

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

General Information		
<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570153	<b>3. DUNS Number</b>  025488169
<b>4. Recipient Organization</b>  Ocean State Higher Education Economic Development Administrative Network 6946 Post Rd., Ste 402, North Kingstown, RI 02852-7613		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  09-30-2012	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Alison Ferreira	<b>7c. Telephone (area code, number and extension)</b>  401 886088 X203	
	<b>7d. Email Address</b>  alison@oshean.org	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-26-2012	

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

**Fiber**  
Cox Communications has completed the installation of backbone fiber in the following counties: Providence, Kent, Washington, and Bristol. Cox has completed the majority of backbone fiber deployment in Newport County. Total fiber miles deployed = 410. Sidera is continuing its licensing and make ready efforts in Massachusetts. As of 9/30/12, sixty (60) Community Anchor Institution (“CAI”) laterals had been installed.

**Equipment**  
As of August 23, 2012, the optical node equipment in Providence, Kent, Washington, Newport and Bristol Counties was fully deployed, and the Rhode Island Beacon 2.0 fiber network was lit. CPT50 equipment continues to be deployed at CAI locations. As of 9/30/12, sixteen (16) CAIs were “lit” and receiving service.

**2. Please provide the percent complete for the following key milestones in your project. Write “0” in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	81	Per the baseline, the project is 2% behind the projected 83% completion due to a pending project modification request. This variance will have minimal impact on the overall project time line.
2b.	Environmental Assessment	0	N/A
2c.	Network Design	100	The core network design is complete
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	39	Site Preparation expenses are under budget
2g.	Equipment Procurement	100	Actual %: 135%. Equipment procurement is greater than budget, but consistent with the time line projected in the baseline.
2h.	Network Build (all components - owned, leased, IRU, etc)	76	Network build expenses are under budget, but the work performed is consistent with the 81% completion indicated in the baseline.
2i.	Equipment Deployment	100	Actual % = 409%. Equipment deployment is greater than budget, but consistent with the time line projected in the baseline.
2j.	Network Testing	34	Network testing expenses are under budget, but the work performed is consistent with the 67% completion indicated in the baseline.
2k.	Other (please specify):	65	While the % complete is below that projected in the baseline, efforts are still consistent with key milestones.

**3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

None. OSHEAN has resolved with Cisco the issue it held with CPT50 equipment.

**4. Please report the following information regarding network build progress. Write “0” in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).**

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	0	N/A
New network miles leased	410	Baseline = 275. Increase in mileage due to backbone deployment being ahead of schedule and total baseline/lateral miles increasing per a post award modification.
Existing network miles upgraded	401	Baseline = 522. Total miles contingent on pending post award modification.
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	811	Baseline = 749. Number of miles of new fiber are ahead of baseline schedule.
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	8	Baseline = 10. The final two interconnection points required additional site prep. The two sites are expected to be upgraded prior to 12/31/2012.

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:  
N/A

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:  
N/A

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this third party operates (600 words or less).

OSHEAN contracts to Atrion (Contractor) for Network Operations and call center support which includes support on all equipment (i.e. Optical, MPLS Switches, Routers).

Atrion  
125 Metro Center  
Warwick, RI 02886  
Contact: John Pyle  
Email: jpyle@atrion.net  
Phone: 401-736-6400

Cox Communications is a contractor of OSHEAN and provides support the the fiber optic cable. Cox is contracted to respond and repair any physical fiber issues.

CoxCom INC  
9 James P Murphy Hwy  
West Warwick, RI  
Contact: Marc Lataille  
Email: marc.lataille@cox.com  
Phone: 401-615-1425

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Community Anchor Institutions (including Government institutions)	Total subscribers served	60	While OSHEAN accepted 60 CAI laterals as of 9/30/12, only 16 subscribers were being served as of 9/30/12.
	Subscribers receiving new access	50	11 of the 50 subscribers were receiving lit service as of 9/30/12.
	Subscribers receiving improved access	10	6 of the 10 subscribers were receiving lit service as of 9/30/12. Total subscribers are slightly below the 13 projected in the baseline because of a shift in the subscriber lateral installation schedule, which increased the number of "subscribers receiving new access" for the period. This will have no impact on the overall project schedule.
	Please identify the speed tiers that are available and the number or subscribers for each	60	>1Gbps (27 subscribers) 1Gbps (16 subscribers), 10Gbps (17 subscribers)
Residential / Households	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

**7. Please describe any special offerings you may provide (600 words or less).**

None.

**8a. Have your network management practices changed over the last quarter?**  Yes  No

**8b. If so, please describe the changes (300 words or less).**

N/A

**9. Community Anchor Institutions:**

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
Community College of RI	Newport, RI	Community College	Y	Community College of RI will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
City of Providence	Providence, RI	Government	N	City of Providence will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
RI Division of IT	Warwick, RI	Government	Y	RI Division of IT will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
Lifespan	Newport, RI	Medical and Health Care Providers	Y	Lifespan will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
New England Institute of Technology	Warwick, RI	Medical and Health Care Providers	Y	New England Institute of Technology will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
New England Institute of Technology	East Greenwich, RI	Higher Education	Y	New England Institute of Technology will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
Roger Williams University	Bristol, RI	Higher Education	Y	Roger Williams University will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.
Salve Regina University	Newport, RI	Higher Education	Y	Salve Regina University will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.
South County Hospital	East Greenwich, RI	Medical and Health Care Providers	Y	South County Hospital will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
University of MA Dartmouth	North Dartmouth, MA	Higher Education	Y	University of MA Dartmouth will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
University of MA Dartmouth	New Bedford, MA	Higher Education	Y	University of MA Dartmouth will use the broadband connection to connect to its multi-site network, the OSHEAN core, and other CAIs on-net
US Naval War College	Newport, RI	Higher Education	Y	US Naval War College will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
Bryant University	Smithfield, RI	Higher Education	Y	Bryant University will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.
Providence College	Providence, RI	Higher Education	Y	Providence College will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.
OSHEAN	North Kingstown, RI	Other	Y	OSHEAN will use the broadband connection to connect to the OSHEAN core and other CAI sites on-net.
Burrillville Middle School	Burrillville, RI	K-12	Y	Burrillville Middle School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Burrillville High School	Burrillville, RI	K-12	Y	Burrillville High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Coventry High School	Coventry, RI	K-12	Y	Coventry High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Cranston Admin	Cranston, RI	K-12	Y	Cranston Admin will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Cumberland High School	Cumberland, RI	K-12	Y	Cumberland High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
East Greenwich High School	East Greenwich, RI	K-12	Y	East Greenwich High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
East Providence High School	East Providence, RI	K-12	Y	East Providence High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Exeter/West Greenwich Jr/Sr High School	West Greenwich, RI	K-12	Y	Exeter/West Greenwich Jr/Sr High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Johnston High School	Johnston, RI	K-12	Y	Johnston High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Lincoln Admin	Lincoln, RI	K-12	Y	Lincoln Admin will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be used for transport to a centralized firewall and filtering for secure access to Internet1/Internet2

Lincoln Middle/High School	Lincoln, RI	K-12	Y	Lincoln Middle/High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
North Providence High School	North Providence, RI	K-12	Y	North Providence High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
North Smithfield Jr/Sr High School	North Smithfield, RI	K-12	Y	North Smithfield Jr/Sr High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
PAIS	Providence, RI	K-12	Y	PAIS will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Pawtucket Admin	Pawtucket, RI	K-12	Y	Pawtucket Admin will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Ponaganset High School	North Scituate, RI	K-12	Y	Ponaganset School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Scituate Middle & High School	Scituate, RI	K-12	Y	Scituate Middle & High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Smithfield High School	Smithfield, RI	K-12	Y	Smithfield High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Tollgate High School	Warwick, RI	K-12	Y	Tollgate High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
West Warwick High School	West Warwick, RI	K-12	Y	West Warwick High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Warwick Admin	Warwick, RI	K-12	Y	Warwick Admin will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Woonsocket High School	Woonsocket, RI	K-12	Y	Woonsocket High School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Woonsocket Middle School	Woonsocket, RI	K-12	Y	Woonsocket Middle School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2

Woonsocket Middle School	Woonsocket, RI	K-12	Y	Woonsocket Middle School will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Ocean State Libraries	Warwick, RI	Library	Y	Ocean State Libraries will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2
Woonsocket Harris Public Library	Woonsocket, RI	Library	Y	Woonsocket Harris Public Library will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/Internet2
Woonsocket McFee	Woonsocket, RI	K-12	Y	Woonsocket McFee will use the broadband connection for transport to other districts and Higher Ed for e-learning and classroom video streaming. It will also be sued for transport to a centralized firewall and filtering for secure access to Internet1/ Internet2

**Project Indicators (Next Quarter)**

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

**Fiber**  
 Recognition of additional networks miles is pending a project modification request. OSHEAN projects the installation of fiber laterals at five (5) additional CAI sites.

**Equipment**  
 OSHEAN expects to complete the deployment of Cisco 15454 equipment at its remaining optical node sites. The installation of CPT50 equipment will continue at CAI sites. Nine (9) additional CAIs are projected to receive "lit" service.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	86	Per the baseline, the project is behind the 97% projection due to a modification request pending. This variance will have minimal impact on the overall project time line.
2b.	Environmental Assessment	0	N/A
2c.	Network Design	100	The core network design is complete
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	45	Site Preparation efforts are under budget, but projected to be complete by 12/31/12.
2g.	Equipment Procurement	100	All equipment is expected to be ordered
2h.	Network Build (all components - owned, leased, IRU, etc.)	76	Network build expenses are under budget, but the work performed is consistent with the 94% completion indicated in the baseline.
2i.	Equipment Deployment	100	Equipment deployment efforts are greater than budget, and shall continue for the installation of CAI optical equipment
2j.	Network Testing	43	Network testing efforts are projected to be under budget.
2k.	Other (please specify):	79	While the percent complete is below that projected in the baseline, efforts are still consistent with key milestones.

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

None anticipated.



RECIPIENT NAME: Ocean State Higher Education Economic Development Administrative Network

AWARD NUMBER: NT10BIX5570153

DATE: 11/26/2012

OMB CONTROL NUMBER: 0660-0037  
EXPIRATION DATE: 12/31/2013


**Infrastructure Budget Execution Details**

**Activity Based Expenditures (Infrastructure)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$27,531,256	\$8,441,149	\$19,090,107	\$19,828,407	\$4,696,882	\$15,131,525	\$21,374,984	\$5,343,746	\$16,031,238
j. Equipment	\$4,484,034	\$1,834,958	\$2,649,076	\$6,438,186	\$2,508,520	\$3,929,666	\$6,624,891	\$2,508,520	\$4,116,371
k. Miscellaneous	\$461,701	\$461,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	\$32,476,991	\$10,737,808	\$21,739,183	\$26,266,593	\$7,205,402	\$19,061,191	\$27,999,875	\$7,852,266	\$20,147,609
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	\$32,476,991	\$10,737,808	\$21,739,183	\$26,266,593	\$7,205,402	\$19,061,191	\$27,999,875	\$7,852,266	\$20,147,609

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0      b. Program Income to Date: \$0