

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

12-50-M09034

4. Report Date (MM/DD/YYYY)

01-23-2012

1. Recipient Name

Florida Department of Management Services

6. Designated Entity On Behalf Of:

State of Florida

3. Street Address

4030 Esplanade Way, Suite 180,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Tallahassee, FL 32399

7. Project / Grant Period

Start Date: (MM/DD/YYYY)

12-01-2009

7a.

End Date: (MM/DD/YYYY)

11-30-2014

7b.

Reporting Period End Date:

12-31-2011

9a. If Other, please describe:

N/A

**10. Broadband Mapping**

10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
0	0	0	0	0	0

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office?  Yes  No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project?  Yes  No

10d. If so, describe the discussions to date with each of these providers and the current status

See Connected Nation documentation provided outside of the PPR for all details.

561net: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made between October 21 and December 23 and the provider remains non-responsive.

AreYouOnline.Net: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made between October 21 and December 23 and the provider remains non-responsive.

Birch Communications, Inc.: The provider refused to participate during the October 2011 mapping cycle to NTIA. After contact was made on November 18 the provider still refused to participate.

Brevard Wireless: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 23 the provider remains non-responsive.

Cablevision of Marion County LLC: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 23 the provider remains non-responsive.

ClearSurf Broadband: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 23 the provider remains non-responsive.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

Not applicable per Connected Nation

10f. Please describe the verification activities you plan to implement

Esri is deploying and hosting the BroadbandStat (BBStat) web application. Esri hosts the customized BroadbandStat (BBStat) application in their highly available, monitored, and managed environment. The scope of services includes setting up a staging environment for data verification and compatibility as well as a production environment for client access. Consumer feedback in the form of broadband inquiries is also collected. These inquiries represent any type of communications received from the public regarding broadband service. Once broadband inquiries are received across the state, this information is overlaid with the broadband availability information which was collected through the State Broadband Initiative (SBI) program. This allows for a real-world comparison of the broadband landscape to the information received from broadband inquiries. Broadband inquiries are able to provide three types of information: 1) residents who do not have broadband but want it; 2) residents who have broadband but want a different provider; and 3) residents who do not have broadband, but the broadband inventory maps indicate that they do. If residents within a region state that they are without broadband, but the broadband inventory maps show otherwise, this allows our vendor to approach the providers within that area in an effort to trim down their coverage to more accurately represent real-world availability on the ground.

Within the Q3 2011 Performance Progress Report (PPR) period, Connect Florida proposed to target 6 additional companies in order to achieve a field validation rate equal to or exceeding 31.17% before December 31, 2011. As of this report, field validation has been completed on 28.95% of the provider universe. The validation rate reduction is attributed to provider acquisitions of previously reported validated companies. Connected Nation's contract with the Florida Department of Management Services expired December 31, 2011.

10g. Have you initiated verification activities?  Yes  No

10h. If yes, please describe the status of your activities

BBStat is publicly available on the Connect Florida website and received a total of 383 visits between October 1, 2011 and December 31, 2011.

During this quarter, the Connect Florida project received a total of 3 broadband inquiries.

For this reporting period, 0 field verification tests were conducted. Thus far, our mapping vendor's staff conducted multiple tests on the following providers: AirPowered; AT&T Inc.; Bright House Networks LLC; Broadband South (d.b.a. Mainstreet Broadband); Cellular South Inc.; CenturyLink; the City of Quincy; Clearwire Corporation; Comcast; Frontier Communications; GTC, Inc.; MediaCom; MetroPCS; Northeast Florida Telephone Company; Orlando Telephone Company (d.b.a. Summit Broadband; PCI Wireless; SouthernLight; LLC; Sprint Nextel Corporation; T-Mobile USA, Inc.; tw telecom; Verizon Florida LLC; and Windstream Communications (d.b.a NuVox and PAETEC). To date, field validation testing has been completed against 22 provider companies (out of a universe of 76 viable providers) totaling 28.95% within the state. The validation rate had reached 32.43%, however, mergers and acquisitions activity (e.g. PAETEC's acquisition of Cavalier Telephone followed by Windstream's acquisition of PAETEC) caused a reduction in the actual year ending final percentage.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

not applicable per Connected Nation

## Staffing

10j. How many jobs have been created or retained as a result of this project?

There are a total of 15.56 FTE working on the 5 projects with a total of 76 headcount

10k. Is the project currently fully staffed?  Yes  No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

We are finalizing bringing the two planned graduate students for the grants assistance project in the next week. We do not expect any further impact.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

17.56 FTE

10n. Staffing Table

Job Title	FTE %	Date of Hire
State of Florida Director	100	06/22/2009
State of Florida Mapping Project Manager	100	08/25/2011
State of Florida E-rate Coordinator	100	10/01/2011
State of Florida E-rate Coordinator	100	10/07/2011
State of Florida E-rate Coordinator	100	10/21/2011
State of Florida Grants Assistance Manager	100	10/25/2011
University of Florida - Sr. GIS Analyst	10	06/30/2010
University of Florida - Director of Operations	2	12/20/2009
DOS Contractor Hayes Computers Network Architect	3	07/12/2011
DOS Contractor Hayes Computers Network Architect	6	07/12/2011

DOS Contractor Hayes Computers Network Architect	5	07/12/2011
DOS Contractor Hayes Computers Enterprise Architect	2	07/12/2011
DOS Contractor Hayes Computers Enterprise Architect	8	07/12/2011
DOS Contractor Hayes Computers Technology Researcher	88	07/12/2011
DOS Contractor Hayes Computers System Architect	47	07/12/2011
DOS Contractor Hayes Computers Program Manager	99	07/12/2011
Associate Counsel	3	09/14/2009
Business Programmer Analyst	1	04/02/2007
CAI Coordinator	1	12/13/2004
CAI Data Analyst	8	3/24/2009
ETS Analyst	1	11/1/2007
ETS Manager	9	7/1/2007
ETS Sr. Analyst	2	2/18/2010
General Counsel	3	1/1/2007
GIS Analyst	1	11/16/2009
GIS Analyst	17	5/14/2007
GIS Services Manager	4	5/15/2007
Outreach & Awareness Manager	3	3/24/2009
Outreach & Awareness Specialist	2	10/1/2007
Outreach & Awareness Specialist	3	1/4/2010
Outreach & Awareness Specialist	5	1/4/2010
Program Director	5	8/4/2008
Project Coordinator	1	8/1/2008
Project Coordinator	5	4/1/2005
Project Management Director	7	12/16/2009
Project Manager	1	9/4/2007
Project Manager	28	8/20/2007
Provider Relations Manager	8	2/17/2005
Research & GIS Analyst	3	5/14/2007
Research Analyst	1	10/17/2011
Research Analyst	1	9/19/2011
Research Analyst	2	3/22/2010
Research Analyst	2	2/1/2010

Research Analyst	10	6/1/2009
Research Analyst	65	2/16/2010
Research Analyst	65	2/16/2010
Research Manager	4	5/14/2007
State Services Manager	1	7/1/2007
State Services Specialist	4	3/24/2009
State Services Sr. Specialist	2	12/20/2009
TBRPC Senior Planner	35	9/29/2006
TBRPC Director of Planning	7	7/11/1994
TBRPC Principal Planner/Information Technology Manager	28	11/20/1985
CFRPC Senior Planner	2	10/01/2008
CFRPC Planning/Admin Director	1	2/18/2008
CFRPC Finance Director	1	8/29/2011
CFRPC Planner	93	8/22/2011
CFRPC Administrative Assistant	3	7/13/2011
CFRPC Program Manager	88	7/05/2011
CFRPC Planning Assistant/Graphic Designer	6	1/20/2009
CFRPC Planner	5	6/01/2011
CFRPC GIS Specialist	10	9/22/2008
CFRPC Planner	2	8/29/2011
CFRPC Planner	2	7/22/2011
CFRPC Program Director	4	3/20/2006
CFRPC Executive Director	18	1/09/2006
CFRPC Senior Planner	4	12/27/2007
SWFRPC Interim Executive Director	1	8/24/2003
SWFRPC Planning Director	2	4/4/2008
SWFRPC Planner III/Network Administrator	32	5/3/1999
SWFRPC Planner IV	1	11/5/2001
SWFRPC Planner I/IT Support	34	4/5/2006
SWFRPC GIS Manager	8	3/1/1993
SWFRPC GIS Analyst	17	2/26/2007
SWFRPC Administrative Specialist II	3	8/19/1991
SWFRPC Administrative Specialist II	1	8/12/1991
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## Sub Contracts

### 10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
Connected Nation	broadband mapping	Y	Y	12/27/2010	12/31/2011	3,751,769	11,605
University of Florida	planning and mapping	Y	Y	06/22/2010	06/30/2012	500,000	0
Regional Planning councils	planning	Y	Y	07/19/2011	10/31/2013	990,000	265,000
Contracted Grad Students	grants assistance	N	N	02/08/2012	11/30/2014	249,600	0
Department of State Libraries	library technology assessments	Y	Y	07/19/2011	07/19/2012	560,000	140,444

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## Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,718,832      10q. How much Remains? \$6,158,196

10r. How much matching funds have been expended as of the end of last quarter? \$1,235,900      10s. How much Remains? \$1,641,425

### 10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	\$2,534,876	\$677,397	\$3,212,273	\$378,366	\$0	\$378,366
Personnel Fringe Benefits	\$195,343	\$224,151	\$419,494	\$10,575	\$0	\$10,575
Travel	\$83,440	\$0	\$83,440	\$7,486	\$0	\$7,486
Equipment	\$0	\$11,328	\$11,328	\$0	\$0	\$0
Materials / Supplies	\$0	\$5,544	\$5,544	\$0	\$0	\$0
<b>Subcontracts Total</b>	<b>\$6,051,369</b>	<b>\$356,605</b>	<b>\$6,407,974</b>	<b>\$2,322,405</b>	<b>\$246,713</b>	<b>\$2,569,118</b>
Subcontract #1	\$3,751,769	\$11,605	\$3,763,374	\$1,673,307	\$0	\$1,673,307
Subcontract #2	\$500,000	\$0	\$500,000	\$484,828	\$0	\$484,828
Subcontract #3	\$990,000	\$265,000	\$1,255,000	\$65,720	\$56,157	\$121,877
Subcontract #4	\$249,600	\$80,000	\$329,600	\$0	\$0	\$0
Subcontract #5	\$560,000	\$0	\$560,000	\$98,550	\$190,556	\$289,106
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$12,000	\$1,602,300	\$1,614,300	\$0	\$989,187	\$989,187
<b>Total Direct Costs</b>	<b>\$8,877,028</b>	<b>\$2,877,325</b>	<b>\$11,754,353</b>	<b>\$2,718,832</b>	<b>\$1,235,900</b>	<b>\$3,954,732</b>
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs</b>	<b>\$8,877,028</b>	<b>\$2,877,325</b>	<b>\$11,754,353</b>	<b>\$2,718,832</b>	<b>\$1,235,900</b>	<b>\$3,954,732</b>
% Of Total	76	24	100	69	31	100

## Hardware / Software

10u. Has the project team purchased the software / hardware described in the application?  Yes  No

10v. If yes, please list

N/A

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

N/A

10x. Has the project team purchased or used any data sets?  Yes  No

10y. If yes, please list

N/A

10z. Are there any additional project milestones or information that has not been included?  Yes  No

10aa. If yes, please list

During the fourth quarter of 2011, Connect Florida finalized the broadband service inventory maps at the statewide and county levels from the October 2011 update and updated the interactive broadband map accordingly. Connect Florida also incorporated 2010 Census household data to update the density of unserved households maps. Efforts toward the April 2012 submission began via distributing formal request e-mails to all viable providers and general resellers. As of December 31, 30 general resellers and 76 unique broadband providers have been identified. Of the 76 unique broadband providers, 1 has refused to participate and the remaining 75 have been contacted or have made progress toward data update or submission. Twenty-two(22) of the broadband providers were validated by the end of the year with a validation rate of 28.95% in the state of Florida. Additionally, 1 provider submitted first-time data (Rapid Systems) and two new providers were identified (NetBee and TransWorld Network, Corp.).

During Q4 2011, program vendor Connected Nation (CN), working in close coordination with the Florida Department of Management Services (DMS), continued gathering data on the location and broadband connectivity of Community Anchor Institutions (CAI), in accordance with the data requirements of the SBI Notice of Funds Availability (NOFA) Technical Appendix. Efforts have been focused on conducting outreach and raising awareness of this important project through a statewide campaign. Outreach was conducted during this period to continue identification of existing, centralized sources for Community Anchor Institution connectivity data. This resulted in receipt of a number of responses from Florida private schools. Data received was processed accordingly.

This quarter follow-up outreach continued to 2,300 private schools within the state to continue to build upon our efforts in Q3 2011. Additionally, Connect Florida worked closely with DMS staff to identify updated contacts in th

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

N/A

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

The Department of Management Services continues to research Community Anchor Institutions in Florida and is working with the University of Florida GeoPlan GIS research Center to identify meaningful data layers that will be beneficial to broadband planning in the state. The research mapping site can be found at: <http://bb-prod.geoplan.ufl.edu/flexviewer/> We have added fiber routes and county/city fiber networks where providers are willing to provide this information. See the attached DMS broadband mapping document for additional details regarding the Department's current rebid of the mapping project. The contract with Connected Nation ended on December 31 2011. We have signed an interim mapping services contract with the Tampa Bay Regional Planning Council until the new procurement is concluded and a new contract is signed.

## 11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status

Following the Local/Regional Technology Planning Teams Project Plan, the focus of the project team's work in this quarter (ending December 31, 2011) was on five primary milestones which support all of the six annual project outcomes.

Prepare Inventory and Documentation of Local/Regional Broadband Assets

This primary milestone continues the development of regional GIS data layer views of regional broadband assets. The activities associated with this milestone achieve the annual project outcome of developing tools and processes for obtaining and reporting data

related to regional broadband assets. The corresponding primary activities associated with this milestone are outlined below:

- A modified data model has been developed for analysis and reporting of regional broadband assets. A geodatabase has been created that fits with the Florida Broadband Mapping workflow (separate statewide broadband program) while allowing custom analyses to be run at the regional level. This model has been tested using replication for the branch regional entities involved in this process.
- Asset inventory data from the broadband mapping team has been uploaded and imported in the established periodic time frame. The October semi-annual broadband inventory dataset was incorporated into the regional planning geodatabase model.
- Draft demographic and broadband asset inventory report for one pilot planning area was produced. This involved conducting demographic and socioeconomic analyses on the Polk County pilot planning region. Various maps of community anchor institutions were also created.
- A draft broadband analysis report was produced; including gaps, trends, and focus areas observed. This report will be updated as outlined in the project plan as newer data becomes available and is collected.

Develop the Broadband Community Organization  
 See additional details in uploaded document for Broadband Planning project.

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

The obstacle to the project has been the amount of time staff is having to expend on answering questions and providing information regarding Florida HB945 and SB1242 which proposes to move the grant out of DMS to the Department of Economic Opportunity.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning?  Yes  No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

If the proposed bill in the Florida legislature passes into law and the authority and responsibility for the grant is removed from the Department of Management Services to the Department of Economic Opportunity, the state may request changes to the grant.

**Funding**

11e. How much Federal funding has been expended as of the end of the last quarter? \$0                      11f. How much Remains? \$0

11g. How much matching funds have been expended as of the end of last quarter? \$0                      11h. How much Remains? \$0

11i. Planning Worksheet

Personal Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Personnel Fringe Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Subcontracts Total	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #1	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #2	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0
Total Direct Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0	\$0	\$0	\$0

11i. Planning Worksheet

% Of Total	0	0	0	0	0	0
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**Additional Planning Information**

11j. Are there any additional project milestones or information that has not been included?

N/A

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

N/A

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

N/A



12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents.

12a. Typed or Printed Name and Title of Authorized Certifying Official

Bill Price

Broadband Program Director

12c. Telephone  
(area code, number, and extension)

(850) 491-0709

12d. Email Address

Bill.Price@dms.myflorida.com

12b. Signature of Authorized Certifying Official

Submitted Electronically

12e. Date Report Submitted  
(Month, Day, Year)

01-31-2012