8-year forecast)	
Anchor Institutions - Segment A	\$972
Anchor Institutions - Segment B	
Businesses	0
Households	0
Last Mile Providers	0
Other	0

Expense Assumptions	
Factor	Specific Metric Used in Analysis
Network Expenses	
Backhaul	0
Maintenance	0

Utilities	0
Leasing	0
Depreciation	separate on income statement
Other	\$590
Sales & Marketing	
Advertising	0
Commissions	0
Salaries	0
Other	0
Customer Care & Billing	
Systems	0
Personnel	0
Other	0
General & Administrative	
Professional Services	0
Insurance	0
Non-Network Utilities	0
Travel	0
Supplies	0
Miscellaneous	\$129
Interest Expenses	
Debt Instrument A	0
Debt Instrument B	0
Taxes	
Federal Tax Rate	0
Other Tax Rates	Business & Occupation Taxes 1.5%

Rationale (Cite Basis)
Last mile providers and cellular companies revenues not forecasted but expected later
no estimates included, conservative estimate
no estimates included, conservative estimate
no estimates included, conservative estimate
no estimates included, conservative estimate
management estimate
no estimates included, conservative estimate
no estimates included, conservative estimate
no estimates included, conservative estimate
Total anchor sites served after 3 years; 10% growth in subsequent years
no estimates included, conservative estimate
Average wholesale price for 100 meg service
no estimates included, conservative estimate
no estimates included, conservative estimate
no estimates included, conservative estimate
Some cellular backhaul expected but not forecast in later years of proforma

Rationale (Cite Basis)
included in average cost of goods sold
included in average cost of goods sold

included in average cost of goods sold
included in average cost of goods sold
calculated in income statement from 7-year life on electronics and 20-year life on fiber and huts
Average cost of goods sold (COGS) across categories
No additional Sales and Marketing allocated; Existing staff sells wholesale to same customers
No additional Sales and Marketing allocated; Existing staff sells wholesale to same customers
No additional Sales and Marketing allocated; Existing staff sells wholesale to same customers
No additional Sales and Marketing allocated; Existing staff sells wholesale to same customers
included in average G&A
included in average G&A
included in average G&A
included in average G&A
included in average G&A
included in average G&A
included in average G&A
included in average G&A
Average G&A across all categories
no additional debt funding
no additional debt funding
not subject to federal tax
Tax on gross receipts applicable unless specific exemption granted in writing by DOR

Matching Funds Breakdown

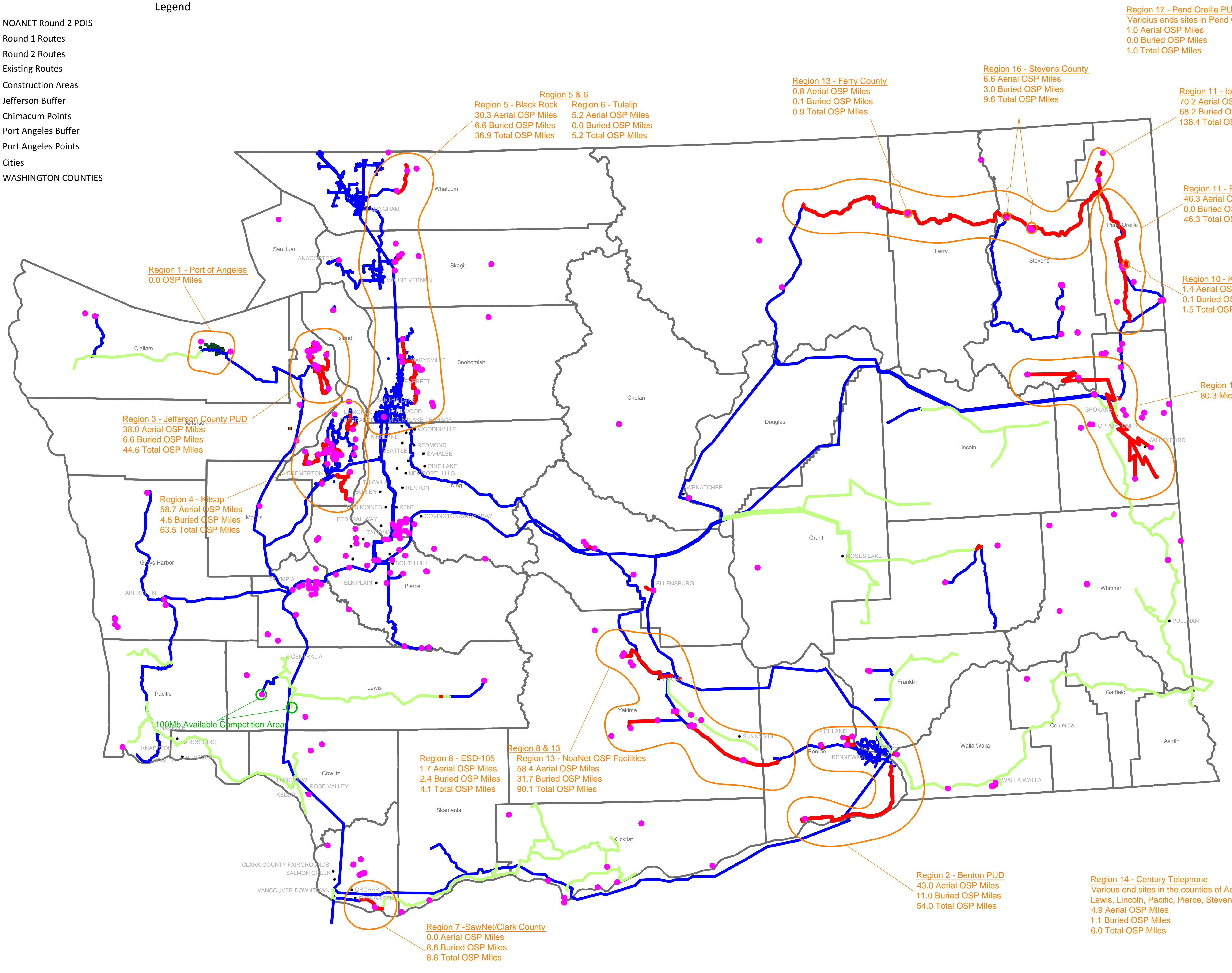
Cash Matching Contributors			
	Amount	% of Project	Source
Kitsap Regional Library	\$ 5,000	0.01%	Internal
Kitsap County	\$ 30,000	0.04%	Internal
Port Orchard	\$ 5,000	0.01%	Internal
Bremerton	\$ 5,000	0.01%	Internal
Poulsbo	\$ 5,000	0.01%	Internal
Bainbridge Island	\$ 5,000	0.01%	Internal
Suquamish Tribe	\$ 2,500	0.00%	Internal
Fire: South, Central, North	\$ 15,000	0.02%	Internal
CenCom/DEM	\$ 5,000	0.01%	Internal
Kitsap County PUD	\$ 225,069	0.28%	Internal
Gates Foundation	\$ 1,500,000	1.90%	Grant Match
City of Port Angeles	\$ 1,096,729	1.39%	Internal
Pend Oreille County PUD	\$ 333,786	0.42%	Internal
Jefferson County (JeffCom)	\$ 221,223	0.28%	Debt
SawNet	\$ 18,000	0.02%	Internal
Clark County	\$ 50,000	0.06%	Internal
Stevens County PUD	\$ 330,000	0.42%	Internal
Application Prep	\$ 735,496	0.93%	Internal
Benton County PUD	\$ 348,813	0.44%	Internal
Cisco	\$ 315,167	0.40%	Internal
Juniper	\$ 44,329	0.06%	Internal
CHR Consulting	\$ 96,000	0.12%	Other
Dept. Information Services	\$ 105,000	0.13%	Internal
	\$ 5,497,112		
In-kind Matching Contributors			
	Amount	% of Project	Nature
NoaNet	\$ 2,390,167	3.03%	Existing plant
Kitsap PUD	\$ 5,177,700	6.55%	Existing plant
JeffCom	\$ 1,183,093	1.50%	Existing plant
Pend Oreille County PUD	\$ 1,900,000	2.40%	Existing plant
Okanogan County PUD	\$ 2,680,000	3.39%	Existing plant
Stevens County PUD	\$ 160,100	0.20%	Existing plant
Blackrock Cable	\$ 1,530,000	1.94%	Existing plant
Tulalip Data Services/WA-RBC	\$ 662,000	0.84%	Capital Labor, Facility
SawNet	\$ 150,000	0.19%	Capital Labor, ROW
ESD-105	\$ 24,959	0.03%	Capital Labor
Benton County PUD	\$ 1,851,083	2.34%	Existing plant
Kalispel Tribe	\$ 55,340	0.07%	Capital Labor, Facility
Jefferson, Kitsap, Stevens	\$ 285,000	0.36%	App Prep

\$ 18,049,442

\$ 23,546,554

Legend

- NOANET Round 2 POIS
- Round 1 Routes
- Round 2 Routes
- Existing Routes
- Construction Areas
- Jefferson Buffer
- Chimacum Points
- Port Angeles Buffer
- Port Angeles Points
- Cities
- WASHINGTON COUNTIES



Region 1 - Port of Angeles
0.0 OSP Miles

Region 3 - Jefferson County PUD
38.0 Aerial OSP Miles
6.6 Buried OSP Miles
44.6 Total OSP Miles

Region 4 - Kitsap
58.7 Aerial OSP Miles
4.8 Buried OSP Miles
63.5 Total OSP Miles

100Mb Available Competition Area

Region 8 - ESD-105
1.7 Aerial OSP Miles
2.4 Buried OSP Miles
4.1 Total OSP Miles

Region 8 & 13 - NoaNet OSP Facilities
58.4 Aerial OSP Miles
31.7 Buried OSP Miles
90.1 Total OSP Miles

Region 7 - SawNet/Clark County
0.0 Aerial OSP Miles
8.6 Buried OSP Miles
8.6 Total OSP Miles

Region 5 & 6
Region 5 - Black Rock
30.3 Aerial OSP Miles
6.6 Buried OSP Miles
36.9 Total OSP Miles
Region 6 - Tutalip
5.2 Aerial OSP Miles
0.0 Buried OSP Miles
5.2 Total OSP Miles

Region 13 - Ferry County
0.8 Aerial OSP Miles
0.1 Buried OSP Miles
0.9 Total OSP Miles

Region 16 - Stevens County
6.6 Aerial OSP Miles
3.0 Buried OSP Miles
9.6 Total OSP Miles

Region 11 - Lone to Tonasket Backbone along Highway 20
70.2 Aerial OSP Miles
68.2 Buried OSP Miles
138.4 Total OSP Miles

Region 11 - Backbone Route Reinforcement
46.3 Aerial OSP Miles
0.0 Buried OSP Miles
46.3 Total OSP Miles

Region 10 - Kalispel Tribe
1.4 Aerial OSP Miles
0.1 Buried OSP Miles
1.5 Total OSP Miles

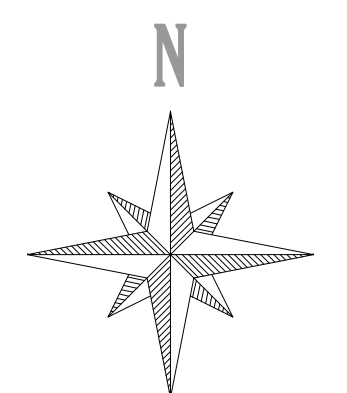
Region 13 - NoaNet
80.3 Microwave Radio Miles

Region 17 - Pend Oreille PUD
Various ends sites in Pend Oreille County.
1.0 Aerial OSP Miles
0.0 Buried OSP Miles
1.0 Total OSP Miles

Region 2 - Benton PUD
43.0 Aerial OSP Miles
11.0 Buried OSP Miles
54.0 Total OSP Miles

Region 14 - Century Telephone
Various end sites in the counties of Adams, Clallam, Franklin, Grays Harbor, Klickitat, Lewis, Lincoln, Pacific, Pierce, Stevens, & Yakima, not detailed on map.
4.9 Aerial OSP Miles
1.1 Buried OSP Miles
6.0 Total OSP Miles

DATE CREATED: 3/22/2010
DATE REVISED: 5/25/2010
DRAWN BY: Keeton Walden



SCALE: NTS

COMPANY:
Northwest Open Access Network

SYSTEM:

PROJECT NUMBER:

DESCRIPTION:
Construction Areas

MAP:

Key Map
1 OF 1



**5376 - Northwest Open Access Network (NoaNet)
Key Map Construction Areas**

Map Region Key	Name	OSP Miles		Anchor Sites Connected Total	Facility Requirement	Anticipated Construction Issues which prevent commercial carriers	Competition Data for 100Mb Service
		Aerial	Buried				
1	Port of Angeles (Clallam County)	0	0	0	19 Wireless Access Network		
2	Benton PUD (Benton County)	43	11	54	3 Middle Mile connections	Use PUD RoW, etc., area is rocky with	
3	Jefferson County PUD (Jefferson County)	38	6.6	44.6	52 Middle Mile & WAP connections	and historic/wetlands areas build, terrain is very hilly	N/A
4	Kitsap (Kitsap County)	58.7	4.8	63.5	46 Middle Mile connections	remote sites restricted corridors with zc	N/A
5	Black Rock (Whatcom, Skagit & Snohomish Counties)	30.3	6.6	36.9	9 Middle Mile connections	Urban build low population density	N/A
6	Tulalip (Whatcom, Skagit & Snohomish Counties)	5.2	0	5.2	13 Middle Mile connections	Urban build reservation lands low popu	N/A
7	SawNet/Clark Cty (Clark County)	0	8.6	8.6	3 Library anchor site connection	Urban build wetlands with water crossir	N/A
8	ESD-105 (Yakima County)	1.7	2.4	4.1	17 School anchor site connections	Standard construction with river corssir	N/A
10	Kalispel (Pend Oreille County)	1.4	0.1	1.5	1 Tribal anchor site connection	Standard construction low population d	N/A

**5376 - Northwest Open Access Network (NoaNet)
Key Map Construction Areas**

Map Region Key	Name	OSP Miles		Anchor Sites		Anticipated Construction Issues which prevent commercial carriers	Competition Data for 100Mb Service
		Aerial	Buried	Total	Connected		
11	North Central - lone to Tonasket Backbone along Highway 20	116.6	68.2	184.8		Provides east-west backbone facilities to areas without fiber service. Provides major ring redundancy capabilities.	22 miles of rock anticipated, very restricted construction corridors along Hwy 20, only route available over mountainous areas.
		0	17.7	17.7	0	Hwy 20 -Pend Oreille County	N/A
		46.3	0.0	46.3	0	Diverse Backbone Route - Pend Oreille County	N/A
		29.7	11.1	40.8	0	Hwy 20 - Stevens County	N/A
		5.7	39.4	45.1	0	Hey 20 - Ferry County	N/A
		34.8	0.0	34.8	0	Hwy 20 - Okanogan County	N/A
		116.5	68.2	184.7	0	North Central Backbone Total	
13	NoaNet OSP Facilities	59.2	31.8	91		Backbone and end-site connectivity	
	Ferry County	0.8	0.1	0.9	10	Middle Mile connections	Urban build no backhaul possible so nc N/A
	Yakima County	28.3	31.0	59.3	5	Backbone facilities & Middlemile connections	Urban build no backhaul possible so nc N/A
	Spokane County	0.4	0.1	0.5	6	Middle Mile connections	Urban build no backhaul possible so nc N/A
	Benton County	21.5	0.0	21.5	0	Expansion of backbone facilities	semi-urban construction issues and lov N/A
	Grant County	0.3	0.0	0.3	1	Middle Mile connection	semi-urban construction issues and lov N/A
	Kittitas County	3.0	0.0	3.0	4	Middle Mile connections	semi-urban construction issues and lov N/A
	Walla Walla County	3.0	0.7	3.7	4	Middle Mile connections	semi-urban construction issues and lov N/A
	Grays Harbor County	1.9	0.0	1.9	8	Middle Mile connections	semi-urban construction issues and lov N/A
		59.2	31.8	91.0	38	NoaNet OSP Facilities Sub-total	
14	Century Tel (Adams, Clallam, Franklin, Grays Harbor, Klickitat, Lewis, Lincoln, Pacific, Pierce, Stevens, & Yakima Counties)	4.9	1.1	6	40	Middle Mile connections	Standard construction in incumbent areas Curtis and Chehalis areas
16	Stevens County (Stevens County)	6.6	3	9.6	23	Middle Mile connections	Urban build no backhaul possible and lo N/A
17	Pend Oreille PUD (Pend Oreille County)	1	0	1	21	Middle Mile connections	Urban build no backhaul possible and lo N/A
	System Total	366.6	144.2	510.8	285		

K-20 Bid Response History
(for sites NOT installed)

Procurement #	Site Name	Service Address	City	Zip	Node Site	VENDOR	NRC	MRC 10 MBPS	MRC 30 MBPS	MRC 100 MBPS
T02-RFQQ-004 (2nd tier)	Asotin-Anatone School District	214 2nd Street	Asotin	99402	Yakima					
T08-RFQQ-009 (2nd tier)	Brinnon School District	46 School House Road	Brinnon		Seattle	Qwest	317,816	1,313	1,500	
T08-RFQQ-009 (2nd tier)	Camas Public Library	625 NE Fourth Avenue,	Camas		Vancouver	Qwest	11,938	2,101	2,281	
T08-RFQQ-009 (2nd tier)	Camas Public Library	625 NE Fourth Avenue,	Camas		Vancouver	Sawtooth	20,500	1,055	2,035	
T02-RFQQ-004 (2nd tier)	Wahkiakum School District	500 S. 3rd	Cathlamet	98612	Vancouver					
T08-RFQQ-009 (2nd tier)	Wahkiakum School District	500 S Third	Cathlamet		Vancouver					
T02-RFQQ-004 (2nd tier)	Adna School District	121 Adna School Road	Chehalis	98532	Olympia	Century	164,444	645		1,025
T02-RFQQ-004 (2nd tier)	Adna School District	121 Adna School Road	Chehalis	98532	Olympia	Qwest	165,410	834		1,446
T08-RFQQ-009 (2nd tier)	Chimacum School District	91 W. Valley Rd.	Chimacum		Seattle	Qwest	22,578	1,313	1,500	
T08-RFQQ-009 (2nd tier)	Asotin County Library	417 Sycamore	Clarkston		Yakima	Sawtooth	34,000	1,055	1,555	
T08-RFQQ-009 (2nd tier)	Asotin County Library	417 Sycamore	Clarkston		Yakima	Qwest	94,875	2,906	3,344	
T08-RFQQ-009 (2nd tier)	Asotin County Library	417 Sycamore	Clarkston		Yakima	Noel	219,750	650	1,400	
T02-RFQQ-004 (2nd tier)	Clarkston School District	847 5th Street	Clarkston	99403	Yakima					
T08-RFQQ-009 (2nd tier)	Colfax School District	North 1110 Morton	Colfax		Spokane					
T02-RFQQ-004 (2nd tier)	Colton School District	706 Union St.	Colton	99113	Spokane					
T08-RFQQ-009 (2nd tier)	Colton School District	706 Union St.	Colton		Spokane					
T02-RFQQ-004 (2nd tier)	Colville School District	154 Hwy 20 E	Colville	99114	Spokane					
T08-RFQQ-009 (2nd tier)	Colville School District	154 Hwy 20 E	Colville		Spokane					
T02-RFQQ-004 (2nd tier)	Boistfort School District	983 Boistfort Road	Curtis	98538	Olympia	Century	8,700	450		875
T02-RFQQ-004 (2nd tier)	Boistfort School District	983 Boistfort Road	Curtis	98538	Olympia	Qwest	12,593	806		1,529
T08-RFQQ-009 (2nd tier)	Dayton School District	614 S. 3rd St.	Dayton		Yakima					
T02-RFQQ-004 (2nd tier)	Deer Park School District	East 1120 D Street	Deer Park	99006	Spokane					
T08-RFQQ-009 (2nd tier)	Deer Park School District	East 1120 D Street	Deer Park		Spokane	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	Deer Park School District	East 1120 D Street	Deer Park		Spokane	Pocket	321,353	850	1,812	
T08-RFQQ-009 (2nd tier)	Deer Park School District	East 1120 D Street	Deer Park		Spokane	Noel	339,915	650	1,400	
T08-RFQQ-009 (2nd tier)	Riverview School District	29000 NE 150th St.	Duval		Seattle	Qwest	95,500	3,125	4,635	
T08-RFQQ-009 (2nd tier)	Riverview School District	29000 NE 150th St.	Duval		Seattle	Noel	108,800	650	1,400	
T08-RFQQ-009 (2nd tier)	Crescent School District	50350 Hwy. 112	Joyce		Seattle	Qwest	106,250	1,375	1,750	
T02-RFQQ-004 (2nd tier)	La Center School District	700 E. Fourth Street,	La Center	98629	Vancouver					
T08-RFQQ-009 (2nd tier)	La Center School District	700 E. Fourth Street,	La Center		Vancouver	Qwest	19,594	2,139	2,325	
T08-RFQQ-009 (2nd tier)	La Center School District	700 E. Fourth Street,	La Center		Vancouver	Sawtooth	27,691	1,055	2,035	
T08-RFQQ-009 (2nd tier)	Stevens County Rural Library District	4008 Cedar Street	Loon Lake		Spokane	Qwest	44,091	1,938	3,750	
T08-RFQQ-009 (2nd tier)	Stevens County Rural Library District	4008 Cedar Street	Loon Lake		Spokane	Pocket	325,375	850	1,812	
T08-RFQQ-009 (2nd tier)	Stevens County Rural Library District	4008 Cedar Street	Loon Lake		Spokane	Noel	339,915	650	1,400	
T02-RFQQ-004 (2nd tier)	Lyle School District	625 Keasey St.	Lyle	98635	Vancouver					
T08-RFQQ-009 (2nd tier)	Lakewood School District	16800 16th Dr. N.E.	Marysville		Seattle	Noel	134,400	650	1,200	
T08-RFQQ-009 (2nd tier)	Lakewood School District	16800 16th Dr. N.E.	Marysville		Seattle	Qwest	156,679	1,185	1,475	
T08-RFQQ-009 (2nd tier)	Mossyrock School District	445 Williams Street	Mossyrock		Olympia					
T08-RFQQ-009 (2nd tier)	Conway School District	19710 State Route 534	Mount Vernon		Seattle	Qwest	5,000	1,375	2,625	
T08-RFQQ-009 (2nd tier)	Conway School District	19710 State Route 534	Mount Vernon		Seattle	Noel	189,680	650	1,200	

K-20 Bid Response History
 (for sites NOT installed)

Procurement #	Site Name	Service Address	City	Zip	Node Site	VENDOR	NRC	MRC 10 MBPS	MRC 30 MBPS	MRC 100 MBPS
T08-RFQQ-009 (2nd tier)	Onalaska School District	280 5th Street West - Telecom Center	Onalaska		Olympia					
T08-RFQQ-009 (2nd tier)	Quilcene School District	294715 Hwy. 101	Quilcene		Seattle	Qwest	18,109	1,313	1,500	
T08-RFQQ-009 (2nd tier)	White Pass School District	516 Silverbrook Road	Randle		Olympia					
T02-RFQQ-004 (2nd tier)	Ridgefield School District	2630 So. Hillhurst Road	Ridgefield	98642	Vancouver					
T08-RFQQ-009 (2nd tier)	Cape Flattery School District	13193 Hwy 112	SeKiu		Seattle					
T08-RFQQ-009 (2nd tier)	Ocosta School District	2580 Montesano Street S.	Westport		Olympia					

Q 13 5376 NoaNet: Cost Per Mile

Request:

You say that cost per mile is \$73,251 in your Key Metrics Dashboard. However, it's not evident how that was calculated. Also, MM and LM budget allocation numbers in the dashboard appear to be reversed.

Answer:

The cost per mile was calculated by taking the cost of construction for new fiber facilities, no wireless costs or other non-fiber construction costs, and dividing it by the number of miles of new fiber proposed to be constructed. The cost is the average rate of cost per mile for the project which included buried and aerial fiber construction.

Also in reviewing the Key Dashboard Metrics we discovered that the mileage reported on the Dashboard for new fiber was 496 miles. The actual proposed project is 511 miles. The MM and LM budget allocation numbers were in fact reversed. As such we have updated the Dashboard to reflect the actual miles of fiber proposed to be constructed. Also we have updated the cost per mile to reflect the increased miles which created a new cost per mile of \$66,394. No budget was affected.

The Dashboard was completed by a separate working group from the engineering group in parallel during the application process, this appears to have been the cause of the clerical error of having the wrong mileage.

Electronic Budget

Equipment Type	No. of Units	Unit Cost	Extended Cost
Switching	9	10,223.00	92,007.00
Edge Routers	2	44,745.00	89,490.00
Mesh WAP	240	15,451.65	3,708,397.00
Public Safety Mobile VPN	1	25,339.00	25,339.00
Mesh Management Server	1	57,800.00	57,800.00
End User equip	144	3,254.17	468,600.00
Layer 3 switches & applications	10	40,653.00	406,530.00
Layer 3 routers	4	59,692.50	238,770.00
Layer 1 DWDM CAI's	21	101,122.61	2,123,575.00
Layer 1 wave lengths	5	135,525.00	677,625.00
Layer 2 CPE	285	935.02	266,481.00
Layer 2 access & core	48	29,886.42	1,434,549.00
Microwave Radios, License, Mount	9	108,644.40	977,800.00

All Equipment will be purchased

BUDGET INFORMATION - Construction Programs

OMB Approval No. 4040-0008
Expiration Date 07/30/2010

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 1,027,242.00	\$ 0.00	\$ 1,027,242.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 2,250,722.00	\$ 0.00	\$ 2,250,722.00
3. Relocation expenses and payments	\$ 0.00	\$ 0.00	\$ 0.00
4. Architectural and engineering fees	\$ 7,506,240.00	\$ 0.00	\$ 7,506,240.00
5. Other architectural and engineering fees	\$ 21,573.00	\$ 0.00	\$ 21,573.00
6. Project inspection fees	\$ 0.00	\$ 0.00	\$ 0.00
7. Site work	\$ 0.00	\$ 0.00	\$ 0.00
8. Demolition and removal	\$ 0.00	\$ 0.00	\$ 0.00
9. Construction	\$ 52,903,256.00	\$ 0.00	\$ 52,903,256.00
10. Equipment	\$ 15,239,344.00	\$ 0.00	\$ 15,239,344.00
11. Miscellaneous	\$ 54,000.00	\$ 0.00	\$ 54,000.00
12. SUBTOTAL (sum of lines 1- 11)	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
13. Contingencies	\$ 0.00	\$ 0.00	\$ 0.00
14. SUBTOTAL	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
15. Project (program) income	\$	\$ 0.00	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 79,002,377.00	\$ 0.00	\$ 79,002,377.00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter eligible costs from line 16c Multiply X <input type="text" value="63.37"/> % Enter the resulting Federal share.			\$ 55,280,797.00

Q 19&20 5376 NoaNet: In-kind contribution

Q 19 Request:

Please provide more detail for the in-kind match of \$12.4 million used in the construction. Is it existing conduit?

Q 20 Request:

Please provide detailed description, calculation, and basis of valuation for each in-kind matching source.

Answer:

Northwest Open Access Network (NoaNet) is the lead agency in the BTOP grant application EZGrant ID# 5376 under consideration by the National Telecommunications and Information Administration. NoaNet is participating as the project lead and owner of fiber infrastructure and electronics across the State of Washington.

NoaNet is working with four NoaNet investor members in the project. These are the public utility districts (PUD's) of Kitsap, Benton, Okanogan and Pend Oreille Counties. Additionally, NoaNet is working with Stevens and Jefferson Counties and the private companies Blackrock Cable and Tulalip Data Services which are all providing assets in-kind. Like NoaNet, these entities have existing networks and infrastructure that contain middle mile segments or facilities that must be utilized in implementation of the grant. Depreciated capital assets of NoaNet and these entities are required to be utilized for successful project implementation. NoaNet will also be utilizing middle mile network segments of CenturyLink to implement the grant. However, as a contractor CenturyLink is not being considered for an in-kind contribution since they are not seeking grant funding. In-kind contributions from the sub recipient Sawtooth Technologies (SawNet) will also be utilized.

In-Kind Contribution Methodology

In determining eligible in-kind contributions for the grant application, NoaNet and the participants analyzed what portions of their existing facilities and network capital assets were impacted by middle mile builds anticipated in the grant application. These assets are impacted because they are buildings, network equipment and outside plant necessary to connect and integrate the new construction into the existing networks. Only those existing eligible network assets that were required for connecting the new network segments into NoaNet and participant networks were selected. These middle mile assets do not include customer drops or laterals, or other access technologies such as wireless access points but does include towers where usable and supporting buildings and assets.

For NoaNet and each participant, existing capital assets were reviewed for inclusion as eligible in-kind contributions. Once selected as necessary for the successful implementation of the project, the depreciated value of these assets were included as in-kind contributions. The depreciation schedules used are according to GAAP and have been audited. The assets were classified as networking equipment, outside plant and

buildings. The following table 1 summarizes the depreciated assets utilized by each participant:

<u>Participant</u>	<u>Detailed Budget Category</u>	<u>Depreciated Value</u>
NoaNet	Network and Access Equipment- DWDM and Digital Switching Equipment (core network transport for Internet access through 23 POIs over 1,100 miles)	\$1,717,683
	Buildings- 6 structures	\$572,484
	Total	\$2,290,167
Okanogan/ Pend Oreille	Network and Access Equipment- Digital Switching Equipment (9 POIs over 134 miles, technology refreshed in 2009)	\$1,096,650
	Outside Plant- cable (134 miles), attachments, vaults, conduit, splice cases, make ready for poles, and poles	\$2,990,000
	Buildings- 5 structures	\$523,450
	Total	\$4,580,000
Jefferson	Network and Access Equipment	
	Outside Plant- 3 towers	\$783,093
	Buildings- 2 structures	\$400,000
	Total	\$1,183,093
Kitsap	Network and Access Equipment- Digital Switching Equipment	\$125,000
	Outside Plant- cable (121 miles), attachments, vaults, conduit, splice cases, make ready for poles	\$4,917,700
	Buildings- 3 structures	\$135,000
	Total	\$5,177,700
Blackrock	Network and Access Equipment	\$0
	Outside Plant- cable (41 miles), attachments, vaults, conduit, splice cases, make ready for poles	\$1,468,800
	Buildings- 2 structures	\$61,200
	Total	\$1,530,000
Tulalip/WaRBC		

	Network and Access Equipment- Digital Switching Equipment	\$258,180
	Outside Plant- cable, conduit, splice cases and vaults	\$357,480
	Buildings- 1 structure	\$46,340
SawNet/Clark	Total	\$662,000
	Network and Access Equipment- Digital Switching equipment	\$65,000
	Outside Plant- Permitting, ROW and Engineering	\$150,000
	Buildings- 2 structures	\$35,000
Benton	Total	\$250,000
	Network and Access Equipment- Digital Switching Equipment	\$296,173
	Outside Plant- Outside Plant-cable (49 miles), attachments, vaults, conduit, splice cases	\$1,369,801
	Buildings- 2 structures	\$185,108
Kalispel Tribe	Total	\$1,851,083
	Network and Access Equipment- Planning installation and turn up	\$45,200
	Outside Plant	\$0
	Buildings- 1 structure	\$10,140
Stevens	Total	\$55,340
	Network and Access Equipment	\$0
	Outside Plant- cable (3 miles), attachments, vaults, conduit, splice cases, make ready	\$80,000
	Buildings- 1 structure	\$50,000
	Total	\$130,000

Table 1

Digital Switching Equipment is a combination of Dense Wave Division Multiplexing (DWDM), Course Wave Division Multiplexing (CWDM), Synchronous Optical Network Equipment (SONET), Layer 2 Switching and Layer 3 routing equipment needed to provision and provide access to transport services to access the Internet for the anchor institutions in this proposal. NoaNet provides the DWDM backbone for all the entities. Pend Oreille and Okanogan as listed provide CWDM, SONET and Layer 2 and layer 3 electronics which is more in depth than the other participants across the existing infrastructure due to the physical requirements of the area.

The cable is generally 144 strand ADSS SMF-28 fiber optic cable or equivalent size. Cable plant consists of attachments, conduit, vaults, splice cases, fiber cable management, engineering, right of way, make ready of poles, and installation capital labor in accordance with GAAP rules.

The depreciated asset types utilized by NoaNet and each participant are described as follows:

In-Kind Contribution Types

Buildings or structures are generally depreciated on a 30-year depreciation schedule, while OSP, like fiber optic cable, attachments, splice cases etc. is generally a 20-year schedule to coincide with the expected economic useful life. Core optical transmission equipment schedules are normally 10-years with electronics such as routers and switches being 5 or 7-year schedules. The types of assets included in the in-kind for this proposed project are conduits, poles, fiber optic cables and attachments, splice cases and vaults, as well as core optical transmission and electronic equipment, buildings and structures required to house the network and power and support systems for the buildings and equipment as required for operating the network.

Each participant brought special in-kind based on the type of project. Benton, Pend Oreille, Okanogan, and Kitsap have large fiber optic plants which are required for this project due to the geographic distances involved in the rural areas of the project in their area. As a result of the large distances being covered there is also a requirement for support buildings. Stevens is providing fiber optics and building structure space to house the network on the longest run of the proposed project. In Jefferson County, the county is providing wireless towers and supporting infrastructure to enable wireless access with fiber optic backhaul. The towers are 100 to 200 feet in height and are important to being able to achieve the intended coverage for EMS and Law Enforcement given the hilly, wooded nature of the area.

Specific Selection Methodology

In determining capital assets utilized on the existing network, Each participant created a list of existing points of presence (PoP's) and network segments impacted by the proposed network builds associated with the grant application.

Next, the capital asset value of the applicable equipment, plant and structures associated with these were retrieved from the appropriate asset management system. In the case of NoaNet where there are PoP's which are connecting the round 1 network expansions with round 2, if the assets were identified in round 1 and fully allocated to round 1 BTOP project then they were excluded from the asset list in round 2 application. This included equipment, outside plant and structures. Once the assets were pulled from the asset management system the values were checked to ensure appropriate depreciation schedules were being used. The value having been verified this became the in-kind assets for the proposed project.

Conclusion

In conclusion, the in-kind contributions to the project from the participants consist of equipment, structures and network outside plant required to successfully implement the proposed network. These assets are necessary to reduce the overall cost of completing the project. Without these assets the project would require hundreds of miles of additional fiber plant and would not be cost effective nor would the communities have the matching funds to propose the project. The collected in-kind network assets being used to complete this project represent more than 15 years of investment by public and private companies building infrastructure into rural unserved and underserved areas literally feet at a time as the opportunity arises to improve telecommunications for utility, public safety, education and economic development opportunities. The depreciated capital assets of NoaNet and the participants to be utilized in project implementation total \$17,739,483 in eligible in-kind contributions. NoaNet and the participants included only those capital assets to be utilized in the grant. Relevant structures, equipment and outside plant asset were identified and depreciated to reflect current value according the standard depreciation schedules. The depreciated values were then included as in-kind contributions. The use of NoaNet and participant networks depreciated capital assets as well as in-kind contributions as a foundation for the BTOP project enables more cost-effective construction to reach unserved and underserved areas of Washington State.

Q 19&20 5376 NoaNet: Details Tower Construction and Underground Fiber Costs

Request:

The cost per tower is currently \$428,000 which is significantly above the baseline. Could you please provide more detail that could justify this high cost? If possible, please provide a breakdown of your estimate.

Answer:

The attached spreadsheet gives the construction bid from an RFQ done in preparation for this project. It also provides the original engineering cost estimate based on the construction of the new tower. This is the largest tower of the project and as such is the most expensive. The other tower is less costly but the site prep and structure requirements are all still included.

The basic scope of work for each site is as follows:

Tower site construction

- Free standing tower & foundation
- 10'X12' equipment shelter & foundation
- Emergency backup generator & foundation - 25 KW, diesel fueled
- Underground electrical service
- Grounding system
- 300 lineal feet new chain link fence and gate
- Related site excavation, grading and finishing as required
- Permitting, engineering, spectrum analysis and licensing

Request:

The cost per mile for buried fiber is significantly above the baseline. Could you please provide more detail that could justify this high cost? If possible, please provide a breakdown of your estimate.

Answer:

Underground construction in many zones in Washington state comes with the specific hazards of rock obstruction. In the case of the south eastern part of the state, Yakima area, it is the start of a very large basaltic rock plate that stretches from the Yakima valley area to the Washington border to the east. In addition there are significant granite and rock formations through the northern and western parts of the state due to the Cascade mountain range. In the specific case of the Four county "northern tier" project involving Okanogan, Ferry, Stevens and Pend Oreille counties, the primary build along Highway 20 involves going over a mountain pass in a restricted corridor with significant rock formations. This is a very difficult build and the rock challenge along with the restricted corridor has prevented a private company from being able to make a reasonable business case given the low population density. Where possible we have tried to go aerial because of the expectation that we will encounter a substantial amount of rock during construction.

The “northern tier” Highway 20 build through a mountain pass, because of the restricted corridor will require areas of buried cable construction in the public right of way. Because of the terrain the route will have to either cross the highway many times which will require a directional bore under the road way or a trench in the road way itself. Both of these situations will require traffic control measures for the highway during the entire construction period. The cost of digging up the highway and road bed is extraordinarily high. The cost of boring under the highway is less and if the preferred method, however the rock conditions will make boring difficult and will require additional time and effort making this build more costly than the average underground construction project when combined with the requirement for traffic control through the entire length of the project.

Similarly in Yakima valley the underground portions of the build are through basalt rock areas. Combine this cutting with the requirement to bore under roadways and under the two river crossings it pushes project costs outside of normal buried cable projects.

The underground portions of the Jefferson county area will have to be directional boring. This boring is required because of the cultural regulations in the area. The area has scattered rock which adds complexity and expense to the boring process. Directional boring 42 inches deep using standard practices is not unusual but it is the most expensive method of cable construction.



May 25, 2010

DEPARTMENT OF COMMERCE
National Telecommunications and Information Administration
Broadband Technologies Opportunities Program (BTOP)

RE: In-Kind Contributions of NoaNet, Kitsap, Benton, Okanogan, Pend Oreille PUD's, Jefferson, Stevens Counties, Blackrock Cable and Tulalip Data Services

To Whom It May Concern:

Northwest Open Access Network (NoaNet) is the lead agency in the BTOP grant application EZGrant ID# 5376 under consideration by the National Telecommunications and Information Administration. NoaNet is participating as the project lead and owner of fiber infrastructure and electronics across the State of Washington.

NoaNet is working with four NoaNet investor members in the project. These are the public utility districts (PUD's) of Kitsap, Benton, Okanogan and Pend Oreille Counties. Additionally, NoaNet is working with Stevens and Jefferson Counties and the private companies Blackrock Cable and Tulalip Data Services which are all providing assets in-kind. Like NoaNet, these entities have existing networks and infrastructure that contain middle mile segments or facilities that must be utilized in implementation of the grant. Depreciated capital assets of NoaNet and these entities are required to be utilized for successful project implementation. NoaNet will also be utilizing middle mile network segments of CenturyLink to implement the grant. However, as a contractor CenturyLink is not being considered for an in-kind contribution since they are not seeking grant funding. In-kind contributions from the sub recipient Sawtooth Technologies (SawNet) will also be utilized.

In-Kind Contribution Methodology

In determining eligible in-kind contributions for the grant application, NoaNet and the participants analyzed what portions of their existing facilities and network capital assets were impacted by middle mile builds anticipated in the grant application. These assets are impacted because they are buildings, network equipment and outside plant necessary to connect and integrate the new construction into the existing networks. Only those existing eligible network assets that were required for connecting the new network segments into NoaNet and participant networks were selected. These middle mile assets do not include customer drops or laterals, or other access technologies such as wireless access points but does include towers where usable and supporting buildings and assets.



For NoaNet and each participant, existing capital assets were reviewed for inclusion as eligible in-kind contributions. Once selected as necessary for the successful implementation of the project, the depreciated value of these assets were included as in-kind contributions. The depreciation schedules used are according to GAAP and have been audited. The assets were classified as networking equipment, outside plant and buildings. The following table 1 summarizes the depreciated assets utilized by each participant:

<u>Participant</u>	<u>Detailed Budget Category</u>	<u>Depreciated Value</u>
NoaNet	Network and Access Equipment	\$1,717,683
	Buildings	\$572,484
	Total	\$2,290,167
Okanogan/ Pend Oreille	Network and Access Equipment	\$1,096,650
	Outside Plant	\$2,990,000
	Buildings	\$523,450
	Total	\$4,580,000
Jefferson	Network and Access Equipment	
	Outside Plant	\$783,093
	Buildings	\$400,000
	Total	\$1,183,093
Kitsap	Network and Access Equipment	\$125,000
	Outside Plant	\$4,917,700
	Buildings	\$135,000
	Total	\$5,177,700
Blackrock	Network and Access Equipment	\$0
	Outside Plant	\$1,468,800
	Buildings	\$61,200
	Total	\$1,530,000
Tulalip/WaRBC	Network and Access Equipment	\$258,180
	Outside Plant	\$357,480
	Buildings	\$46,340



	Total	\$662,000
SawNet/Clark		
	Network and Access Equipment	\$65,000
	Outside Plant	\$150,000
	Buildings	\$35,000
	Total	\$250,000
Benton		
	Network and Access Equipment	\$296,173
	Outside Plant	\$1,369,801
	Buildings	\$185,108
	Total	\$1,851,083
Kalispel Tribe		
	Network and Access Equipment	\$45,200
	Outside Plant	\$0
	Buildings	\$10,140
	Total	\$55,340
Stevens		
	Network and Access Equipment	\$0
	Outside Plant	\$80,000
	Buildings	\$50,000
	Total	\$130,000

Table 1

The depreciated assets utilized by NoaNet and each participant are described as follows:

In-Kind Contribution Types

Buildings are generally on a 30 year depreciation schedule, while OSP is generally a 20 year schedule. Core optical transmission equipment schedules are normally 10 years with electronics such as routers and switches being 5 or 7 year schedules. The types of assets included in the in-kind are conduits, poles, fiber optic cables and attachments, as well as core optical transmission and electronic equipment, buildings and structures required to house the network and power and support systems for the buildings and equipment as required to operate the network.

Each participant brought special in-kind based on the type of project. Benton, Pend Oreille, Okanogan, and Kitsap have large fiber optic plants which are required for this project due to the geographic distances. As a result of the large distances being covered there is also a requirement for support buildings. Stevens is providing fiber optics and building structure space to house the network on the longest run of the proposed project.



In Jefferson County, the county is providing wireless towers and supporting infrastructure to enable wireless access with fiber optic backhaul. The towers are 100 to 200 feet in height and are important to being able to achieve the intended coverage for EMS and Law Enforcement.

Specific Selection Methodology

In determining capital assets utilized on the existing network, Each participant created a list of existing points of presence (PoP's) and network segments impacted by the proposed network builds associated with the grant application.

Next, the capital asset value of the applicable equipment, plant and structures associated with these were retrieved from the appropriate asset management system. In the case of NoaNet where there are PoP's which are connecting the round 1 network expansions with round 2, if the assets were identified in round 1 and fully allocated to round 1 BTOP project then they were excluded from the asset list in round 2 application. This included equipment, outside plant and structures. Once the assets were pulled from the asset management system the values were checked to ensure appropriate depreciation schedules were being used. The value having been verified this became the in-kind assets for the proposed project.

Conclusion

In conclusion, the in-kind contributions to the project from the participants consist of equipment, structures and network outside plant required to successfully implement the proposed network. These assets are necessary to reduce the overall cost of completing the project. Without these assets the project would require hundreds of miles of additional fiber plant and would not be cost effective nor would the communities have the matching funds to propose the project. The collected in-kind network assets being used to complete this project represent more than 15 years of investment by public and private companies building infrastructure into rural unserved and underserved areas literally feet at a time as the opportunity arises to improve telecommunications for utility, public safety, education and economic development opportunities. The depreciated capital assets of NoaNet and the participants to be utilized in project implementation total \$17,739,483 in eligible in-kind contributions. NoaNet and the participants included only those capital assets to be utilized in the grant. Relevant structures, equipment and outside plant asset were identified and depreciated to reflect current value according the standard depreciation schedules. The depreciated values were then included as in-kind contributions. The use of NoaNet and participant networks depreciated capital assets as well as in-kind contributions as a foundation for the BTOP project enables more cost-effective construction to reach unserved and underserved areas of Washington State.

OPTION 1 - CITY SITE WITH FULL 180' TOWER

PLUS 10%

Construction estimate by Buchanan 03-23-10 including tower	\$352,310.00	\$387,541.00
Thermo Bond 10 X 12 shelter	\$33,413.28	\$36,754.61
Cummins diesel generator	\$24,300.00	\$26,730.00
Allowance for additional engineering costs (spectrum analysis)	\$40,000.00	\$44,000.00
Total	\$450,023.28	\$495,025.61
Contingency @ 10%	\$45,002.33	
TOTAL ALLOWANCE FC	\$495,025.61	\$495,000.00

City Site - Construction scope (all new site)

180 foot free standing tower & foundation
 10'X12' equipment shelter & foundation
 Emergency backup generator & foundation - 25 KW, diesel fueled
 Underground electrical service
 Grounding system
 300 lineal feet new chain link fence and gate
 Related site excavation, grading and finishing as required

City Site Cost Estimate Breakdown

Tower	\$262,440
Shelter	\$50,983
Generator	\$34,568
Electrical	\$54,547
Site Work	\$48,462
Engineering	\$44,000
Total	\$495,000

Building Attachments (8 sites)

Structural analysis	\$2,000
Pole mount	\$3,106
Site Work	\$2,200
Engineering	\$2,300
Total	\$9,606

Maynard Peak Site - (existing site, JeffCom owned)

- 80 foot free standing tower and foundation upgrade
- 10'X20' equipment shelter & foundation
- Emergency backup generator & foundation - 25 KW, propane fueled
- 1000 gallon propane tank & foundation
- Upgraded electrical service
- Grounding system
- 370 lineal feet underground fiber optics connection
- Related site excavation, grading and finishing as required

Maynard Peak Site cost Estimates

Feasibility*	\$43,150
Tower	\$81,683
Shelter	\$50,983
Generator	\$31,254
Electrical	\$18,325
Site Work	\$21,500
Engineering	\$38,000
Total	\$284,895

*Structural and load analysis of existing site, shed analysis

Q 21 5376 – Northwest Open Access Network BTOP Project Description Underground Fiber Optic Cable

This project will involve the construction of approximately 144.2 miles of buried outside plant facilities in order to provide broadband services to rural areas of Washington. The proposed construction will take place in Adams, Benton, Clark, Columbia, Ferry, Franklin, Grant, Grays Harbor, Jefferson, Kitsap, Kittitas, Lewis, Lincoln, Mason, Pacific, Pend Oreille, Pierce, Okanogan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Walla Walla, Whatcom and Yakima Counties of Washington, as served by Northwest Open Access Network (NOANET).

The buried plant will consist of fiber optic cables placed at a minimum depth of 36 - 42 inches below the surface in most areas along established streets, roadways or travel routes in town areas. Cable installed adjacent to road ROW will generally be within 5 - 10 feet of the public easement. This construction requires plowing of the cable with a ripper attachment. The ripper opens a narrow slot, inserts the cable and covers in one operation. This is useful in areas where rock contents are minimal and construction paths are free of obstructions. An alternate method, used when applicable, is making a trench, placing the appropriate sized cables, backfilling and compacting to restore the ground to its original condition. If concrete or paving is required to be cut, it is restored as appropriate. In situations where the cable must be placed under large roads, a bore will be made under the obstruction. The cable will then be pulled through the bore into place leaving only a minimal surface disturbance. When river or stream crossings or U.S. water crossings are encountered, the construction will be either bored or via bridge attachments. Every effort is made to minimize environmental damage during the construction phase.

Buried cable will be placed to connect last mile provider facilities to the network equipment. Above ground appearances will be limited to locations required for connecting last mile providers to the system. This will occur in small underground vaults placed below grade. The vaults will vary in size, depending on the size of the cable to be spliced, from about one and half by two feet square to about four foot by five feet square.

Q 22 5376 – Northwest Open Access Network BTOP Project Description Aerial Fiber Optic Cable

This project will involve the construction of approximately 366.6 miles of aerial outside plant facilities in order to provide broadband services to rural areas of Washington. The proposed construction will take place in Adams, Benton, Clark, Columbia, Ferry, Franklin, Grant, Grays Harbor, Jefferson, Kitsap, Kittitas, Lewis, Lincoln, Mason, Pacific, Pend Oreille, Pierce, Okanogan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Walla Walla, Whatcom and Yakima Counties of Washington, as served by Northwest Open Access Network (NOANET).

The aerial plant will consist of fiber optic cables placed on existing pole lines. This construction requires make ready, placing strand and lashing the cable onto the strand. The estimated number of poles to be changed out for new is 440, along with an estimated 936 poles to be modified for clearance for the attachment of new facilities. The construction will follow NESC Code rules as applied to attaching to existing pole lines.

Q 23 5376 – Northwest Open Access Network BTOP Project Description Facilities

This project will involve the construction of approximately 510.8 miles of aerial and buried outside plant facilities in order to provide broadband services to rural areas of Washington. 366.6 miles of construction will be aerial and 144.2 miles of buried construction. The proposed construction will take place in Adams, Benton, Clark, Columbia, Ferry, Franklin, Grant, Grays Harbor, Jefferson, Kitsap, Kittitas, Lewis, Lincoln, Mason, Pacific, Pend Oreille, Pierce, Okanogan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Walla Walla, Whatcom and Yakima Counties of Washington, as served by Northwest Open Access Network (NOANET). The following describes the number and dimensions of the proposed facilities or structures:

- a) There are two new microwave towers proposed in this project. One tower will be 180 feet in height with a total pad size of 70 feet by 60 feet which includes a building and generator set. The second tower will be 80 feet in height with a total pad size of 50 feet by 50 feet that also includes a building and generator set.
- b) This project proposal includes installation of 2 new pre-fabricated huts. These huts will 8 feet by 8 feet in dimension.
- c) No structures in this project require remodeling or renovation.
- d) No connections or attachments to existing structures are proposed in this project.
- e) No other facilities or structures are proposed in this project.

Q 24 5376 – Northwest Open Access Network BTOP Project Description Environmental Map

The environmental maps included in this application show the proposed routes of buried fiber optic cables in correlation environmental data in a pdf format. These maps can be submitted in other formats if required, such as dwg, shp or sdf.

Northwest Open Access Network
Species List by County

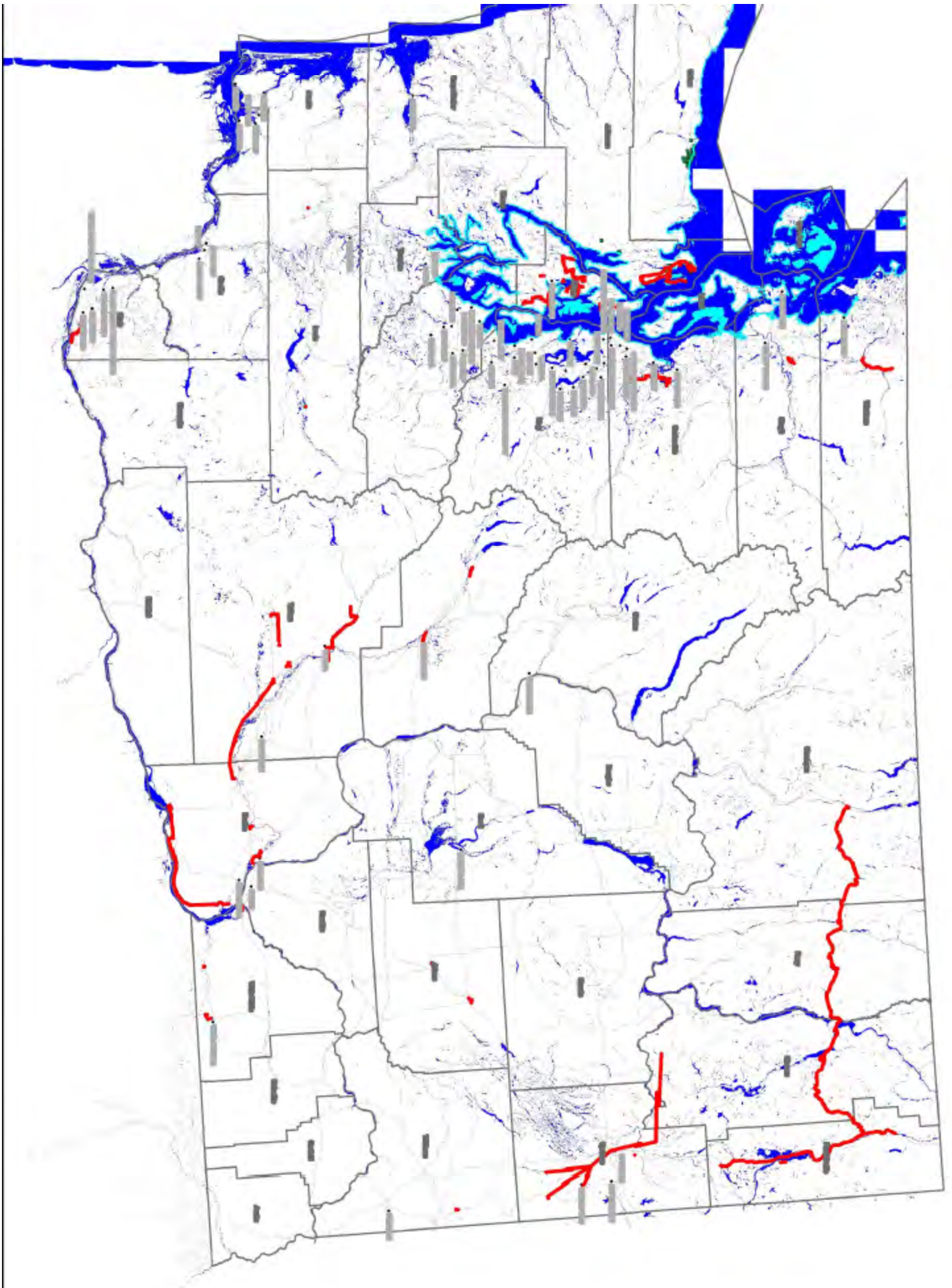
County	Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Adams	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Adams	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Adams	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Adams	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Adams	Flowering Plants	Spalding's Catchfly (<i>Silene spaldingii</i>)		Threatened	Idaho Fish And Wildlife Office	Spalding's Catchfly Final Recovery Plan	Final
Adams	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Adams	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Adams	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Adams	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Adams	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Adams	Mammals	Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Columbia Basin DPS	Endangered	Upper Columbia River Fish And Wildlife Office	Draft Recovery Plan for the Columbia Basin Distinct Population Segment of the Pygmy Rabbit(<i>Brachylagus idahoensis</i>)	Draft
Benton	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Benton	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Benton	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Benton	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Benton	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Benton	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Benton	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Benton	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Benton	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Benton	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Benton	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Benton	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Benton	Mammals	Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Columbia Basin DPS	Endangered	Upper Columbia River Fish And Wildlife Office	Draft Recovery Plan for the Columbia Basin Distinct Population Segment of the Pygmy Rabbit(<i>Brachylagus idahoensis</i>)	Draft
Clark	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Clark	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Clark	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Clark	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Clark	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Clark	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Clark	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Clark	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Clark	Flowering Plants	Bradshaw's desert-parsley (<i>Lomatium bradshawii</i>)		Endangered	Oregon Fish And Wildlife Office	Draft Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington	Draft
Clark	Flowering Plants	Nelson's checker-mallow (<i>Sidalcea nelsoniana</i>)		Threatened	Oregon Fish And Wildlife Office	Draft Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington	Draft
Clark	Flowering Plants	Golden Paintbrush (<i>Castilleja levisecta</i>)		Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Golden Paintbrush (<i>Castilleja levisecta</i>)	Final
Clark	Flowering Plants	Water howellia (<i>Howellia aquatilis</i>)		Threatened	Montana Ecological Services Field Office	Water Howellia (<i>Howellia aquatilis</i>) Recovery Plan, Public and Agency Review Draft	Draft
Clark	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Clark	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Clark	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Clark	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Clark	Mammals	Brush Prairie pocket gopher (<i>Thomomys mazama ssp. douglasii</i>)		Candidate	Washington Fish And Wildlife Office		
Columbia	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Columbia	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Columbia	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Columbia	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Columbia	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Columbia	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Columbia	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Columbia	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Columbia	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Columbia	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Columbia	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Columbia	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Columbia	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Ferry	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Ferry	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Ferry	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Ferry	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Ferry	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Ferry	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Ferry	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Ferry	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Ferry	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Ferry	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Ferry	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Ferry	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Ferry	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Franklin	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Franklin	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Franklin	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Franklin	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Franklin	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Franklin	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Franklin	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Franklin	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Franklin	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Franklin	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Franklin	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Franklin	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Franklin	Mammals	Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Columbia Basin DPS	Endangered	Upper Columbia River Fish And Wildlife Office	Draft Recovery Plan for the Columbia Basin Distinct Population Segment of the Pygmy Rabbit(<i>Brachylagus idahoensis</i>)	Draft
Grant	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Grant	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Grant	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Grant	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Grant	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Grant	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Grant	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Grant	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Grant	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Grant	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Grant	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Grant	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Grant	Mammals	Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Columbia Basin DPS	Endangered	Upper Columbia River Fish And Wildlife Office	Draft Recovery Plan for the Columbia Basin Distinct Population Segment of the Pygmy Rabbit(<i>Brachylagus idahoensis</i>)	Draft
Grays Harbor	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Grays Harbor	Birds	Short-tailed albatross (<i>Phoebastria (=Diomedea) albatrus</i>)		Endangered	Anchorage Fish And Wildlife Field Office	Short-Tailed Albatross (<i>Phoebastria albatrus</i>) Final Recovery Plan	Final

Grays Harbor	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final
Grays Harbor	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Grays Harbor	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Grays Harbor	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Grays Harbor	Birds	Western snowy plover (<i>Charadrius alexandrinus nivosus</i>)	Pacific coastal pop.	Threatened	Arcata Fish And Wildlife Office	Final Recovery Plan for the Western Snowy Plover	Final
Grays Harbor	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Grays Harbor	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Grays Harbor	Birds	Streaked Horned lark (<i>Eremophila alpestris strigata</i>)		Candidate	Washington Fish And Wildlife Office		
Grays Harbor	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Grays Harbor	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Grays Harbor	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Grays Harbor	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Grays Harbor	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Grays Harbor	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Grays Harbor	Insects	Oregon silverspot butterfly (<i>Speyeria zerene hippolyta</i>)		Candidate	Central Washington Field Office		
Grays Harbor	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Threatened	Oregon Fish And Wildlife Office	Revised Recovery Plan for the Oregon Silverspot Butterfly (<i>Speyeria zerene hippolyta</i>)	Final Revision 1
Grays Harbor	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Grays Harbor	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle	Final Revision 1
Grays Harbor	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Jacksonville Ecological Services Field Office	Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico	Final Revision 1
Grays Harbor	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Population of Atlantic Green Turtle	Final Revision 1
Grays Harbor	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Green Turtle	Final Revision 1
Jefferson	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Jefferson	Birds	Short-tailed albatross (<i>Phoebastria (=Diomedea) albatrus</i>)		Endangered	Anchorage Fish And Wildlife Field Office	Short-Tailed Albatross (<i>Phoebastria albatrus</i>) Final Recovery Plan	Final
Jefferson	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final
Jefferson	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Jefferson	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Jefferson	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Jefferson	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Jefferson	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Jefferson	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Jefferson	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Jefferson	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Jefferson	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Jefferson	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Jefferson	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Jefferson	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Central Washington Field Office		
Jefferson	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Jefferson	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle	Final Revision 1
Jefferson	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Jacksonville Ecological Services Field Office	Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico	Final Revision 1
Jefferson	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Population of Atlantic Green Turtle	Final Revision 1
Jefferson	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Green Turtle	Final Revision 1
Kitsap	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Kitsap	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Kitsap	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Kitsap	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Kitsap	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Kitsap	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Kitsap	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Kitsap	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Kitsap	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Kitsap	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Kitsap	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Central Washington Field Office		
Kitsap	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Kittitas	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Kittitas	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Kittitas	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Kittitas	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Kittitas	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Kittitas	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Kittitas	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Kittitas	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Kittitas	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Kittitas	Flowering Plants	Ute Ladies'-tresses (<i>Spiranthes diluvialis</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Kittitas	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Kittitas	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Kittitas	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted (Contiguous U.S. DPS)	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Kittitas	Mammals	Canada Lynx (<i>Lynx canadensis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Kittitas	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Kittitas	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Lewis	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Lewis	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Lewis	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Lewis	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Lewis	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Lewis	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Lewis	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Lewis	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Lewis	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Lewis	Flowering Plants	Nelson's checker-mallow (<i>Sidalcea nelsoniana</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Lewis	Flowering Plants	Kincaid's Lupine (<i>Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)</i>)		Threatened	Oregon Fish And Wildlife Office	Draft Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington	Draft
Lewis	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Threatened	Oregon Fish And Wildlife Office	Draft Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington	Draft
Lewis	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Lewis	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Lewis	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Lewis	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Lincoln	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Lincoln	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Lincoln	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Lincoln	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Lincoln	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Lincoln	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Lincoln	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Lincoln	Flowering Plants	Spalding's Catchfly (<i>Silene spaldingii</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Lincoln	Flowering Plants	Ute Ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Idaho Fish And Wildlife Office	Spalding's Catchfly Final Recovery Plan	Final
Lincoln	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Lincoln	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Lincoln	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Central Washington Field Office		
Lincoln	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Lincoln	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Lincoln	Mammals	Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Columbia Basin DPS	Endangered	Upper Columbia River Fish And Wildlife Office	Draft Recovery Plan for the Columbia Basin Distinct Population Segment of the Pygmy Rabbit(<i>Brachylagus idahoensis</i>)	Draft

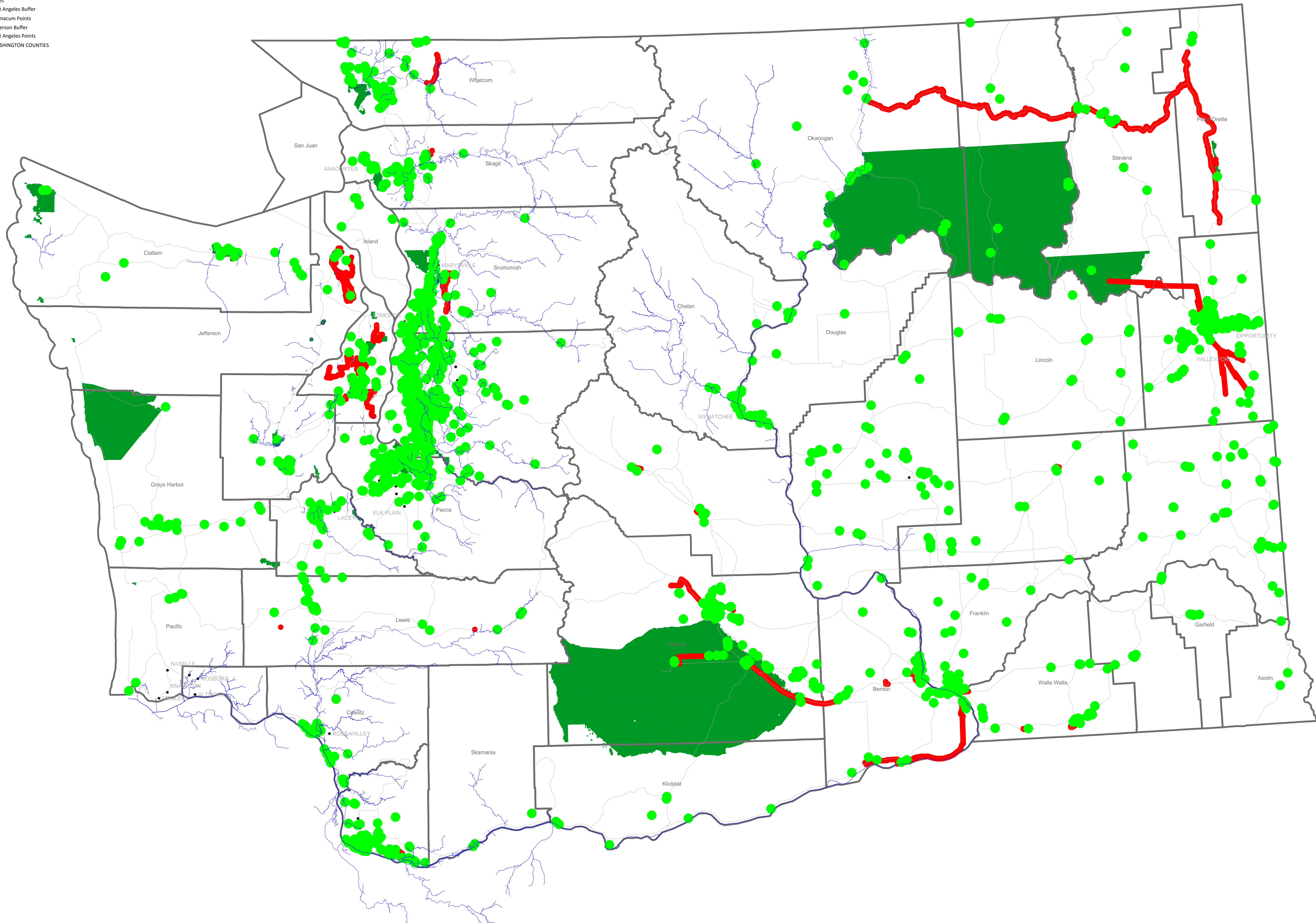
Mason	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Mason	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Mason	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Mason	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Mason	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Mason	Birds	Streaked Horned lark (<i>Eremophila alpestris strigata</i>)		Candidate	Washington Fish And Wildlife Office		
Mason	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Mason	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Mason	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Mason	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Mason	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Mason	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Mason	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Central Washington Field Office		
Mason	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Mason	Mammals	Shelton pocket gopher (<i>Thomomys mazama ssp. couchi</i>)		Candidate	Washington Fish And Wildlife Office		
Pacific	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery	Washington Fish And Wildlife Office		
Pacific	Birds	Short-tailed albatross (<i>Phoebastria (=Diomedea) albatrus</i>)		Endangered	Anchorage Fish And Wildlife Field Office	Short-Tailed Albatross (<i>Phoebastria albatrus</i>) Final Recovery Plan	Final
Pacific	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final
Pacific	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Pacific	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Pacific	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Pacific	Birds	Western snowy plover (<i>Charadrius alexandrinus nivosus</i>)	Pacific coastal pop.	Threatened	Arcata Fish And Wildlife Office	Final Recovery Plan for the Western Snowy Plover	Final
Pacific	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Pacific	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Pacific	Birds	Streaked Horned lark (<i>Eremophila alpestris strigata</i>)		Candidate	Washington Fish And Wildlife Office		
Pacific	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Pacific	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Pacific	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pacific	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pacific	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Pacific	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Pacific	Insects	Oregon silverspot butterfly (<i>Speyeria zerene hippolyta</i>)		Threatened	Central Washington Field Office		
Pacific	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Oregon Fish And Wildlife Office	Revised Recovery Plan for the Oregon Silverspot Butterfly (<i>Speyeria zerene hippolyta</i>)	Final Revision 1
Pacific	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Pacific	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Washington Fish And Wildlife Office		
Pacific	Reptiles	Leatherback sea turtle (<i>Dermochelys coriacea</i>)		Endangered	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle	Final Revision 1
Pacific	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico	Final Revision 1
Pacific	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Population of Atlantic Green Turtle	Final Revision 1
Pacific	Reptiles	Green sea turtle (<i>Chelonia mydas</i>)	except where endangered	Threatened	Jacksonville Ecological Services Field Office	Recovery Plan for U.S. Pacific Populations of the Green Turtle	Final Revision 1
Pend Oreille	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Pend Oreille	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Pend Oreille	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Pend Oreille	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Pend Oreille	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Pend Oreille	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pend Oreille	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pend Oreille	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Pend Oreille	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Pend Oreille	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Pend Oreille	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Pend Oreille	Mammals	Woodland caribou (<i>Rangifer tarandus caribou</i>)	Selkirk Mountain population	Endangered	Idaho Fish And Wildlife Office	Recovery Plan for Selkirk Mountain Woodland Caribou	Final Revision 2
Pend Oreille	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Pend Oreille	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Pierce	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Pierce	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Pierce	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Pierce	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Pierce	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Pierce	Birds	Streaked Horned lark (<i>Eremophila alpestris strigata</i>)		Candidate	Washington Fish And Wildlife Office		
Pierce	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Pierce	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Pierce	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pierce	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Pierce	Flowering Plants	Marsh Sandwort (<i>Arenaria paludicola</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Pierce	Flowering Plants	Golden Paintbrush (<i>Castilleja levisecta</i>)		Endangered	Ventura Fish And Wildlife Office	Recovery Plan for Marsh Sandwort (<i>Arenaria paludicola</i>) and Gambel's Watercress (<i>Rorippa gambelii</i>)	Final
Pierce	Flowering Plants	Water howellia (<i>Howellia aquatilis</i>)		Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Golden Paintbrush (<i>Castilleja levisecta</i>)	Final
Pierce	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Threatened	Montana Ecological Services Field Office	Water Howellia (<i>Howellia aquatilis</i>) Recovery Plan, Public and Agency Review Draft	Draft
Pierce	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Pierce	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Candidate	Central Washington Field Office		
Pierce	Mammals	Roy Prairie pocket gopher (<i>Thomomys mazama glacialis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Pierce	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Pierce	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Pierce	Mammals	Yelm pocket gopher (<i>Thomomys mazama yelmensis</i>)		Candidate	Washington Fish And Wildlife Office		
Okanogan	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Okanogan	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Okanogan	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Okanogan	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Okanogan	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Okanogan	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Okanogan	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Okanogan	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Okanogan	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Office Of The Regional Director		
Okanogan	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Okanogan	Flowering Plants	White Bluffs bladderpod (<i>Physaria (= Lesquerella) tuplashensis</i>)		Candidate	Central Washington Field Office		
Okanogan	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Okanogan	Mammals	Gray wolf (<i>Canis lupus</i>)	Northern Rocky Mountain DPS	Recovery	Office Of The Regional Director		
Okanogan	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Okanogan	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Okanogan	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Skagit	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Skagit	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final
Skagit	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Skagit	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Skagit	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Skagit	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Skagit	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Skagit	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Skagit	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Skagit	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Skagit	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Skagit	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		

Skagit	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Skagit	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Skagit	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted (Contiguous U.S. DPS)	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Skagit	Mammals	Canada Lynx (<i>Lynx canadensis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Skagit	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Skagit	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Skamania	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Skamania	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)	Columbia basin DPS	Recovery			
Skamania	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)		Candidate	Upper Columbia River Fish And Wildlife Office		
Skamania	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Skamania	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Skamania	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Skamania	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Skamania	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Skamania	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Skamania	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Skamania	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Skamania	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Skamania	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Skamania	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Snomish	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Snomish	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final
Snomish	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Snomish	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Snomish	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate			
Snomish	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Upper Columbia River Fish And Wildlife Office		
Snomish	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Snomish	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Snomish	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Snomish	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Snomish	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Snomish	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Snomish	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Snomish	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Snomish	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Snomish	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted (Contiguous U.S. DPS)	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Snomish	Mammals	Canada Lynx (<i>Lynx canadensis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Snomish	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Snomish	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Spokane	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Spokane	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Spokane	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate			
Spokane	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Upper Columbia River Fish And Wildlife Office		
Spokane	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Spokane	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Spokane	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Spokane	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Spokane	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Spokane	Flowering Plants	Spalding's Catchfly (<i>Silene spaldingii</i>)		Threatened	Idaho Fish And Wildlife Office	Spalding's Catchfly Final Recovery Plan	Final
Spokane	Flowering Plants	Water howellia (<i>Howellia aquatilis</i>)		Threatened	Montana Ecological Services Field Office	Water Howellia (<i>Howellia aquatilis</i>) Recovery Plan, Public and Agency Review Draft	Draft
Spokane	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Spokane	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Spokane	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Spokane	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Spokane	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Stevens	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Stevens	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Stevens	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate			
Stevens	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Upper Columbia River Fish And Wildlife Office		
Stevens	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Stevens	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Stevens	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Stevens	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Stevens	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Stevens	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Stevens	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Stevens	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Stevens	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted (Contiguous U.S. DPS)	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Stevens	Mammals	Canada Lynx (<i>Lynx canadensis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Stevens	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Stevens	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Thurston	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Thurston	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Thurston	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate			
Thurston	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Upper Columbia River Fish And Wildlife Office		
Thurston	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Thurston	Birds	Streaked Horned lark (<i>Eremophila alpestris strigata</i>)		Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Thurston	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Washington Fish And Wildlife Office		
Thurston	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Thurston	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Thurston	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Thurston	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Thurston	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Thurston	Flowering Plants	Golden Paintbrush (<i>Castilleja levisecta</i>)		Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Golden Paintbrush (<i>Castilleja levisecta</i>)	Final
Thurston	Flowering Plants	Water howellia (<i>Howellia aquatilis</i>)		Threatened	Montana Ecological Services Field Office	Water Howellia (<i>Howellia aquatilis</i>) Recovery Plan, Public and Agency Review Draft	Draft
Thurston	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Thurston	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Thurston	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Thurston	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Thurston	Mammals	Olympia pocket gopher (<i>Thomomys mazama pugetensis</i>)		Candidate	Washington Fish And Wildlife Office		
Thurston	Mammals	Tenino pocket gopher (<i>Thomomys mazama tumuli</i>)		Candidate	Washington Fish And Wildlife Office		
Thurston	Mammals	Yelm pocket gopher (<i>Thomomys mazama yelmensis</i>)		Candidate	Washington Fish And Wildlife Office		
Walla Walla	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Walla Walla	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Walla Walla	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate			
Walla Walla	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Upper Columbia River Fish And Wildlife Office		
Walla Walla	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Walla Walla	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Walla Walla	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Walla Walla	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Walla Walla	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Threatened	Idaho Fish And Wildlife Office		
Walla Walla	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Walla Walla	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Walla Walla	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Walla Walla	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Walla Walla	Mammals	Canada Lynx (<i>Lynx canadensis</i>)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Walla Walla	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Walla Walla	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		
Whatcom	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Whatcom	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	California Brown Pelican Recovery Plan	Final

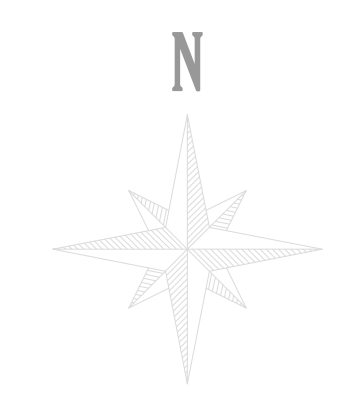
Whatcom	Birds	Brown pelican (<i>Pelecanus occidentalis</i>)	except U.S. Atlantic coast, FL, AL	Recovery	Ventura Fish And Wildlife Office	Brown Pelican Recovery Plan (Puerto Rico/Virgin Islands Pop.)	Final
Whatcom	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Whatcom	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Whatcom	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Whatcom	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Whatcom	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Whatcom	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Whatcom	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Whatcom	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Whatcom	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Whatcom	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Whatcom	Mammals	Grizzly bear (<i>Ursus arctos horribilis</i>)	lower 48 States, except where listed as an experimental population or delisted (Contiguous U.S. DPS)	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Whatcom	Mammals	Canada Lynx (<i>Lynx canadensis</i>)		Threatened	Montana Ecological Services Field Office	Recovery Outline for the Contiguous United States Distinct Population Segment of Canada Lynx (<i>Lynx canadensis</i>)	Outline
Whatcom	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Whatcom	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate			
Yakima	Birds	Aleutian Canada goose (<i>Branta canadensis leucopareia</i>)		Recovery			
Yakima	Birds	Arctic peregrine Falcon (<i>Falco peregrinus tundrius</i>)		Recovery			
Yakima	Birds	Greater sage-grouse (<i>Centrocercus urophasianus</i>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Yakima	Birds	Northern spotted owl (<i>Strix occidentalis caurina</i>)		Threatened	Oregon Fish And Wildlife Office	Final Recovery Plan for the Northern Spotted Owl (<i>Strix occidentalis caurina</i>)	Final
Yakima	Birds	Marbled murrelet (<i>Brachyramphus marmoratus</i>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<i>Brachyramphus marmoratus</i>) in Washington, Oregon, and California	Final
Yakima	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<i>Salvelinus confluentus</i>)	Draft
Yakima	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Yakima	Fishes	Bull Trout (<i>Salvelinus confluentus</i>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbidge River Distinct Population Segment of Bull Trout	Draft
Yakima	Fishes	Dolly Varden (<i>Salvelinus malma</i>)		Proposed Similarity of Appearance (Threatened)	Office Of The Regional Director		
Yakima	Flowering Plants	Ute ladies'-tresses (<i>Spiranthes diluvialis</i>)		Threatened	Utah Ecological Services Field Office	Ute Ladies'-Tresses Draft Recovery Plan	Draft
Yakima	Flowering Plants	Umtanum Desert buckwheat (<i>Eriogonum codium</i>)		Candidate	Central Washington Field Office		
Yakima	Flowering Plants	White Bluffs bladderpod (<i>Physaria</i> (= <i>Lesquerella</i>) <i>tuplashensis</i>)		Candidate	Central Washington Field Office		
Yakima	Mammals	Louie's western pocket gopher (<i>Thomomys mazama louiei</i>)		Candidate	Washington Fish And Wildlife Office		
Yakima	Mammals	Tacoma western pocket gopher (<i>Thomomys mazama tacomensis</i>)		Candidate	Washington Fish And Wildlife Office		



- Legend**
- Washington Tribal
 - Critical Habitats
 - Brownfield EPA Data
 - Major Highways
 - Round 2 routes
 - Cities
 - Port Angeles Buffer
 - Chimacum Points
 - Jefferson Buffer
 - Port Angeles Points
 - WASHINGTON COUNTIES



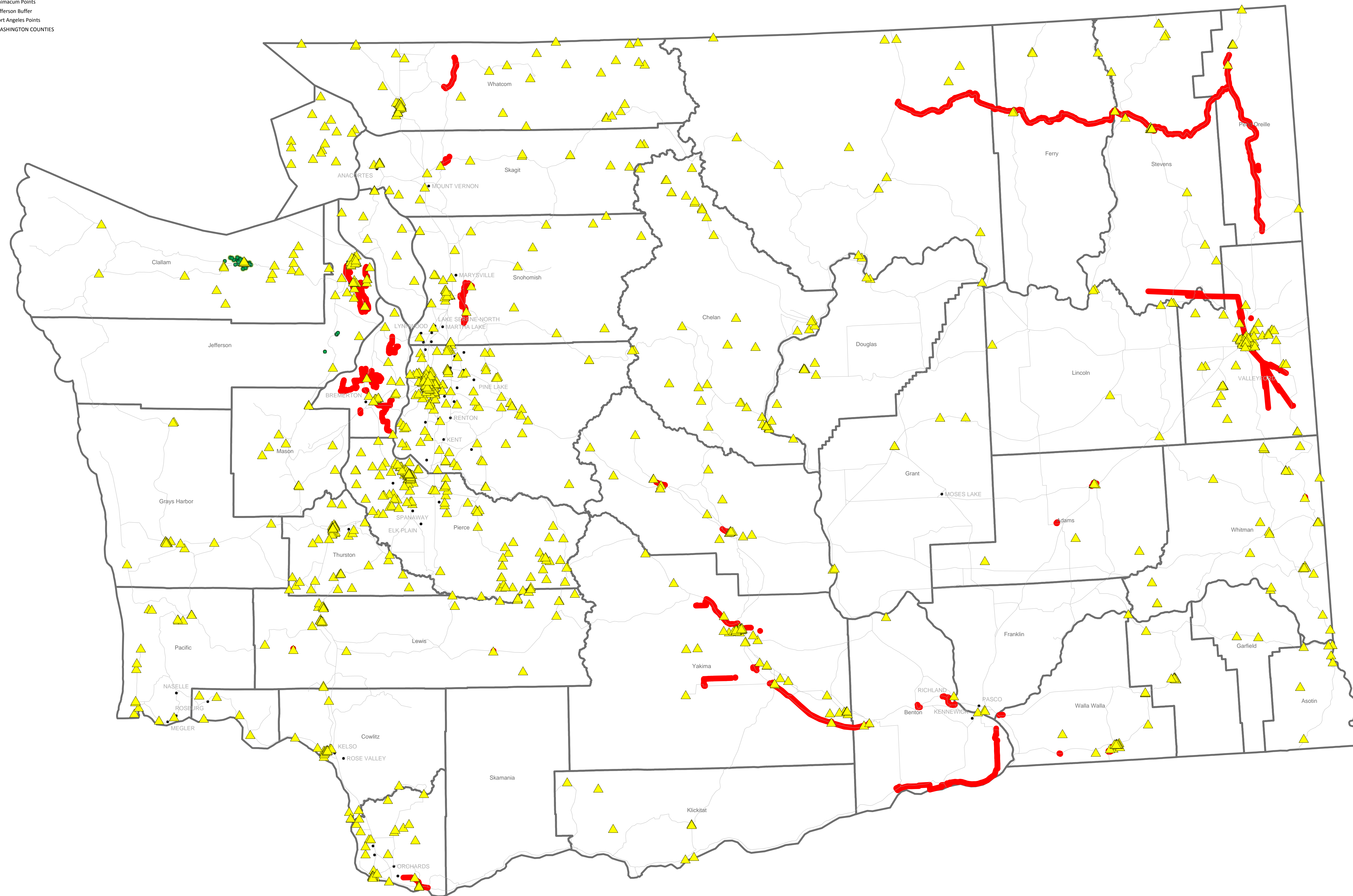
DATE CREATED: 3/24/2010
 DATE REVISED: 3/24/2010
 DRAWN BY: Keeton Walden



SCALE:
 COMPANY:
 Northwest Open Access Network
 SYSTEM:
 PROJECT NUMBER:
 DESCRIPTION:
 Environmental Map
 MAP:
 1
 1 OF 2



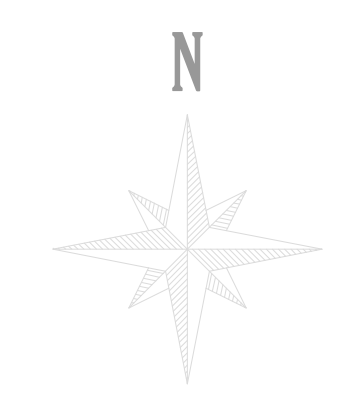
- Legend**
- National Registry of Historical Places
 - Major Highways
 - Round 2 routes
 - Cities
 - Port Angeles Buffer
 - Chimacum Points
 - Jefferson Buffer
 - Port Angeles Points
 - WASHINGTON COUNTIES



DATE CREATED: 3/24/2010

DATE REVISED: 3/24/2010

DRAWN BY: Keeton Walden



SCALE:

COMPANY:
Northwest Open Access Network

SYSTEM:

PROJECT NUMBER:

DESCRIPTION:
SHPO Map

MAP:

1
1 OF 1



MOSSES ADAMS

**NORTHWEST OPEN ACCESS
NETWORK**

**INDEPENDENT AUDITOR'S REPORT
AND FINANCIAL STATEMENTS**

DECEMBER 31, 2009 AND 2008

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INDEPENDENT AUDITOR'S REPORT

Board of Directors
Northwest Open Access Network

We have audited the accompanying balance sheets of Northwest Open Access Network (NoaNet) as of December 31, 2009 and 2008 and the related statements of operations and changes in net deficit and cash flows for the years then ended. These financial statements are the responsibility of NoaNet's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Northwest Open Access Network as of December 31, 2009 and 2008 and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

The audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedules of operating expenses are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has been subjected to the audit procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

The accompanying Management's Discussion and Analysis is not a required part of the basic financial statements but is supplementary information required by the Governmental Accounting Standards Board (GASB). We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.



Portland, Oregon
June 8, 2010

NORTHWEST OPEN ACCESS NETWORK MANAGEMENT'S DISCUSSION AND ANALYSIS

This discussion and analysis is designed to provide an overview of NoaNet's financial activities for the years ended December 31, 2009 and 2008. This supplementary information should be read in conjunction with NoaNet's financial statements and notes to financial statements.

NoaNet is a non-profit mutual corporation incorporated on February 7, 2000 in the State of Washington. Its members include twelve public utility districts and a joint operating agency, all of which are municipal corporations of the State of Washington. NoaNet is a registered Competitive Local Exchange Carrier (CLEC) in Washington and Oregon.

NoaNet is a wholesaler of communication transport services and provides open access, cost-based, high-speed broadband to underserved areas over its fiber optic network.

The Network

NoaNet's fiber optic network reaches to most regions in the State of Washington and travels primarily over facilities of the Bonneville Power Administration. In addition to the network facilities in Washington, NoaNet has facilities that transit Idaho as well as nodes in Oregon, with an undersea connection to Alaska and Asia.

Financial Summary and Analysis

During 2009 and 2008, NoaNet's operating revenues increased approximately 13% and 17%, respectively, from new customers and expanded services to existing customers resulting in positive operating income, EBITDA and operating cash flow. The revenue bond debt service was partially paid by its members and several former members pursuant to a repayment agreement.

In 2006 NoaNet established the High Capacity Network (HCN) System in connection with an Indefeasible Right of Use agreement to provide communication transport capacity entered into with a specific customer. This agreement resulted in deferred revenues of \$13.6 and \$15.5 million at December 31, 2009 and 2008, respectively. During 2009, \$2.7 million was collected on the agreement. No amounts were collected on the agreement in 2008.

Selected Financial Data

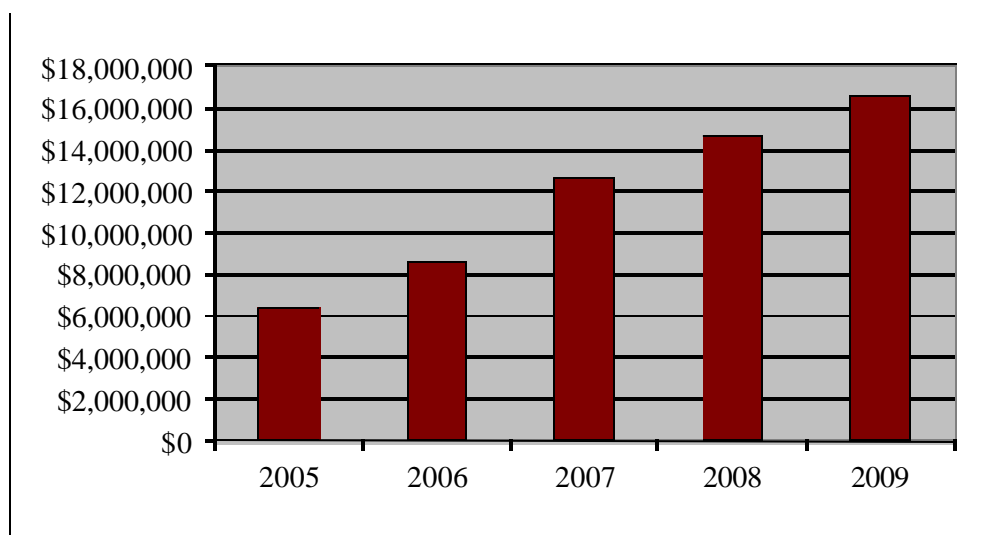
	<u>2009</u>	<u>2008</u>	<u>2007</u>
Operating revenues	\$ 16,606,731	\$ 14,743,419	\$ 12,641,490
Operating expenses	(14,782,834)	(13,720,534)	(12,477,776)
Other expense, net	(1,171,566)	(1,094,797)	(1,368,915)
Net income (loss)	<u>652,331</u>	<u>(71,912)</u>	<u>(1,205,201)</u>
Member payments	<u>1,570,801</u>	<u>2,570,757</u>	<u>3,073,318</u>
Change in net deficit	<u>\$ 2,223,132</u>	<u>\$ 2,498,845</u>	<u>\$ 1,868,117</u>

NORTHWEST OPEN ACCESS NETWORK MANAGEMENT'S DISCUSSION AND ANALYSIS

Selected Financial Data

	2009	2008	2007
Net property and equipment	\$ 13,314,789	\$ 13,050,309	\$ 13,287,759
Other assets	17,259,276	20,342,616	20,135,330
Total assets	\$ 30,574,065	\$ 33,392,925	\$ 33,423,089
Long-term liabilities, net of current portion	\$ 30,873,741	\$ 34,694,319	\$ 37,631,893
Other liabilities	6,926,212	8,147,626	7,739,061
Total liabilities	37,799,953	42,841,945	45,370,954
Invested in capital assets, net of related debt	(32,179)	(1,317,617)	(1,852,232)
Restricted	-	-	-
Unrestricted	(7,193,709)	(8,131,403)	(10,095,633)
Total net deficit	(7,225,888)	(9,449,020)	(11,947,865)
Total liabilities and net deficit	\$ 30,574,065	\$ 33,392,925	\$ 33,423,089

Operating Revenues



The revenue growth is the result of expanded services to members, including network coordinated services, and new agreements with major wholesale customers.

NORTHWEST OPEN ACCESS NETWORK MANAGEMENT'S DISCUSSION AND ANALYSIS

Capital Assets and Debt Activity

At December 31, 2009 and 2008, NoaNet had \$32.2 and \$30.3 million, respectively, invested in the network infrastructure, an increase from the prior year of 6% and 10%, respectively. The network book value, net of depreciation, amounted to \$13.3 million at December 31, 2009 and \$13.1 million at December 31, 2008. The capital expenditures include network expansion for new transport agreements and network upgrades. See Note 5 for further information.

At December 31, 2009 and 2008, NoaNet had \$20.7 and \$22.6 million in debt outstanding, respectively. In 2009 and 2008 NoaNet made debt principal payments totaling \$3.3 and \$3.0 million, respectively. In both 2009 and 2008 NoaNet established a \$1.5 million non-revolving line of credit (note payable) drawing the full amount in order to finance capital expenditures. See Notes 6 and 7 for further information.

Summary

During 2009 and 2008, the general economic climate for broadband in the underserved areas of the state of Washington was favorable resulting in increasing demand for broadband access. The broadband access has been a contributor to help diversify and enhance local economies. Agreements with major telecommunication providers resulted in award of significant contracts with the State of Washington and others. This has extended high-speed broadband into the underserved areas of the state for distance learning, e-government, telemedicine and other public benefit purposes. Implementation and expansion of new services to more communities through these contracts continues the growth of the network footprint throughout the State of Washington. While national economic conditions have worsened, NoaNet did not experience any significant ill effects from the downturn in 2009 or 2008.

Outlook

In February of 2010 NoaNet was awarded an \$84.3 million federal grant under the Broadband Technology Opportunities Program (BTOP). The federal investment will provide long-term benefit by helping to bridge the digital divide through technology advancement, boost economic growth, create jobs, enhance support services to populations impacted by the recession and improve education and healthcare in Washington State. The grant will bring high-speed Internet access to more than 100 community anchor institutions – including community colleges, libraries, healthcare facilities and government agencies – and lay the groundwork for bringing affordable broadband service to thousands of homes and businesses in the region. The investment will allow NoaNet to deliver new and enhanced broadband capabilities to some of the more remote regions of the state by adding 830 miles of fiber and eight new microwave sites to NoaNet's existing high-speed network. The project will create new jobs and expand NoaNet's high-speed network so that it can reach more rural communities, lowering the barriers for 'last mile' Internet providers to make the investment to bring fast broadband service to un-served and underserved communities. The rural, un-served and underserved proposed service areas of this project have higher than the national average unemployment and under-employment rates. This project will allow more than 28 service providers currently working with NoaNet to extend into the new markets with a range of wireline and wireless technologies from the 81 new points of presence pushing gigabit Ethernet closer to the consumer than possible without the BTOP program.

**NORTHWEST OPEN ACCESS NETWORK
BALANCE SHEET**

ASSETS

	December 31,	
	2009	2008
CURRENT ASSETS		
Cash and cash equivalents	\$ 21,512	\$ 1,139,749
HCN cash and cash equivalents - restricted	10,552,598	10,320,579
Receivables		
Accounts receivable, net	2,681,039	2,752,975
Current portion of HCN contract receivable	-	2,745,000
Prepaid and deferred expenses	1,583,849	1,251,298
	<u>14,838,998</u>	<u>18,209,601</u>
PROPERTY AND EQUIPMENT		
Equipment	25,816,436	23,880,857
Structures	6,420,368	6,399,254
	<u>32,236,804</u>	<u>30,280,111</u>
Less accumulated depreciation	18,922,015	17,229,802
	<u>13,314,789</u>	<u>13,050,309</u>
OTHER ASSETS		
Prepaid IRU agreements	712,164	373,375
Bond reserve restricted investments	1,538,721	1,546,000
Unamortized bond issuance costs	169,393	213,640
	<u>2,420,278</u>	<u>2,133,015</u>
Total other assets	<u>2,420,278</u>	<u>2,133,015</u>
Total assets	<u>\$ 30,574,065</u>	<u>\$ 33,392,925</u>

**NORTHWEST OPEN ACCESS NETWORK
BALANCE SHEET**

LIABILITIES AND NET DEFICIT

	December 31,	
	2009	2008
CURRENT LIABILITIES		
Accounts payable	\$ 597,007	\$ 1,878,301
Accrued compensated absences	446,395	416,936
Accrued interest payable	108,519	122,022
Deferred revenue and other accrued liabilities	24,610	554,354
Current portion of HCN deferred revenue	1,996,407	1,938,089
Current portion of notes payable	1,828,274	1,427,924
Current portion of revenue bonds	1,925,000	1,810,000
Total current liabilities	6,926,212	8,147,626
LONG-TERM LIABILITIES, net of current portion		
Notes payable	2,358,947	2,778,494
Revenue bonds	14,625,000	16,550,000
HCN deferred revenue	11,769,467	13,566,622
Accrued pension payable	2,120,327	1,799,203
Total long-term liabilities	30,873,741	34,694,319
Total liabilities	37,799,953	42,841,945
NET DEFICIT		
Invested in capital assets, net of related debt	(32,179)	(1,317,617)
Restricted	-	-
Unrestricted	(7,193,709)	(8,131,403)
Total net deficit	(7,225,888)	(9,449,020)
Total liabilities and net deficit	\$ 30,574,065	\$ 33,392,925

NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF OPERATIONS AND CHANGES IN NET DEFICIT

	Year Ended December 31,	
	2009	2008
OPERATING REVENUES		
Regional service providers	\$ 11,148,485	\$ 9,818,413
Local service providers	1,132,760	988,414
Access revenues	2,363,570	1,955,501
Network coordinated services	791,074	634,677
Non-recurring charges	1,170,842	1,346,414
	<u>16,606,731</u>	<u>14,743,419</u>
OPERATING EXPENSES	<u>14,782,834</u>	<u>13,720,534</u>
OPERATING INCOME	<u>1,823,897</u>	<u>1,022,885</u>
OTHER INCOME (EXPENSE)		
Interest income	98,628	313,765
Interest expense and related amortization	(1,430,920)	(1,630,164)
Other income	160,726	221,602
	<u>(1,171,566)</u>	<u>(1,094,797)</u>
NET INCOME (LOSS)	652,331	(71,912)
MEMBER PAYMENTS	<u>1,570,801</u>	<u>2,570,757</u>
CHANGE IN NET DEFICIT	2,223,132	2,498,845
NET DEFICIT, beginning of year	<u>(9,449,020)</u>	<u>(11,947,865)</u>
NET DEFICIT, end of year	<u><u>\$ (7,225,888)</u></u>	<u><u>\$ (9,449,020)</u></u>

**NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF CASH FLOWS**

	Year Ended December 31,	
	2009	2008
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash from customers	\$ 17,155,086	\$ 13,523,469
Cash paid to suppliers	(12,225,442)	(8,063,812)
Cash paid to employees	(2,146,458)	(1,968,030)
Taxes paid	(320,772)	(321,286)
Net cash from operating activities	<u>2,462,414</u>	<u>3,170,341</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Net activity on investments	7,279	(7,716)
Other income	160,726	221,602
Interest received	98,628	456,130
Net cash from investing activities	<u>266,633</u>	<u>670,016</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Borrowings on note payable	1,500,000	1,500,000
Payments on notes payable	(1,519,197)	(1,328,417)
Payments on bonds	(1,810,000)	(1,705,000)
Interest paid	(1,400,176)	(1,602,710)
Net purchase of property and equipment	(1,956,693)	(2,673,058)
Member payments	1,570,801	2,570,757
Net cash from capital and related financing activities	<u>(3,615,265)</u>	<u>(3,238,428)</u>
CHANGE IN CASH AND CASH EQUIVALENTS	(886,218)	601,929
CASH AND CASH EQUIVALENTS, beginning of year	<u>11,460,328</u>	<u>10,858,399</u>
CASH AND CASH EQUIVALENTS, end of year	<u>\$ 10,574,110</u>	<u>\$ 11,460,328</u>

See accompanying notes.

NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF CASH FLOWS

Reconciliation of operating income to net cash from operating activities:

	Year Ended December 31,	
	2009	2008
CASH FLOWS FROM OPERATING ACTIVITIES		
Operating income	\$ 1,823,897	\$ 1,022,885
Adjustments to reconcile operating income to net cash from operating activities		
Depreciation	1,692,213	2,910,508
Change in assets and liabilities		
Accounts receivable	71,936	470,076
HCN contract receivable	2,745,000	(305,000)
Prepaid and deferred expenses	(671,340)	46,175
Accounts payable	(1,281,294)	(87,642)
Accrued liabilities	350,583	498,365
Deferred revenue and other accrued liabilities	(529,744)	248,063
HCN deferred revenue	(1,738,837)	(1,633,089)
	<u>2,462,414</u>	<u>3,170,341</u>
Net cash from operating activities	\$ 2,462,414	\$ 3,170,341

NORTHWEST OPEN ACCESS NETWORK NOTES TO FINANCIAL STATEMENTS

NOTE 1 – NATURE OF ORGANIZATION AND OPERATIONS

Northwest Open Access Network (NoaNet), a Washington non-profit mutual corporation, was incorporated in February 2000. NoaNet consists of the Telecommunications System and the High Capacity Network (HCN) System.

The Telecommunications System provides a broadband communication backbone, primarily over public benefit fibers licensed from Bonneville Power Administration (See Note 8), throughout Washington State for assisting its members in providing high speed telecommunication services to customers and in the efficient management of load, conservation and acquisition of electric energy, as well as other purposes. In addition, the Telecommunications System conducts business on a wholesale basis with unrelated commercial and government entities. The fiber optic network began commercial operation in January 2001.

The HCN System was formed in connection with an Indefeasible Right of Use agreement to provide communication transport capacity entered into with a specific customer (See Note 11). As of December 31, 2009 and 2008, the assets, liabilities, operations and cash flows of the HCN System are included for financial reporting purposes with the Telecommunications System.

NoaNet is governed by a board of directors consisting of seven persons selected from the thirteen members. NoaNet's members consist of Washington Public Utility Districts and a joint operating agency.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting entity – In evaluating how to define NoaNet for financial reporting purposes, management has considered NoaNet's financial reporting entity. The financial reporting entity consists of NoaNet and component units. Component units are legally separate organizations for which NoaNet is financially accountable and other organizations for which NoaNet is not accountable but for which the nature and significance of their relationship with NoaNet are such that the exclusion would cause NoaNet's financial statements to be misleading or incomplete. Based upon this criterion, NoaNet has no component units.

Basis of accounting and presentation – The financial statements of NoaNet have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. NoaNet applies all applicable Governmental Accounting Standards Board (GASB) pronouncements as well as Financial Accounting Standards Board (FASB) guidance issued on or before November 30, 1989 unless the guidance conflicts with or contradicts GASB pronouncements. As allowed under GASB No. 20, NoaNet has elected to apply all applicable FASB guidance issued after November 30, 1989, except for that which conflicts with or contradicts GASB pronouncements.

NORTHWEST OPEN ACCESS NETWORK

NOTES TO FINANCIAL STATEMENTS

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – (continued)

Cash equivalents – NoaNet considers all highly liquid investment securities, including restricted, with an original maturity of three months or less to be cash equivalents (See Note 3).

Accounts receivable – Accounts receivable are recorded when invoices are issued and written off when they are determined to be uncollectible. Credit is extended to customers generally without collateral requirements. The allowance for doubtful accounts is estimated based on NoaNet's historical losses, review of specific problem accounts, existing economic conditions and the financial stability of its customers. Generally, NoaNet considers accounts receivable past due after 30 days. The allowance for doubtful accounts was \$30,000 at December 31, 2009 and 2008.

Property and equipment – Property and equipment are stated at cost (See Note 5). Cost includes contracted services, direct labor and materials, interest capitalized during construction and indirect charges for other overhead items. Expenditures for normal repairs and maintenance are charged to operations as incurred; renewals, replacements and betterments are capitalized (\$1,000 capitalization threshold). NoaNet has provided for depreciation using the straight-line method over the estimated useful lives of the assets ranging from three to twenty years. Depreciation expense for the years ended December 31, 2009 and 2008 was \$1,692,213 and \$2,910,508, respectively. NoaNet is conducting a depreciation study and during 2009 revised the life of certain assets resulting in a reduction in depreciation expense from this change in estimate of approximately \$1.3 million.

Fiber optic network assets include rights of way, conduit, fiber, shelters and point of presence racks. Operating equipment includes network equipment and other equipment necessary to operate the network.

NoaNet's policy is to depreciate its long-lived assets over their remaining useful life and to write-down such assets if the net carrying value is not recoverable from future cash flows. The assessment as to whether a write-down is required is based on NoaNet's estimates of future cash flows and NoaNet's assumptions about the use of assets. There were no write-downs in 2009 or 2008.

Prepaid IRU agreements – Indefeasible Right of Use (IRU) agreements that are being amortized to expense on a straight-line basis over the term of the agreements.

Unamortized bond issuance costs – Bond issuance costs relating to the revenue bonds are amortized over the life of the bond issue using a weighted average of the face amount of bonds outstanding. Amortization expense was \$44,551 and \$48,744 for the years ended December 31, 2009 and 2008, respectively.

Compensated absences – NoaNet accrues accumulated unpaid vacation benefits as the obligation is incurred. The accrued liability for unpaid vacation leave at December 31, 2009 and 2008 was \$446,395 and \$416,936, respectively.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – (continued)

Deferred revenue – Deferred revenue consists of revenues from an IRU agreement and prepaid communication transport service revenue, which are amortized to operating revenue in equal monthly installments over the term of the agreements (See Note 11).

Revenue recognition – Revenue is recognized over the period the service is provided based upon port readings of traffic (megabytes of data) and billed at the ninety-fifth percentile to account for anomalies or by contractual agreements. Non-recurring charges consist of connection fees and project management services and are recognized when the service is established.

IRU agreements are accounted for as operating leases or service arrangements depending on whether the customer has the exclusive right to use the assets. Revenue is recognized on both operating leases and service arrangements on a straight-line basis over the term of the contract.

Net assets – Net assets consist of the following components:

- **Invested in capital assets, net of related debt** – This component of net assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of bonds and notes that are attributable to the acquisition, construction, or improvement of those assets.
- **Restricted** – This component of net assets consists of net assets on which constraints are placed as to their use.
- **Unrestricted** – This component of net assets consists primarily of cumulative operating losses, member payments, bonds used to finance operating activities and negative restricted net assets.

Marketing expense – Marketing costs are expensed as incurred. Total marketing expense was \$1,099,973 and \$965,165 for the years ended December 31, 2009 and 2008, respectively.

Income taxes – NoaNet is a non-profit mutual corporation exempt from federal income taxes because any income accrues to the members, which are political subdivisions of the State of Washington.

Use of estimates – The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Such estimates include, but are not limited to, depreciation of property and equipment, amortization of deferred revenue and the pension obligation. Actual results could differ from these estimates.

Reclassifications – Certain 2008 balances have been reclassified to conform to 2009 presentation with no impact on previously reported change in net deficit.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 3 – CASH AND INVESTMENTS

NoaNet maintains cash and investments in fund accounts in accordance with bond resolutions and Board authorization and reports at cost which approximates fair market value. Description of these fund account types are as follows:

Revenue Fund – Used to account for cash and investments set aside for short-term investments as designated by the Board.

Bond Reserve Fund – Used to account for restricted cash and investments required under the Bond Indenture of Trust for future payment of principal and interest on debt.

HCN Fund – Used to account for restricted cash and investments required under the HCN contract.

As of December 31, 2009, NoaNet held the following cash and investments:

Investment Type	Carrying Value	Weighted Average Maturity (Years)	% of Portfolio
Cash	\$ 21,512	-	0.2%
Local government investment pool	12,091,319	-	99.8%
Total cash and cash equivalents and bond reserve investments	\$ 12,112,831		100.0%

As of December 31, 2008, NoaNet held the following cash and investments:

Investment Type	Carrying Value	Weighted Average Maturity (Years)	% of Portfolio
Cash	\$ 1,139,749	-	8.8%
Local government investment pool	11,866,579	-	91.2%
Total cash and cash equivalents and bond reserve investments	\$ 13,006,328		100.0%

The “weighted average maturity in years” calculation assumes that all investments are held until maturity.

Interest rate risk – NoaNet does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from rising interest rates. However, investment maturities are generally limited to less than two years and the State Treasurer’s Local Government Investment Pool (LGIP) has a weighted average portfolio maturity of less than 90 days.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 3 – CASH AND INVESTMENTS – (continued)

Custodial credit risk – Custodial credit risk is that, in the event of the failure of the counterparty, NoaNet will not be able to recover the value of its investments that are in possession of an outside party.

In accordance with the Revised Code of Washington, NoaNet bond resolution and NoaNet internal investment policies, all investments are direct obligations of the U.S. Government or its Agencies, deposits in the LGIP, or deposits with financial institutions recognized as qualified public depositories of the State of Washington.

NoaNet's cash deposits are covered by federal depository insurance or protected against loss by deposit with financial institutions recognized as qualified public depositories of the State of Washington. NoaNet intends to hold time deposits and securities until maturity.

Concentration of credit risk – Concentration of credit risk is the risk that, when investments are concentrated in one issuer, this concentration presents a heightened risk of potential loss. NoaNet has not experienced any losses in such accounts. NoaNet policies allow the entire portfolio to be invested in direct United States Government guaranteed obligations, in the LGIP or Washington State depositories. The LGIP, a 2a7-like pool as defined by GASB Statement No. 31 and the Securities and Exchange Commission, invests in high quality, short-term investments; all LGIP money market securities must be rated A-1 by Standard & Poors Corporation or P1 by Moody's Investor Services, Inc. The LGIP weighted average maturity must not exceed 90 days and no single investment may exceed 762 days in maturity. Withdrawals in excess of \$10 million are available on a one day notice. The LGIP Annual Report is available on the State Treasurer's website at <http://tre.wa.gov/LGIP/lqip.htm>.

NOTE 4 – STATUS OF OPERATIONS

In 2000, NoaNet was organized to serve a unique niche in the telecommunications industry focusing on delivery of fiber optic based broadband access to underserved areas primarily in rural parts of Washington State. Today member networks have been built such that NoaNet's footprint extends into many counties in the State. The operating platform is open access and services reflect cost-based pricing as NoaNet is organized as a non-profit entity.

NoaNet's operating revenues increased approximately 13% during 2009, resulting in positive operating income, cash flows and EBITDA. Continued increases in sales are projected (but not guaranteed) as a result of ongoing and expanded marketing and sales activities, some in coordination with NoaNet members and others (See Note 11).

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 4 – STATUS OF OPERATIONS – (continued)

NoaNet's members are committed to support NoaNet as an on-going wholesale telecommunications service provider. Pursuant to a repayment agreement, the members and several former members are responsible for debt service payments on NoaNet's Revenue Bonds to the extent NoaNet does not have sufficient funds to make those payments after paying or providing for cost of maintenance and operations. The members also provide operating assessments approved by the Board. There were no such operating assessments in 2009 or 2008. Payments by members and former members under repayment agreements were approximately \$1.6 and \$2.6 million in 2009 and 2008, respectively. Authorized payments for 2010 are expected to be approximately \$.9 million.

NoaNet believes it is favorably positioned considering the nature of the markets it serves and its members' continuing support and commitment to providing broadband to underserved regions of the State.

NOTE 5 – PROPERTY AND EQUIPMENT

A summary of the balances and changes in property and equipment are as follows:

	2008	Additions	Retirements/ Other	2009
	<u>2008</u>	<u>Additions</u>	<u>Retirements/ Other</u>	<u>2009</u>
Equipment	\$ 23,880,857	\$ 1,935,579	\$ -	\$ 25,816,436
Structures	6,399,254	21,114	-	6,420,368
Total property and equipment	30,280,111	<u>1,956,693</u>	<u>-</u>	32,236,804
Less accumulated depreciation	<u>17,229,802</u>	<u>1,692,213</u>	<u>-</u>	<u>18,922,015</u>
Net property and equipment	<u>\$ 13,050,309</u>			<u>\$ 13,314,789</u>

Indefeasible Right of Use agreement – Certain of NoaNet's assets support an Indefeasible Right of Use agreement, provided by NoaNet to a third party, accounted for as an operating lease (See Note 11). These assets amounted to approximately \$6.5 million at December 31, 2009 and 2008.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 6 – NOTES PAYABLE

In 2009 NoaNet established a \$1.5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures and network upgrades. The principal amount outstanding on the line of credit was \$1,500,000 at December 31, 2009. The note is due in eighteen equal quarterly installments commencing March 1, 2010. The note bears interest at either the BBA LIBOR Daily Floating Rate plus 2.0%, subject to a floor of 2.75%, or the LIBOR rate plus 2.0%, subject to a floor of 2.75%. Rate options are determined by NoaNet. At December 31, 2009, NoaNet has selected the BBA LIBOR Daily Floating Rate plus 2.0%. The line matures on June 1, 2014, is collateralized by NoaNet's net revenues and member guarantees and is in a junior lien position to the Telecommunications Network Revenue Bonds (See Note 7).

In 2008 NoaNet established a \$1.5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures and network upgrades. The principal amount outstanding on the line of credit was \$1,200,000 and \$1,500,000 at December 31, 2009 and 2008, respectively. The note is due in twenty equal quarterly installments commencing February 1, 2009 and bears interest at either the prime rate less 1.0% or the LIBOR rate plus 1.5%. Rate options are determined by NoaNet. At December 31, 2009, NoaNet has selected the prime rate less 1.0%. The line matures on November 1, 2013, is collateralized by NoaNet's net revenues and member guarantees and is in a junior lien position to the Telecommunications Network Revenue Bonds.

In 2006 NoaNet established a \$5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures. The principal amount outstanding on the line of credit was \$1,487,221 and \$2,629,495 at December 31, 2009 and 2008, respectively. The note is due in two quarterly installments of interest only and then eighteen quarterly installments of principal and interest commencing September 1, 2006 and bears interest at either the prime rate less .35% or the LIBOR rate plus 2.35%. Rate options are determined by NoaNet. At December 31, 2009, NoaNet has selected the prime rate less .35%. The line matures on June 1, 2011, is collateralized by NoaNet's net revenues and is in a junior lien position to the Telecommunications Network Revenue Bonds.

In 2003 NoaNet established a \$5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures and network upgrades. The principal amount outstanding on the line of credit was \$0 and \$76,923 at December 31, 2009 and 2008, respectively. The note matured on March 31, 2009.

NoaNet covenants that it shall assess its members for their percentage share of principal and interest on the notes to the extent that NoaNet does not have sufficient funds to pay the notes after paying or providing for cost of maintenance and operations of NoaNet and after providing for the payment of principal and interest on NoaNet's outstanding Telecommunications Network Revenue Bonds (2001). NoaNet is also subject to certain financial and non-financial covenants.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 6 – NOTES PAYABLE – (continued)

Scheduled debt service payments on principal are as follows:

2010	\$ 1,828,274
2011	925,613
2012	633,333
2013	633,333
2014	<u>166,668</u>
	<u>\$ 4,187,221</u>

The prime rate and LIBOR rate as of December 31, 2009 was 3.25% and 1.02%, respectively.

NOTE 7 – TELECOMMUNICATIONS NETWORK REVENUE BONDS, 2001
(TAXABLE)

On July 15, 2001, NoaNet issued at par \$27,000,000 in Telecommunications Network Revenue Bonds. Interest on the bonds is payable semi-annually each June 1 and December 1. Principal of the bonds is payable annually on December 1; from December 1, 2003 through December 1, 2011 for the Serial Bonds; and December 1, 2016 for the Term Bonds. The Term Bonds have annual principal sinking fund requirements beginning December 1, 2012.

The members and several former members have entered into a Repayment Agreement under which they are responsible for debt payments to the extent NoaNet does not have sufficient funds to make those payments after paying or providing for cost of maintenance and operations.

	<u>2009</u>	<u>2008</u>
Serial bonds due through 2011 (interest from 6.34% to 6.44%)	\$ 3,975,000	\$ 5,785,000
7.09% term bonds due 2016	<u>12,575,000</u>	<u>12,575,000</u>
Total revenue bonds	16,550,000	18,360,000
Less current portion of revenue bonds	<u>1,925,000</u>	<u>1,810,000</u>
Long-term portion of revenue bonds	<u>\$ 14,625,000</u>	<u>\$ 16,550,000</u>

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 7 – TELECOMMUNICATIONS NETWORK REVENUE BONDS, 2001
(TAXABLE) – (continued)

Scheduled debt service payments for principal and interest and principal maturities are as follows:

	Sinking Funds			Principal Maturities
	Interest	Principal	Total	
2010	\$ 1,146,595	\$ 1,925,000	\$ 3,071,595	\$ 1,925,000
2011	1,023,588	2,050,000	3,073,588	2,050,000
2012	891,568	2,185,000	3,076,568	2,185,000
2013	736,651	2,335,000	3,071,651	2,335,000
2014	571,100	2,505,000	3,076,100	2,505,000
2015 - 2016	596,978	5,550,000	6,146,978	5,550,000
	\$ 4,966,480	\$ 16,550,000	\$ 21,516,480	\$ 16,550,000

The Bond resolution requires the establishment and maintenance of bond proceeds, interest and reserve fund accounts, the purpose of which are to provide additional security as well as scheduled debt service payments. The reserve fund is to be maintained throughout the term of the bonds, in investments as permitted by the resolution.

During the year ended December 31, 2009, the following changes occurred in bonds payable:

	2008	Additions	Payments	2009	Due Within One Year
Revenue bonds	\$ 18,360,000	\$ -	\$ 1,810,000	\$ 16,550,000	\$ 1,925,000

NOTE 8 – OPERATING LEASES AND LICENSE

NoaNet maintains a long-term operating lease agreement with Bonneville Power Administration (BPA) to lease property for the placement of regenerator huts and appurtenant cables, vaults and devices. NoaNet also maintains a long-term license agreement with BPA to access public benefit fibers and commercial fibers along a 1,279 mile route in the Pacific Northwest. This license includes annual fiber fees and maintenance charges. The BPA agreements will expire in 2019 unless extended by mutual agreement. Expenses incurred under these agreements were \$1,768,320 and \$1,558,625 for the years ended December 31, 2009 and 2008, respectively.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 8 – OPERATING LEASES AND LICENSE – (continued)

In addition, NoaNet maintains several agreements with telecommunication providers for connectivity, dark fiber, equipment rooms and transport services, which require payment of monthly charges based upon usage or fixed fee arrangements. Certain leases include renewal options and additional monthly charges may be incurred for the use of capacity above the amounts contracted in the agreements. Expenses incurred under these agreements were \$6,064,169 and \$4,710,298 for the years ended December 31, 2009 and 2008, respectively.

Future minimum payments for the above leases and license are as follows:

2010	\$ 1,348,862
2011	1,348,862
2012	1,348,862
2013	1,348,862
2014	1,348,862
2015-2019	<u>6,474,002</u>
	<u>\$ 13,218,312</u>

During 2006, NoaNet entered into a five-year triple net facility lease with an option to renew for its network operations center. The minimum monthly rent is \$2,771.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 9 – RETIREMENT PLANS

Defined benefit plan – NoaNet maintains a single-employer defined benefit pension plan covering all eligible employees that is funded by required contributions from NoaNet. Annual contributions are based upon actuarial calculations (the most recent actuarial valuation was December 31, 2009). During 2009, NoaNet began accounting for its defined benefit plan under GASB standards versus FASB. This resulted in additional expense recorded in 2009 of approximately \$245,000. Following is the summary of plan information for the years ended December 31, 2009 and 2008:

Eligibility Requirements	The attainment of age 21 and the completion of one year of eligible service
Retirement Eligibility	An employee is eligible for normal retirement at age 65 and 5 years of participation
Retirement Benefits	The normal retirement benefit is 2% of average monthly compensation for each year of credited service after May 1, 2004 plus benefits accrued prior to May 1, 2004

Normal Form of Benefit	Single Life Annuity
------------------------	---------------------

	<u>2009</u>	<u>2008</u>
Benefit obligation at December 31	\$ 4,292,051	\$ 3,490,292
Actuarial value of plan assets at December 31	<u>2,171,724</u>	<u>1,691,089</u>
Under-funded amount	<u>\$ 2,120,327</u>	<u>\$ 1,799,203</u>
Funded ratio	<u>51%</u>	<u>48%</u>
Covered payroll	<u>\$ 2,000,327</u>	<u>\$ 1,999,668</u>
Under-funded amount as a percent of payroll	<u>106%</u>	<u>90%</u>

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 9 – RETIREMENT PLANS – (continued)

	<u>2009</u>	<u>2008</u>
Actuarial assumptions as of December 31		
Actuarial cost method	Projected Unit Cost Method	
Discount rate	5.75%	6.00%
Expected return on plan assets	5.75%	6.00%
Rate of compensation increase	4.00%	4.00%
Cost of living adjustments	3.00%	3.00%
Mortality rates	1994 Group Annuity Reserving Mortality Table Post-Retirement	
Amortization method	Level Dollar	
Remaining amortization period	20 Years; Open	
Annual required contribution		
Normal cost	\$ 324,015	\$ 299,345
Amortization of accrued liability	165,077	(80,617)
Interest cost	<u>28,123</u>	<u>180,620</u>
	<u>\$ 517,215</u>	<u>\$ 399,348</u>
Pension benefits as of December 31		
Benefit cost	\$ 517,215	\$ 399,348
Employer contribution	470,855	-
Benefits paid	-	-
Projected benefit payments for the years ending December 31:		
2010	\$ 51,539	
2011	52,266	
2012	52,932	
2013	116,162	
2014	117,843	
2015-2019	683,074	

At December 31, 2009 plan assets were invested in the Washington State LGIP. In 2010 plan assets were transferred to a conservative asset allocation model investment platform. Further information about the Plan may be requested from NoaNet Headquarters 5802 Overlook Ave NE Tacoma, WA 98422.

NORTHWEST OPEN ACCESS NETWORK NOTES TO FINANCIAL STATEMENTS

NOTE 9 – RETIREMENT PLANS – (continued)

In January 2003 certain employees were transferred to NoaNet Oregon, a prior affiliate of NoaNet. The Plan was amended to freeze the benefits for these employees of NoaNet Oregon with additional years of service considered in the calculation of vesting as applicable.

Defined contribution plan – NoaNet sponsors a deferred compensation plan (Internal Revenue Code Section 457) for all eligible employees. The plan is entirely funded by voluntary employee contributions. All plan assets are held in trust for the exclusive benefit of participants and their beneficiaries. In 2008 NoaNet started a program of matching contributions. The match is capped annually at \$2,400 per eligible employee. NoaNet made matching contributions of \$5,871 and \$2,639 for the years ended December 31, 2009 and 2008, respectively.

NOTE 10 – SELF-INSURANCE

NoaNet is a member of the Public Utility Risk Management Services Self-Insurance Fund (PURMS). RCW Chapter 48.62 authorizes the governing body of any one or more governmental entities to form together into or join a pool or organization for the joint purchasing of insurance, and/or joint self-insuring, and/or joint hiring or contracting for risk management services to the same extent that they may individually purchase insurance, self insure, or hire or contract for risk management services. An agreement to form a pooling arrangement was made pursuant to the provisions of RCW Chapter 54.16. The liability pool was formed on December 31, 1976 when certain PUDs in the State of Washington joined together by signing the Self Insurance Agreement (SIA) to pool their self-insured losses and jointly purchase insurance and administrative services. Nineteen members currently belong to PURMS.

Additional pools for property and health and welfare coverage were added in March 1997 and April 2000, respectively, under the same SIA and with the same membership. Each member elects the pools in which they participate. NoaNet has elected to participate in all three pools.

Members of each pool are assessed to maintain the designated self-insured retention. After termination, a member is still responsible for their share of contributions to the pools for any unresolved, unreported, and in-process claims for the period they were a signatory to the agreement. The pools are fully funded by its current and former members. Claims are filed by members with the Administrator, Pacific Underwriters, Seattle, WA, which has been contracted to perform claims adjustment and loss prevention services.

The pools are governed by a Board of Directors which is comprised of one designated representative from each participating member. The Administrator and an elected Administrative Committee are responsible for conducting the business affairs of the pools.

Settled claims have not exceeded insurance coverage in any of the past three fiscal years.

NORTHWEST OPEN ACCESS NETWORK NOTES TO FINANCIAL STATEMENTS

NOTE 10 – SELF-INSURANCE – (continued)

A description of each pool follows:

Liability Pool – The Liability Pool has a \$1 million self-insured retention with \$2 million of reserves, increasing to \$3 million over the next three years. In addition, the Fund purchases \$35 million of excess general liability insurance over the \$1 million retention.

Property Pool – The majority of the property in the Property Pool has a \$250,000 self-insured retention. Certain classes of property have higher retention requirements up to \$750,000. Reserves for the Property Pool are set at \$750,000. In addition, the Fund purchases \$150 million of excess insurance over the \$250,000 (or higher) retention level.

Health & Welfare Pool – The Health & Welfare Risk Pool (H&W Pool) provides health and welfare insurance for NoaNet employees and dependants in accordance with the terms of SIA and the terms of each member's respective coverage booklet, provided to employees.

The H&W Pool maintains reserves approximately equal to the sum of three times the amount of each member's historical average monthly H&W claims. The H&W Pool's ongoing operations are financed through monthly assessments of its participating members. Under such assessments, each member of the H&W Pool pays the Pool the cost the Pool incurred during the preceding month for H&W claims for member employee coverage as well as the member's share, determined under the H&W Pool general assessment formula, of shared H&W costs.

Shared H&W costs include administrative expenses incurred by the Pool, premiums for stop-loss insurance, PPO charges and shared H&W claims. A H&W claim becomes a "shared" expense when and to the extent the cost of the claim exceeds the stop-loss point applicable to a particular member's employee or when the cost of the claim makes the total amount a particular member has paid towards the claims of its employees exceed the stop-loss point applicable to that member.

All stop-loss points are determined for each member and its employees pursuant to the H&W Pool general assessment formula. During 2009 and 2008 PURMS maintained stop-loss insurance with a commercial carrier in the aggregate amount of \$180,000 per insured with an aggregate stop-loss of approximately \$10.6 million for the insured of all members.

NOTE 11 – REGIONAL SERVICE PROVIDER TRANSPORT SERVICES

Primary Transport Services – NoaNet serves as the primary transport provider for a major telecommunications company in the State of Washington to carry traffic for a number of schools and public agencies to several sites in rural areas of the State. This contract began in 2003, was renewed in 2007 and is in the process of being renewed for an additional term. Rates are based upon the level of traffic. Revenue for the years ended December 31, 2009 and 2008 was \$1,876,568 and \$1,681,772, respectively.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 11 – REGIONAL SERVICE PROVIDER TRANSPORT SERVICES – (continued)

Advanced Transport Services – NoaNet serves as the backbone transport provider for another major telecommunications company in the State of Washington to carry advanced services for a number of schools and public agencies to several sites in rural areas of the State. This program was implemented in 2004 and is extending and expanding beyond the original terms and duration of the agreement. Rates are based upon the level of traffic. Revenue for the years ended December 31, 2009 and 2008 was \$3,634,159 and \$2,815,415, respectively.

Warrenton-Westin Project – In 2004 NoaNet contracted with a major telecommunications company in the State of Alaska to construct, maintain and operate a network extending from Warrenton, OR to the Westin Building in Seattle, WA. The equipment is owned by the telecommunications company and at the end of five years the equipment can be purchased by NoaNet for a nominal amount. Over the term of the contract, NoaNet maintains and operates the network. In 2009, this contract was extended for another five years. NoaNet plans to complete the purchase of the equipment in 2010. Revenue for the years ended December 31, 2009 and 2008 was \$769,782 and \$278,420, respectively.

CTC Project – In 2006 NoaNet contracted with a major customer as a primary transport provider. The contract has a term of ten years. Revenue for the years ended December 31, 2009 and 2008 was \$1,714,019 and \$1,638,733, respectively.

HCN Project – In 2006 NoaNet entered into a 10-year Indefeasible Right of Use (IRU) agreement with a major customer to provide communication transport capacity. Amounts received under the IRU agreement are to be placed in a special fund (the High Capacity Network Fund) and drawn in accordance with an established schedule and as otherwise permitted under the IRU agreement. The IRU agreement is being accounted for as an operating lease and is reflected in the accompanying balance sheet as a contract receivable and deferred revenue. Revenue is being recognized on a straight-line basis over the 10-year term of the agreement beginning in 2007 (\$1.9 million annually).

Revenue concentration – During the years ended December 31, 2009 and 2008, NoaNet had sales to customers who individually accounted for greater than 10% of operating revenue. Sales to four customers totaled 57% and 53% of operating revenue for 2009 and 2008, respectively.

NOTE 12 – RELATED PARTY TRANSACTIONS

As indicated in Note 1, NoaNet provides communication transport and related services to its members. Accounts receivable from members at December 31, 2009 and 2008 were approximately \$360,000 and \$290,000, respectively, and revenue for the years ended December 31, 2009 and 2008 was approximately \$1,900,000 and \$2,300,000, respectively.

NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS

NOTE 13 – SUBSEQUENT EVENT

NoaNet has evaluated subsequent events through June 8, 2010, the date the financial statements were available to be issued.

In February 2010, NoaNet was awarded \$84.3 million in grants from the Broadband Technology Opportunities Program. This 3-year program includes various service obligations and projects with an estimated cost of \$106.5 million.

SUPPLEMENTAL INFORMATION

**NORTHWEST OPEN ACCESS NETWORK
SCHEDULE OF OPERATING EXPENSES**

	Year Ended December 31,	
	2009	2008
Fiber optic and related licenses and leases	\$ 7,832,489	\$ 6,268,923
Depreciation	1,692,213	2,910,508
Network support and operations center	2,171,859	1,619,910
Marketing and member services	1,355,382	1,213,467
General and administrative	699,245	603,225
Administrative salaries	381,065	406,952
Taxes and licenses	320,772	321,286
Special projects	251,231	207,876
Professional fees	78,578	168,183
Bad debt expense	-	204
	\$ 14,782,834	\$ 13,720,534



**INDEPENDENT AUDITOR'S REPORT
AND
FINANCIAL STATEMENTS**

DECEMBER 31, 2008 AND 2007

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INDEPENDENT AUDITOR'S REPORT

Board of Directors
Northwest Open Access Network

We have audited the accompanying balance sheets of Northwest Open Access Network (NoaNet) as of December 31, 2008 and 2007 and the related statements of operations and changes in net deficit and cash flows for the years then ended. These financial statements are the responsibility of NoaNet's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Northwest Open Access Network as of December 31, 2008 and 2007 and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

The audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedules of operating expenses are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has been subjected to the audit procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

The accompanying Management's Discussion and Analysis is not a required part of the basic financial statements but is supplementary information required by the Governmental Accounting Standards Board (GASB). We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Moss Adams LLP

Portland, Oregon
June 2, 2009

NORTHWEST OPEN ACCESS NETWORK MANAGEMENT'S DISCUSSION AND ANALYSIS

This discussion and analysis is designed to provide an overview of NoaNet's financial activities for the years ended December 31, 2008 and 2007. This supplementary information should be read in conjunction with NoaNet's financial statements and notes to financial statements.

NoaNet is a non-profit mutual corporation incorporated on February 7, 2000 in the State of Washington. Its members include twelve public utility districts and a joint operating agency, all of which are municipal corporations of the State of Washington. NoaNet is a registered Competitive Local Exchange Carrier (CLEC) in Washington and Oregon.

NoaNet is a wholesaler of communication transport services and provides open access, cost-based, high-speed broadband to underserved areas over its fiber optic network.

The Network

NoaNet's fiber optic network reaches to most regions in the State of Washington and travels primarily over facilities of the Bonneville Power Administration. In addition to the network facilities in Washington, NoaNet has facilities that transit Idaho as well as nodes in Montana and Oregon, with an undersea connection to Alaska and Asia.

Financial Summary and Analysis

During 2008 and 2007, NoaNet's operating revenues increased approximately 17% and 35%, respectively, from new customers and expanded services to existing customers resulting in positive operating income, EBITDA and operating cash flow. The long-term debt service was largely paid by its members and several former members pursuant to a repayment agreement.

During 2006, NoaNet established the High Capacity Network (HCN) System in connection with an Indefeasible Right of Use agreement to provide communication transport capacity entered into with a specific customer. This agreement resulted in deferred revenues of \$15.5 and \$17.1 million at December 31, 2008 and 2007, respectively. During 2007, \$16.6 million was collected on the agreement. No amounts were collected on the agreement in 2008.

Selected Financial Data

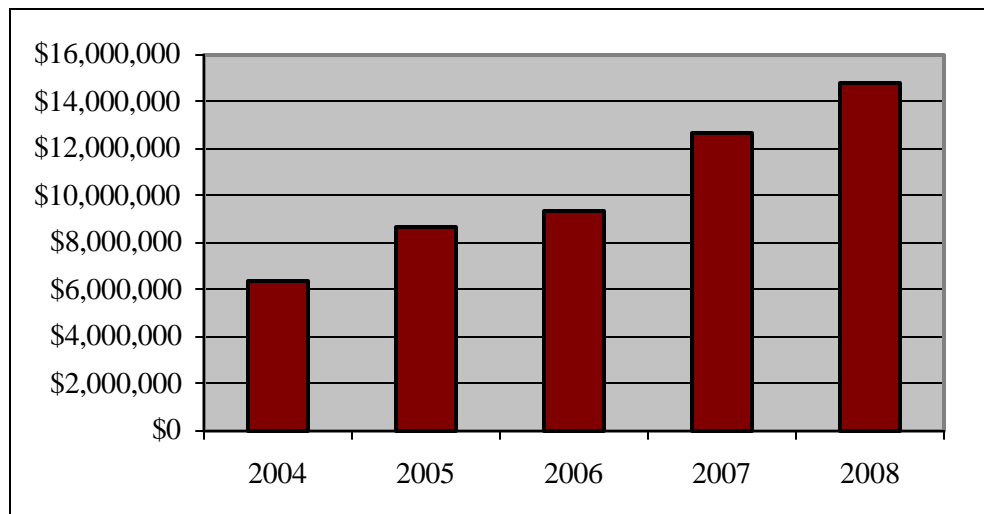
	<u>2008</u>	<u>2007</u>	<u>2006</u>
Operating revenues	\$ 14,743,419	\$ 12,641,490	\$ 9,347,973
Operating expenses	(13,720,534)	(12,477,776)	(9,774,361)
Other expense, net	<u>(1,094,797)</u>	<u>(1,368,915)</u>	<u>(1,620,135)</u>
Net loss	(71,912)	(1,205,201)	(2,046,523)
Member payments	<u>2,570,757</u>	<u>3,073,318</u>	<u>3,497,542</u>
Change in net deficit	<u>\$ 2,498,845</u>	<u>\$ 1,868,117</u>	<u>\$ 1,451,019</u>

**NORTHWEST OPEN ACCESS NETWORK
MANAGEMENT'S DISCUSSION AND ANALYSIS**

Selected Financial Data

	2008	2007	2006
Net property and equipment	\$ 13,050,309	\$ 13,287,759	\$ 10,354,323
Other assets	20,342,616	20,135,330	24,048,884
Total assets	\$ 33,392,925	\$ 33,423,089	\$ 34,403,207
Long-term liabilities, net of current portion	\$ 32,895,116	\$ 36,322,967	\$ 41,245,234
Other liabilities	9,946,829	9,047,987	6,973,955
Total liabilities	42,841,945	45,370,954	48,219,189
Invested in capital assets, net of related debt	(1,317,617)	(1,852,232)	(7,141,902)
Restricted	(893,132)	(2,301,117)	1,539,584
Unrestricted	(7,238,271)	(7,794,516)	(8,213,664)
Total net deficit	(9,449,020)	(11,947,865)	(13,815,982)
Total liabilities and net deficit	\$ 33,392,925	\$ 33,423,089	\$ 34,403,207

Operating Revenues



The 2008, 2007 and 2006 revenue growth is the result of expanded services to members, including network coordinated services, and new agreements with major wholesale customers.

NORTHWEST OPEN ACCESS NETWORK MANAGEMENT'S DISCUSSION AND ANALYSIS

Capital Assets and Debt Activity

At December 31, 2008 and 2007, NoaNet had \$30.3 and \$27.6 million, respectively, invested in the network infrastructure, an increase from the prior year of 10% and 25%, respectively. The network book value, net of depreciation, amounted to \$13.1 million at December 31, 2008 and \$13.3 million at December 31, 2007. The capital expenditures include network expansion for new transport agreements and network upgrades.

At December 31, 2008 and 2007, NoaNet had \$22.6 and \$24.1 million in debt outstanding, respectively. In 2008 and 2007 NoaNet made debt principal payments totaling \$3.0 and \$3.1 million, respectively. In 2008 NoaNet established a \$1.5 million non-revolving line of credit (note payable) drawing the full amount in order to finance capital expenditures.

Economic Outlook

During 2008 and 2007, the general economic climate for broadband in the underserved areas of the state of Washington was favorable resulting in increasing demand for broadband access. The broadband access has been a contributor to help diversify and enhance local economies. Agreements with major telecommunication providers resulted in award of significant contracts with the State of Washington and others. This has extended high-speed broadband into the underserved areas of the state for distance learning, e-government, telemedicine and other public benefit purposes. Implementation and expansion of new services to more communities through these contracts continues the growth of the network footprint throughout the State of Washington. While national economic conditions have worsened, NoaNet did not experience any significant ill effects from the downturn in 2008.

**NORTHWEST OPEN ACCESS NETWORK
BALANCE SHEET**

ASSETS

	DECEMBER 31,	
	<u>2008</u>	<u>2007</u>
CURRENT ASSETS		
Cash and cash equivalents	\$ 1,139,749	\$ -
HCN cash and cash equivalents - Restricted	10,320,579	10,858,399
Receivables		
Accounts receivable, net	2,752,975	3,223,051
Interest receivable	-	142,365
Current portion of HCN contract receivable	2,745,000	-
Prepaid and deferred expenses	<u>1,251,298</u>	<u>1,245,973</u>
Total current assets	<u>18,209,601</u>	<u>15,469,788</u>
PROPERTY AND EQUIPMENT		
Equipment	23,880,857	21,264,927
Structures	<u>6,399,254</u>	<u>6,342,126</u>
Total property and equipment	30,280,111	27,607,053
Less accumulated depreciation	<u>17,229,802</u>	<u>14,319,294</u>
Net property and equipment	<u>13,050,309</u>	<u>13,287,759</u>
OTHER ASSETS		
Prepaid IRU agreement	373,375	424,875
Bond reserve restricted investments	1,546,000	1,538,284
Unamortized bond issuance costs	213,640	262,383
HCN contract receivable, net of current portion	<u>-</u>	<u>2,440,000</u>
Total other assets	<u>2,133,015</u>	<u>4,665,542</u>
Total assets	<u><u>\$ 33,392,925</u></u>	<u><u>\$ 33,423,089</u></u>

**NORTHWEST OPEN ACCESS NETWORK
BALANCE SHEET**

LIABILITIES AND NET DEFICIT

	DECEMBER 31,	
	2008	2007
CURRENT LIABILITIES		
Book overdraft	\$ -	\$ 18,597
Accounts payable	1,878,301	1,947,346
Accrued payroll liabilities	416,936	408,848
Accrued pension payable	1,799,203	1,308,926
Accrued interest payable	122,022	143,311
Deferred revenue and other accrued liabilities	554,354	306,291
Current portion of HCN deferred revenue	1,938,089	1,904,200
Current portion of notes payable	1,427,924	1,305,468
Current portion of revenue bonds	1,810,000	1,705,000
	9,946,829	9,047,987
LONG-TERM LIABILITIES, net of current portion		
Notes payable	2,778,494	2,729,367
Revenue bonds	16,550,000	18,360,000
HCN deferred revenue	13,566,622	15,233,600
	32,895,116	36,322,967
	42,841,945	45,370,954
NET DEFICIT		
Invested in capital assets, net of related debt	(1,317,617)	(1,852,232)
Restricted	(893,132)	(2,301,117)
Unrestricted	(7,238,271)	(7,794,516)
	(9,449,020)	(11,947,865)
	\$ 33,392,925	\$ 33,423,089

**NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF OPERATIONS AND CHANGES IN NET DEFICIT**

	YEAR ENDED DECEMBER 31,	
	2008	2007
OPERATING REVENUES		
Regional service providers	\$ 9,818,413	\$ 9,338,647
Local service providers	988,414	774,571
Access revenues	1,955,501	1,319,205
Network coordinated services	634,677	544,188
Non-recurring charges	1,346,414	664,879
Total operating revenues	14,743,419	12,641,490
OPERATING EXPENSES	13,720,534	12,477,776
OPERATING INCOME	1,022,885	163,714
OTHER INCOME (EXPENSE)		
Interest income	313,765	310,843
Interest expense and related amortization	(1,630,164)	(1,979,758)
Other income	221,602	300,000
Total other expense	(1,094,797)	(1,368,915)
NET LOSS	(71,912)	(1,205,201)
MEMBER PAYMENTS	2,570,757	3,073,318
CHANGE IN NET DEFICIT	2,498,845	1,868,117
NET DEFICIT, beginning of year	(11,947,865)	(13,815,982)
NET DEFICIT, end of year	\$ (9,449,020)	\$ (11,947,865)

**NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF CASH FLOWS**

	YEAR ENDED DECEMBER 31,	
	2008	2007
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash from customers	\$ 13,523,469	\$ 25,588,408
Cash paid to suppliers	(7,969,212)	(6,498,843)
Cash paid to employees	(2,062,630)	(1,819,291)
Taxes paid	(321,286)	(303,113)
Net cash from operating activities	<u>3,170,341</u>	<u>16,967,161</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Net activity on investments	(7,716)	1,300
Other income	221,602	300,000
Interest received	456,130	174,774
Net cash from investing activities	<u>670,016</u>	<u>476,074</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Borrowings on note payable	1,500,000	-
Payments on notes payable	(1,328,417)	(1,465,165)
Payments on bonds	(1,705,000)	(1,610,000)
Interest paid	(1,602,710)	(1,909,444)
Net purchase of property and equipment	(2,673,058)	(5,447,429)
Member payments	2,570,757	3,073,318
Net cash from capital and related financing activities	<u>(3,238,428)</u>	<u>(7,358,720)</u>
CHANGE IN CASH AND CASH EQUIVALENTS	601,929	10,084,515
CASH AND CASH EQUIVALENTS, beginning of year	<u>10,858,399</u>	<u>773,884</u>
CASH AND CASH EQUIVALENTS, end of year	<u>\$ 11,460,328</u>	<u>\$ 10,858,399</u>

See accompanying notes.

**NORTHWEST OPEN ACCESS NETWORK
STATEMENT OF CASH FLOWS**

Reconciliation of operating income to net cash from operating activities:

	YEAR ENDED DECEMBER 31,	
	2008	2007
CASH FLOWS FROM OPERATING ACTIVITIES		
Operating income	\$ 1,022,885	\$ 163,714
Adjustments to reconcile operating income to net cash from operating activities		
Depreciation	2,910,508	2,513,992
Change in assets and liabilities		
Accounts receivable	470,076	(1,735,853)
HCN contract receivable	(305,000)	16,602,000
Prepaid and deferred expenses	46,175	(782,254)
Accounts payable and book overdraft	(87,642)	1,759,430
Accrued liabilities	498,365	365,361
Deferred revenue and other accrued liabilities	248,063	(15,029)
HCN deferred revenue	(1,633,089)	(1,904,200)
Net cash from operating activities	<u>\$ 3,170,341</u>	<u>\$ 16,967,161</u>

Note 1 - Nature of Organization and Operations

Northwest Open Access Network (NoaNet), a Washington non-profit mutual corporation, was incorporated in February 2000. NoaNet consists of the Telecommunications System and, beginning in 2006, the High Capacity Network (HCN) System.

The Telecommunications System provides a broadband communication backbone, primarily over public benefit fibers licensed from Bonneville Power Administration (See Note 8), throughout Washington State for assisting its members in providing high speed telecommunication services to customers and in the efficient management of load, conservation and acquisition of electric energy, as well as other purposes. In addition, the Telecommunications System conducts business on a wholesale basis with unrelated commercial and government entities. The fiber optic network began commercial operation in January 2001.

The HCN System was formed in connection with an Indefeasible Right of Use agreement to provide communication transport capacity entered into with a specific customer (See Note 11). As of December 31, 2008 and 2007, the assets, liabilities, operations and cash flows of the HCN System are included for financial reporting purposes with the Telecommunications System.

NoaNet is governed by a board of directors consisting of seven persons selected from the thirteen members. NoaNet's members consist of Washington Public Utility Districts and Energy Northwest, a joint operating agency.

Note 2 - Summary of Significant Accounting Policies

Reporting entity - In evaluating how to define NoaNet for financial reporting purposes, management has considered NoaNet's financial reporting entity. The financial reporting entity consists of NoaNet and component units. Component units are legally separate organizations for which NoaNet is financially accountable and other organizations for which NoaNet is not accountable but for which the nature and significance of their relationship with NoaNet are such that the exclusion would cause NoaNet's financial statements to be misleading or incomplete. Based upon this criterion, NoaNet has no component units.

Basis of accounting and presentation - The financial statements of NoaNet have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. NoaNet applies all applicable Governmental Accounting Standards Board (GASB) pronouncements as well as Financial Accounting Standards Board (FASB) pronouncements and Accounting Principles Board (APB) opinions issued on or before November 30, 1989 unless those pronouncements and opinions conflict with or contradict GASB pronouncements. As allowed under GASB No. 20, NoaNet has elected to apply all applicable FASB Statements and Interpretations issued after November 30, 1989, except for those that conflict with or contradict GASB pronouncements. The one exception is for NoaNet's defined benefit retirement plan which is accounted for under FASB pronouncements.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 2 - Summary of Significant Accounting Policies (Continued)

Cash equivalents - NoaNet considers all highly liquid investment securities, including restricted, with a maturity of three months or less to be cash equivalents (See Note 3).

Accounts receivable - Accounts receivable are recorded when invoices are issued and written off when they are determined to be uncollectible. Credit is extended to customers generally without collateral requirements. The allowance for doubtful accounts is estimated based on NoaNet's historical losses, review of specific problem accounts, existing economic conditions and the financial stability of its customers. Generally, NoaNet considers accounts receivable past due after 30 days. The allowance for doubtful accounts was \$30,000 at December 31, 2008 and 2007.

Property and equipment - Property and equipment are stated at cost (See Note 5). Cost includes contracted services, direct labor and materials, interest capitalized during construction and indirect charges for engineering, supervision and other overhead items. Expenditures for normal repairs and maintenance are charged to operations as incurred; renewals, replacements and betterments are capitalized. NoaNet has provided for depreciation using the straight-line method over the estimated useful lives of the assets ranging from five to twenty years. Depreciation expense for the years ended December 31, 2008 and 2007 was \$2,910,508 and \$2,513,992, respectively.

Fiber optic network assets include rights of way, conduit, fiber, shelters and point of presence racks. Operating equipment includes network equipment and other equipment necessary to operate the network.

NoaNet's policy is to depreciate its long-lived assets over their remaining useful life and to write-down such assets if the net carrying value is not recoverable from future cash flows. The assessment as to whether a write-down is required is based on NoaNet's estimates of future cash flows and NoaNet's assumptions about the use of assets. There were no write-downs in 2008 or 2007.

Prepaid IRU - In 2007 NoaNet's HCN System entered into a 10-year Indefeasible Right of Use (IRU) agreement that is being amortized to expense on a straight-line basis over the term of the agreement.

Unamortized bond issuance costs - Bond issuance costs relating to the revenue bonds are amortized over the life of the bond issue using a weighted average of the face amount of bonds outstanding. Amortization expense was \$48,743 and \$48,946 for the years ended December 31, 2008 and 2007, respectively.

Compensated absences - NoaNet accrues accumulated unpaid vacation benefits as the obligation is incurred. The accrued liability for unpaid vacation leave at December 31, 2008 and 2007 was \$416,936 and \$390,838, respectively.

Deferred revenue - Deferred revenue consists of revenues from an indefeasible right of use (IRU) agreement and prepaid communication transport service revenue, which are amortized to operating revenue in equal monthly installments over the term of the agreements (See Note 11).

Note 2 - Summary of Significant Accounting Policies (Continued)

Revenue recognition - Revenue is recognized over the period the service is provided based upon port readings of traffic (megabytes of data) and billed at the ninety-fifth percentile to account for anomalies or by contractual agreements. Non-recurring charges consist of connection fees and project management services and are recognized when the service is established.

IRU agreements are accounted for as operating leases or service arrangements depending on whether the customer has the exclusive right to use the assets. Revenue is recognized on both operating leases and service arrangements on a straight-line basis over the term of the contract.

Net assets - Net assets consist of the following components:

- **Invested in capital assets, net of related debt** - This component of net assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of bonds and notes that are attributable to the acquisition, construction, or improvement of those assets.
- **Restricted** - This component of net assets consists of net assets on which constraints are placed as to their use.
- **Unrestricted** - This component of net assets consists primarily of cumulative operating losses, member payments and bonds used to finance operating activities.

Marketing expense - Marketing costs are expensed as incurred. Total marketing expense was \$965,165 and \$986,275 for the years ended December 31, 2008 and 2007, respectively.

Income taxes - NoaNet is a non-profit mutual corporation exempt from federal income taxes because any income accrues to the members, which are political subdivisions of the State of Washington.

Use of estimates - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from these estimates.

Reclassifications - Certain 2007 balances have been reclassified to conform to 2008 presentation.

Note 3 - Cash and Investments

NoaNet maintains cash and investments in fund accounts in accordance with bond resolutions and Board authorization. Description of these fund account types are as follows:

Revenue Fund - Used to account for cash and investments set aside for short-term investments as designated by the Board.

Bond Reserve Fund - Used to account for restricted cash and investments required under the Bond Indenture of Trust for future payment of principal and interest on debt.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 3 - Cash and Investments (Continued)

HCN Fund - Used to account for restricted cash and investments required under the HCN contract.

As of December 31, 2008, NoaNet held the following cash and investments:

Investment Type	Carrying Value	Weighted Average Maturity (Years)	% of Portfolio
Cash	\$ 1,139,749	-	8.8%
Local Government Investment Pool	11,866,579	-	91.2%
Total cash and cash equivalents and bond reserve investments	\$ 13,006,328		100.0%

As of December 31, 2007, NoaNet held the following cash and investments:

Investment Type	Carrying Value	Weighted Average Maturity (Years)	% of Portfolio
Cash	\$ 1,538,284	-	12.4%
Local Government Investment Pool	4,099,399	-	33.1%
Certificate of Deposit	6,759,000	0.08	54.5%
Total cash and cash equivalents and bond reserve investments	\$ 12,396,683		100.0%

The “weighted average maturity in years” calculation assumes that all investments are held until maturity.

Interest Rate Risk

NoaNet does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from rising interest rates. However, investment maturities are generally limited to less than two years and the State Treasurer’s Local Government Investment Pool (LGIP) has a weighted average portfolio maturity of less than 90 days.

Custodial Credit Risk

Custodial credit risk is that, in the event of the failure of the counterparty, NoaNet will not be able to recover the value of its investments that are in possession of an outside party.

In accordance with the Revised Code of Washington, NoaNet bond resolution and NoaNet internal investment policies, all investments are direct obligations of the U.S. Government or its Agencies, deposits in the LGIP, or deposits with financial institutions recognized as qualified public depositories of the State of Washington.

Note 3 - Cash and Investments (Continued)

NoaNet's cash deposits are covered by federal depository insurance or protected against loss by deposit with financial institutions recognized as qualified public depositories of the State of Washington. NoaNet intends to hold time deposits and securities until maturity.

Concentration of Credit Risk

Concentration of credit risk is the risk that, when investments are concentrated in one issuer, this concentration presents a heightened risk of potential loss. NoaNet has not experienced any losses in such accounts and believes it is not exposed to any significant credit risk on cash and investments. NoaNet policies allow the entire portfolio to be invested in direct United States Government guaranteed obligations, in the LGIP or Washington State depositories. The LGIP, a 2a7-like pool as defined by GASB Statement No. 31 and the Securities and Exchange Commission, invests in high quality, short term investments; all LGIP money market securities must be rated A-1 by Standard & Poors Corporation or P1 by Moody's Investor Services, Inc. The LGIP weighted average maturity must not exceed 90 days and no single investment may exceed 762 days in maturity. Withdrawals in excess of \$10 million are available on a one day notice. The LGIP Annual Report is available on the State Treasurer's website at <http://tre.wa.gov/LGIP/lqip.htm>.

Note 4 - Status of Operations

In 2000, NoaNet was organized to serve a unique niche in the telecommunications industry focusing on delivery of fiber optic based broadband access to underserved areas primarily in rural parts of Washington State. Today member networks have been built such that NoaNet's footprint extends into many rural counties in the State. The operating platform is open access and services reflect cost-based pricing as NoaNet is organized as a non-profit entity. NoaNet has continued to expand its offerings to include network coordinated services to its members such as network element monitoring, operations, sales and administrative services.

NoaNet's operating revenues increased 17% during 2008, resulting in positive operating income and cash flows and EBITDA. Continued increases in sales are projected (but not guaranteed) as a result of ongoing and expanded marketing and sales activities, some in coordination with NoaNet members and others (See Note 11).

NoaNet's thirteen members are committed both philosophically and financially to support NoaNet through the transition from a start-up to an on-going wholesale telecommunications service provider. Pursuant to a repayment agreement, the members and several former members are responsible for debt service payments on NoaNet's Revenue Bonds to the extent NoaNet does not have sufficient funds to make those payments after paying or providing for cost of maintenance and operations. The members also provide operating assessments approved by the Board. There were no such operating assessments in 2008 or 2007. Payments by members and former members under repayment agreements were approximately \$2.6 and \$3.1 million in 2008 and 2007, respectively. Authorized payments for 2009 are expected to be approximately \$1.6 million.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 4 - Status of Operations (Continued)

NoaNet believes it is favorably positioned considering the nature of the rural markets it serves and its members' continuing support and commitment to providing broadband to underserved regions of the State.

Note 5 - Property and Equipment

A summary of the balances and changes in property and equipment are as follows:

	2007	Additions	Retirements/ Other	2008
Equipment	\$ 21,264,927	\$ 2,615,930	\$ -	\$ 23,880,857
Structures	6,342,126	57,128	-	6,399,254
Total property and equipment	27,607,053	2,673,058	-	30,280,111
Less accumulated depreciation	14,319,294	2,910,508	-	17,229,802
Net property and equipment	<u>\$ 13,287,759</u>			<u>\$ 13,050,309</u>

Indefeasible Right of Use Agreement

Certain of NoaNet's assets support an indefeasible right of use agreement accounted for as an operating lease (See Note 11). These assets amounted to approximately \$6.5 million at December 31, 2008 and 2007.

Note 6 - Notes Payable

In 2008 NoaNet established a \$1.5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures and network upgrades. The principal amount outstanding on the line of credit was \$1,500,000 at December 31, 2008. The note is due in twenty equal installments commencing February 1, 2009 and bears interest at either the prime rate less 1.0% or the LIBOR rate plus 1.5%. Rate options are determined by NoaNet. At December 31, 2008, NoaNet has selected the prime rate less 1.0%. The line matures on November 1, 2013, is collateralized by NoaNet's net revenues and member guarantees, and is in a junior lien position to the Telecommunications Network Revenue Bonds (See Note 7).

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 6 - Notes Payable (Continued)

In 2006 NoaNet established a \$5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures. The principal amount outstanding on the line of credit was \$2,629,495 and \$3,650,220 at December 31, 2008 and 2007, respectively. The note is due in two quarterly installments of interest only and then eighteen quarterly installments of principal and interest commencing September 1, 2006 and bears interest at either the prime rate less .35% or the LIBOR rate plus 2.35%. Rate options are determined by NoaNet. At December 31, 2008 NoaNet has selected the prime rate less .35%. The line matures on June 1, 2011, is collateralized by NoaNet's net revenues and is in a junior lien position to the Telecommunications Network Revenue Bonds (See Note 7).

In 2003 NoaNet established a \$5 million non-revolving line of credit with a commercial lender in order to finance capital expenditures and network upgrades. The principal amount outstanding on the line of credit was \$76,923 and \$384,615 at December 31, 2008 and 2007, respectively. The note is due in thirteen equal quarterly installments commencing eighteen months after the date an amount is first drawn on each Tranche. Each Tranche bears interest at either the prime rate or the LIBOR rate plus 2.0%. Rate options are determined by NoaNet. At December 31, 2008, NoaNet has selected the LIBOR rate plus 2.0%. The line matured on March 31, 2009.

NoaNet covenants that it shall assess its members for their percentage share of principal and interest on the notes to the extent that NoaNet does not have sufficient funds to pay the notes after paying or providing for cost of maintenance and operations of NoaNet and after providing for the payment of principal and interest on NoaNet's outstanding Telecommunications Network Revenue Bonds (2001). NoaNet is also subject to certain financial and non-financial covenants.

Scheduled debt service payments on principal are as follows:

2009	\$ 1,427,924
2010	1,485,957
2011	617,537
2012	300,000
2013	375,000
	<hr/>
	\$ 4,206,418

The prime rate and LIBOR rate as of December 31, 2008 was 3.25% and 2.00%, respectively.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 7 - Telecommunications Network Revenue Bonds, 2001 (Taxable)

On July 15, 2001, NoaNet issued at par \$27,000,000 in Telecommunications Network Revenue Bonds. Interest on the bonds is payable semi-annually each June 1 and December 1. Principal of the bonds is payable annually on December 1; from December 1, 2003 through December 1, 2011 for the Serial Bonds; and December 1, 2016 for the Term Bonds. The Term Bonds have annual principal sinking fund requirements beginning December 1, 2012.

The members and several former members have entered into a Repayment Agreement under which they are responsible for debt payments to the extent NoaNet does not have sufficient funds to make those payments after paying or providing for cost of maintenance and operations.

	<u>2008</u>	<u>2007</u>
Serial bonds due through 2011 (interest from 6.34% to 6.44%)	\$ 5,785,000	\$ 7,490,000
7.09% term bonds due 2016	<u>12,575,000</u>	<u>12,575,000</u>
Total revenue bonds	18,360,000	20,065,000
Less current portion of revenue bonds	<u>1,810,000</u>	<u>1,705,000</u>
Long-term portion of revenue bonds	<u><u>\$ 16,550,000</u></u>	<u><u>\$ 18,360,000</u></u>

Scheduled debt service payments for principal and interest and principal maturities are as follows:

	<u>Sinking Funds</u>			Principal Maturities
	<u>Interest</u>	<u>Principal</u>	<u>Total</u>	
2009	\$ 1,261,349	\$ 1,810,000	\$ 3,071,349	\$ 1,810,000
2010	1,146,595	1,925,000	3,071,595	1,925,000
2011	1,023,588	2,050,000	3,073,588	2,050,000
2012	891,568	2,185,000	3,076,568	2,185,000
2013	736,651	2,335,000	3,071,651	2,335,000
2014 - 2016	<u>1,168,078</u>	<u>8,055,000</u>	<u>9,223,078</u>	<u>8,055,000</u>
	<u><u>\$ 6,227,829</u></u>	<u><u>\$ 18,360,000</u></u>	<u><u>\$ 24,587,829</u></u>	<u><u>\$ 18,360,000</u></u>

The Bond resolution requires the establishment and maintenance of bond proceeds, interest and reserve fund accounts, the purpose of which are to provide additional security as well as scheduled debt service payments. The reserve fund is to be maintained throughout the term of the bonds, in investments as permitted by the resolution.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 7 - Telecommunications Network Revenue Bonds, 2001 (Taxable) (Continued)

During the year ended December 31, 2008, the following changes occurred in bonds payable:

	<u>2007</u>	<u>Additions</u>	<u>Reductions</u>	<u>2008</u>	<u>Due Within One Year</u>
Revenue Bonds	\$ 20,065,000	\$ -	\$ 1,705,000	\$ 18,360,000	\$ 1,810,000

Note 8 - Operating Leases and License

NoaNet maintains a long-term operating lease agreement with Bonneville Power Administration (BPA) to lease property for the placement of regenerator huts and appurtenant cables, vaults and devices. NoaNet also maintains a long-term license agreement with BPA to access public benefit fibers and commercial fibers along a 1,279 mile route in the Pacific Northwest. This license includes annual fiber fees and maintenance charges. The BPA agreements will expire in 2019 unless extended by mutual agreement. Expenses incurred under these agreements were \$1,558,625 and \$1,293,521 for the years ended December 31, 2008 and 2007, respectively.

In addition, NoaNet maintains several agreements with telecommunication providers for connectivity, dark fiber, equipment rooms and transport services, which require payment of monthly charges based upon usage or fixed fee arrangements. Certain leases include renewal options and additional monthly charges may be incurred for the use of capacity above the amounts contracted in the agreements. Expenses incurred under these agreements were \$4,710,298 and \$4,324,669 for the years ended December 31, 2008 and 2007, respectively.

Future minimum payments for the above leases and license are as follows:

2009	\$ 1,283,022
2010	1,348,862
2011	1,348,862
2012	1,348,862
2013	1,348,862
2014-2018	6,744,310
2019-2023	<u>1,078,554</u>
	<u>\$ 14,501,334</u>

During 2006, NoaNet entered into a five-year triple net facility lease with an option to renew for its network operations center. The minimum monthly rent is \$2,771.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 9 - Retirement Plans

Defined Benefit Plan

NoaNet maintains a single-employer defined benefit pension plan covering all eligible employees that is funded by required contributions from NoaNet. Annual contributions are based upon actuarial calculations (the most recent actuarial valuation was January 1, 2008). Following is the summary of plan information for the years ended December 31, 2008 and 2007:

	<u>2008</u>	<u>2007</u>
Projected benefit obligation at December 31	\$ 3,490,292	\$ 2,999,663
Fair value of plan assets at December 31	<u>1,691,089</u>	<u>1,690,737</u>
Under-funded amount	<u>\$ 1,799,203</u>	<u>\$ 1,308,926</u>
Accumulated benefit obligation	<u>\$ 3,099,184</u>	<u>\$ 2,680,627</u>
Accrued benefit obligation recognized in the balance sheet	<u>\$ 1,799,203</u>	<u>\$ 1,308,926</u>
	<u>2008</u>	<u>2007</u>
Actuarial assumptions as of December 31		
Discount rate	6.00%	6.00%
Expected return on plan assets	6.00%	6.00%
Rate of compensation increase	4.00%	4.00%
Pension benefits as of December 31		
Benefit cost	\$ 399,348	\$ 367,977
Employer contribution	-	249,000
Benefits paid	-	108,690
Benefits expected to paid for the years ending December 31:		
2009	\$ 7,156	
2010	51,931	
2011	52,667	
2012	53,341	
2013	111,533	
2014-2018	615,794	

Note 9 - Retirement Plans (Continued)

Benefits are paid at normal retirement generally in the form of a single life annuity and fully vest at six years of vesting service. Benefits may also be paid at death, disability and termination. Benefits are calculated at 2% of average monthly compensation times years of benefit service after May 1, 2004 plus benefits accrued prior to May 1, 2004. There were no substantive commitments for benefits other than as stated in the Plan. There are no significant liabilities other than for benefits. Plan assets are invested in certificates of deposit. Further information about the Plan may be requested from NoaNet Headquarters 5802 Overlook Ave NE Tacoma, WA 98422.

In January 2003 certain employees were transferred to NoaNet Oregon, a prior affiliate of NoaNet. The Plan was amended to freeze the benefits for these employees of NoaNet Oregon with additional years of service considered in the calculation of vesting as applicable.

Defined Contribution Plan

NoaNet sponsors a deferred compensation plan (Internal Revenue Code Section 457) for all eligible employees. The plan is entirely funded by voluntary employee contributions. All plan assets are held in trust for the exclusive benefit of participants and their beneficiaries. In 2008 NoaNet started a program of matching contributions. The match is capped annually at \$2,400 per eligible employee. NoaNet made matching contributions in 2008 of \$2,639.

Note 10 - Self-Insurance

NoaNet is a member of the Public Utility Risk Management Services Self-Insurance Fund (PURMS). RCW Chapter 48.62 authorizes the governing body of any one or more governmental entities to form together into or join a pool or organization for the joint purchasing of insurance, and/or joint self-insuring, and/or joint hiring or contracting for risk management services to the same extent that they may individually purchase insurance, self insure, or hire or contract for risk management services. An agreement to form a pooling arrangement was made pursuant to the provisions of RCW Chapter 54.16. The liability pool was formed on December 31, 1976 when certain PUDs in the State of Washington joined together by signing the Self Insurance Agreement (SIA) to pool their self-insured losses and jointly purchase insurance and administrative services. Nineteen members currently belong to PURMS.

Additional pools for property and health and welfare coverage were added in March 1997 and April 2000, respectively, under the same SIA and with the same membership. Each member elects the pools in which they participate. NoaNet has elected to participate in all three pools.

Members of each pool are assessed to maintain the designated self-insured retention. After termination, a member is still responsible for their share of contributions to the pools for any unresolved, unreported, and in-process claims for the period they were a signatory to the agreement. The pools are fully funded by its current and former members. Claims are filed by members with the Administrator, Pacific Underwriters, Seattle, WA, which has been contracted to perform claims adjustment and loss prevention services.

**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 10 - Self-Insurance (Continued)

The pools are governed by a Board of Directors which is comprised of one designated representative from each participating member. The Administrator and an elected Administrative Committee are responsible for conducting the business affairs of the pools.

Settled claims have not exceeded insurance coverage in any of the past three fiscal years.

A description of each pool follows:

Liability Pool

The Liability Pool has a \$1 million self-insured retention with \$2 million of reserves, increasing to \$3 million over the next three years. In addition, the Fund purchases \$60 million of excess general liability insurance and \$10 million of professional liability insurance over the \$1 million retention. The Fund also purchases \$35 million in directors and officers liability coverage with a retention of \$500,000. The deductible is \$250.

Property Pool

The majority of the property in the Property Pool has a \$250,000 self-insured retention. Certain classes of property have higher retention requirements up to \$750,000. Reserves for the Property Pool are set at \$750,000. In addition, the Fund purchases \$150 million of excess insurance over the \$250,000 (or higher) retention level. The deductible varies but for most classes of property it is \$250.

Health & Welfare Pool

The Health & Welfare Risk Pool (H&W Pool) provides health and welfare insurance for NoaNet employees and dependants in accordance with the terms of the self insurance agreement (SIA) and the terms of each member's respective coverage booklet, provided to employees.

The H&W Pool maintains reserves approximately equal to the sum of three times the amount of each member's historical average monthly H&W claims. The H&W Pool's ongoing operations are financed through monthly assessments of its participating members. Under such assessments, each member of the H&W Pool pays the Pool the cost the Pool incurred during the preceding month for H&W claims for member employee coverage as well as the member's share, determined under the H&W Pool general assessment formula, of shared H&W costs.

Shared H&W costs include administrative expenses incurred by the Pool, premiums for stop-loss insurance, PPO charges and shared H&W claims. A H&W claim becomes a "shared" expense when and to the extent the cost of the claim exceeds the stop-loss point applicable to a particular member's employee or when the cost of the claim makes the total amount a particular member has paid towards the claims of it's employees exceed the stop-loss point applicable to that member.

All stop-loss points are determined for each member and its employees pursuant to the H&W Pool general assessment formula. During 2008 and 2007 PURMS maintained stop-loss insurance with a commercial carrier in the aggregate amounts of \$180,000 and \$170,000, respectively, per insured.

Note 11 - Regional Service Provider Transport Services

Primary Transport Services

NoaNet serves as the primary transport provider for a major telecommunications company in the State of Washington to carry traffic for a number of schools and public agencies to several sites in rural areas of the State. This contract began in 2003 and had a term of four years. The contract was renewed for an additional two years in 2007. Rates are based upon the level of traffic. Revenue for the years ended December 31, 2008 and 2007 was \$1,681,772 and \$2,439,035, respectively.

Advanced Transport Services

NoaNet serves as the backbone transport provider for another major telecommunications company in the State of Washington to carry advanced services for a number of schools and public agencies to several sites in rural areas of the State. This program was implemented in 2004 and is extending and expanding beyond the original terms and duration of the agreement. Rates are based upon the level of traffic. Revenue for the years ended December 31, 2008 and 2007 was \$2,815,415 and \$1,906,809, respectively.

Warrenton-Westin Project

In 2004 NoaNet contracted with a major telecommunications company in the State of Alaska to construct, maintain and operate a network extending from Warrenton, OR to the Westin Building in Seattle, WA. The equipment is owned by the telecommunications company and at the end of five years the equipment can be purchased by NoaNet for a nominal amount. Over the course of the five years, NoaNet maintains and operates the network. Revenue for the years ended December 31, 2008 and 2007 was \$278,420 and \$282,287, respectively.

CTC Project

In 2006 NoaNet contracted with a major customer as a primary transport provider. The contract has a term of ten years. Revenue for the years ended December 31, 2008 and 2007 was \$1,638,733 and \$1,168,786, respectively.

HCN Project

In 2006 NoaNet entered into a 10-year Indefeasible Right of Use (IRU) agreement with a major customer to provide communication transport capacity. Amounts received under the IRU agreement are to be placed in a special fund (the High Capacity Network Fund) and drawn in accordance with an established schedule and as otherwise permitted under the IRU agreement. The IRU agreement is being accounted for as an operating lease and is reflected in the accompanying balance sheet as a contract receivable and deferred revenue. Revenue is being recognized on a straight-line basis over the 10-year term of the agreement beginning in 2007 (\$1.9 million annually). The following is the schedule of remaining amounts to be received under the agreement:

2009	<u>\$ 2,745,000</u>
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**NORTHWEST OPEN ACCESS NETWORK
NOTES TO FINANCIAL STATEMENTS**

Note 11 - Regional Service Provider Transport Services (Continued)

Revenue Concentration

During the years ended December 31, 2008 and 2007, NoaNet had sales to customers who individually accounted for greater than 10% of operating revenue. Sales to four customers totaled 53% and 60% of operating revenue for 2008 and 2007, respectively.

Note 12 - Related Party Transactions

As indicated in Note 1, NoaNet provides communication transport and related services to its members. Accounts receivable from members at December 31, 2008 and 2007 were approximately \$289,000 and \$300,000, respectively, and revenue for the years ended December 31, 2008 and 2007 was approximately \$2,300,000 and \$1,300,000, respectively.

SUPPLEMENTAL INFORMATION

**NORTHWEST OPEN ACCESS NETWORK
SCHEDULE OF OPERATING EXPENSES**

	YEAR ENDED DECEMBER 31,	
	<u>2008</u>	<u>2007</u>
Fiber optic and related licenses and leases	\$ 6,268,923	\$ 5,618,190
Depreciation	2,910,508	2,513,992
Network support and operations center	1,619,910	1,795,338
Marketing and member services	1,213,467	1,242,471
General and administrative	603,225	489,101
Administrative salaries	406,952	268,824
Taxes and licenses	321,286	303,113
Special projects	207,876	74,834
Professional fees	168,183	171,913
Bad debt expense	204	-
	<u>\$ 13,720,534</u>	<u>\$ 12,477,776</u>

Comprehensive Community Infrastructure Key Metrics Dashboard

Please refer to the CCI Grant Guidelines for instructions on completing this form.

Applicant Profile	
Applicant Name	Northwest Open Access network (NoaNet)
Title	State of Washington Broadband Consortium
Easygrants ID	5376
Headquarters	Tacoma, WA
Size (2009 Data) of Applicant Entity	<ul style="list-style-type: none"> • Current Year Revenues: \$16,838,553 • Employees: 31
Technology Type	Aerial Fiber (MM) WiMax (LM)
Key Partners	Kalispel Tribe of Indians, Jefferson County, Blackrock Cable, City of Port Angeles, Pend Oreille County Public Utility District, Washington State Library, Okanogan County Public Utility District, Kitsap County Public Utility District

Project Economics			
Budget Information		Project Financials	
Project Budget	\$79,002,417	Project Revenues (Yr 8)	\$3,216,931
Federal Contribution (%)	\$55,280,797 (70%)	Net Income and Margin (Yr 8)	(\$4,459,896)
Cash Match Amount (%)	\$5,672,138 (7%)	EBITDA and Margin (Yr 8)	\$935,208 (29%)
In Kind Match Amount (%)	\$18,049,442 (23%)	Rate of Return (w/o BTOP Funds)	0.0%
Middle Mile/Last Mile Budget Allocation		Rate of Return (w/ BTOP Funds)	5.06%
Middle Mile Percentage (%)	93.6%	Cost Efficiency	
Last Mile Percentage (%)	6.4%	Cost per Mile (MM)	\$66,394
Rural Last Mile Percentage	0%	Cost per Household (LM)	\$75.09

Market Territory	
Geographic Area(s)	The area covers Washington state. It consists of projects to fill in holes identified through underserved research or through new or expanded requested services, unavailable or unaffordable, to anchor institutions.
Middle Mile Network Composition	
Total Proposed Network Miles (MM only) including Round 1	<ul style="list-style-type: none"> • Total Miles: 3,172 (no microwave) • Backbone Miles: 3,005 • Lateral Miles: 168 • Microwave Miles: 194
New Construction Network Miles (MM only)	<ul style="list-style-type: none"> • Total Miles: 511 (no microwave) • Backbone Miles: 457 • Lateral Miles: 54 • Microwave Miles: 80
Existing Applicant Network Miles Utilized (MM only)	<ul style="list-style-type: none"> • Total Miles: 2332 • Backbone Miles: 2332 • Lateral Miles:

Comprehensive Community Infrastructure Key Metrics Dashboard

Leased Network Miles Utilized (MM only)	<ul style="list-style-type: none"> Total Miles: 0 Backbone Miles: 0 Lateral Miles: 0
Underserved/Unserved	<ul style="list-style-type: none"> Percentage of Backbone Miles in Underserved/Unserved Areas: 63% Percentage of Lateral Miles in Underserved/Unserved Areas: 74%
Existing Customer Base	
Existing Residential/Individual Customers within PFSA	0
Existing Business Customers within PFSA	0
Existing Community Anchor Institution Customers within PFSA	<ul style="list-style-type: none"> Total CAI's: 37 Community Colleges: 9 Public Safety Entities: 28
Existing Third Party Service Provider Customers within PFSA	12
Potential Customer Base	
Market Potential Households (within PFSA)	<ul style="list-style-type: none"> Total HH's: 86,893 Located in Underserved/Unserved Areas: 33,239
Market Potential Businesses (within PFSA)	<ul style="list-style-type: none"> Total Businesses: 14,921 Located in Underserved/Unserved Areas: 6,065
Market Potential Community Anchor Institutions (within PFSA)	<ul style="list-style-type: none"> Total CAI's: 1,388 Located in Underserved/Unserved Areas: 540 Community Colleges: 8 Public Safety Entities: 118
Market Potential Third Party Service Providers (within PFSA)	<ul style="list-style-type: none"> Total Third Party Service Providers in PFSA: 23 Expressing Commitment or Letter of Interest: 7
Funded Network Coverage	
Households Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> Total Households Connected: 8,176 Located in Underserved/Unserved Areas: 220
Businesses Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> Total Businesses Connected: 183 Located in Underserved/Unserved Areas: 21
Community Anchor Institutions Directly Connected (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> Total Directly Connected CAI's: 285 Located in Underserved/Unserved Areas: 188 Community Colleges: 5 Public Safety Entities: 37

Comprehensive Community Infrastructure Key Metrics Dashboard

Projected Subscribers by Year Five	<p><u>Directly Served by Applicant</u></p> <ul style="list-style-type: none"> • Community Anchor Institutions: 0 • Households: 0 • Businesses: 0 • Third Party Service Providers: 23 <p><u>Served by Proposed Network Via Third Party Service Provider</u></p> <ul style="list-style-type: none"> • Community Anchor Institutions: 657 • Households: 619 • Businesses: 245
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Other	
Proposed MM Network Capacity	<ul style="list-style-type: none"> • Backbone: 3.2 Terabyte (10Gbps wavelengths) • Laterals: 1Gbps to 10Gbps
Proposed LM Network Speed	<ul style="list-style-type: none"> • Highest offered speed tier: 6Mbps • Estimated Average speed for highest speed tier: 4.2Mbps
Total Points of Interconnection	<ul style="list-style-type: none"> • Total Pol's: 231 • Pol's in Underserved/Unserved Areas: 137 • Environmentally-controlled, non-passive Pols: 69
Jobs Created	<ul style="list-style-type: none"> • Direct Job-years: 105 • Indirect Job-years: 319 • Induced Job-years: 239
Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service)	9



June 22, 2010

DEPARTMENT OF COMMERCE
National Telecommunications and Information Administration
Broadband Technologies Opportunities Program (BTOP)
RIN: 0660-ZA28

RE: Summary of Changes to EasyGrant Application 5376

To Whom It May Concern:

Northwest Open Access Network (NoaNet) received a Supplemental Information Request (SIR) with 26 questions from NTIA. Many of the questions generated a narrative answer to the question but did not result in a change to the original application. Each of the questions listed below which reflect no change may have a narrative uploaded in the due diligence section of the EasyGrant system. NoaNet made the following changes to the original application as a result of the SIR during the due diligence phase of the grant process:

Question 1: CAI Direct Connect Metric Inconsistencies: In the Community Anchor Summary section of your application, you indicated 285 Total CAIs will be directly connected with funds included in this proposed project budget, but then listed 283 to be directly connected in the Key Metrics Attachment.

Change: The correct number of CAI was 285 and the Metric Dashboard was changed to match the application.

Question 2: No change to the application was made.

Question 3: No change to the application was made.

Question 4: No change to the application was made.

Question 5: In your Build-Out Timeline attachment it was determined that insufficient detail exists to determine your buildout activities and completion timeline.

Change: The Build-out timeline was changed to include milestones and tasks to reflect permitting, equipment procurement and installation and testing.

Question 6 and 7: In your Detailed Budget attachment it was determined that insufficient information exists to determine the wireline cost efficiency.



Change: The Detailed Budget was changed to provide sufficient detail relating to capital costs for middle mile transmission infrastructure and last mile infrastructure. An additional narrative was provided with additional detail and explaining the Metric Dashboard “cost per mile”.

Question 8: No change was made to the application.

Question 9: No change was made to the application.

Question 10: No change was made to the application.

Question 11: No change was made to the application.

Question 12: No change was made to the application.

Question 13: No change was made to the application.

Question 14: No change was made to the application.

Question 15: You say that cost per mile is \$73,251 in your Key Metrics Dashboard. However, it's not evident how that was calculated. Also, MM and LM budget allocation numbers in the dashboard appear to be reversed.

The MM and LM budget allocation numbers in the Metric Dashboard were reversed. The numbers were changed to the correct columns.

Question 16: No change was made to the application.

Question 17: The budget narrative you provided in your application does not sufficiently provide a breakout of the costs in section 10 (Equipment). Please state whether the Equipment will be purchased or leased.

Change: The Section 10 was changed to show number of units and unit costs and specify the purchase of equipment.

Question 18: SF 424 C: Three Cost Classifications within your SF 424 C are not rounded to the nearest dollar. These Cost Classifications are: Land, structures, rights-of-way, appraisals; Construction; Equipment. However, the amounts for these three Cost Classifications on your Budget Narrative and Detailed Budget are shown to the nearest



dollar. Please revise your SF- 424 C to show all amounts to the nearest dollar, and so the Budget Narrative and the SF 424 C will map to each other.

Change: SF-424 C was updated to the nearest dollar.

Question 19: No change was made to the application.

Question 20: No change was made to the application.

Question 21: No change was made to the application.

Question 22: Please provide detailed description, calculation, and basis of valuation for each in-kind matching source.

Change: Budget Narrative was edited to include a more detailed description of in-kind matching sources.

Question 23: No change was made to the application.

Question 24: No change was made to the application.

Question 25: Respond by providing the number and dimensions for each of the following facilities or structures relevant to your proposal:

- a) Towers
- b) Buildings (including pre-fabricated and huts)
- c) Structures requiring remodeling or renovation (dimensions not required, but include age of structure and extent of the renovation)
- d) Connections / attachments to existing structures

Change: Added detail about towers and buildings as requested.

Question 26: No change was made to the application.



June 22, 2010

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Change: Added detail about towers and buildings as requested.

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During the due diligence process the question of whether Business and Occupation tax, on capital funds granted by the government, is an allowable expense. It was determined that this tax would not be allowed in round 2 projects. Therefore the Budget Narrative, Detailed Budget, Proforma Financials and the SF-424C were updated to extract the B&O tax funds requested from the government and the corresponding matching funds.