

Broadband Florida Q1 2013 PPR Report Details
Project Attachment – Broadband Mapping

Question 2: Describe any additional project milestones that have been accomplished over this reporting period (Ex. Updates to state broadband maps and websites, map outreach activities)

During the first quarter of 2013 the mapping project manager focused on contacting the list of providers that was assembled in the previous quarter, collecting data, and preparing it for the April 1, 2013 submission package. The Department also continued work on identifying additional broadband service providers, outreach and update of provider contact information, refinement and design of the Broadband Florida map viewer, and data verification.

The Department started receiving services from BroadMap, LLC., in mid-October and fully transitioned services from the Tampa Bay Regional Planning Council who was the interim contractor. BroadMap and the Department worked with providers to familiarize them with the data process and the Provider Portal; an interactive tool utilized to verify and modify service coverage areas and technology information.

Provider Outreach

Provider outreach efforts continued throughout the first quarter of 2013. The Department made every effort to contact the providers regarding data submittals and data verification with the Provider Portal to confirm or correct the individual provider's coverage map. Follow-up correspondence, NDA execution, and further outreach added to the quality of the April 2013 data submission with an addition of five providers submitting data for the first time.

- Non-Participating Providers: Florida identified three providers that will not participate in the mapping program.
 - Birch Communications maintains their position that participation in the project would violate Homeland Security guidelines and once again declined to participate. The Department sent communication via email and spoke with a liaison via phone in an effort to discuss the program.
 - CyberStreet, Inc. spoke to the Mapping Project Manager and stated that the company is not interested in participating. The accuracy, use, frequency of collection, and time to prepare the information are viewed as deterrents to the company.
 - Omnispring LLC, which was formerly unresponsive, spoke to the Mapping Project Manager and stated that the company does not participate on a nationwide basis. The accuracy, use, frequency of collection, and time to prepare the information are viewed as deterrents to the company.
- Non-Responsive Providers: In addition to the companies listed above, there were 30 providers that were unresponsive to multiple contact attempts in the 1st quarter of 2013. The following table depicts a list of the non-responsive providers with the corresponding contact attempts made by the Department.

Table 1: Non-Responsive Provider Contact Log

Provider Name	Date	Type and Subject of Contact
561net	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/14/2013	Call
	3/08/2013	Call
Advanced Cable Communications	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/14/2013	Call
	3/08/2013	Call
airPowered	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/14/2013	Call
	3/08/2013	Call
Altitude (purchased Florida infrastructure from James Cable – initial outreach was with James Cable)	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/15/2013	Call
Bright House Networks	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/14/2013	Call
	3/08/2013	Call
Cablevision of Marion County LLC	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/18/2013	Call
	2/18/2013	Email: Follow up on Broadband Mapping Data
	3/08/2013	Call
Cellular South, Inc.	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/18/2013	Call
	2/18/2013	Email: Follow up on Broadband Mapping Data
	3/08/2013	Call
Cogent Communications, Inc.	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/18/2013	Call

CommFunction, LLC	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/08/2013	Call
FiberLight, LLC	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/21/2013	Call
	3/08/2013	Call
Florida High Speed Internet	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
FPL FiberNet, LLC	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/08/2013	Call
FPUAnet Communications	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/08/2013	Call
GBS Online	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/1/2013	Call
	3/08/2013	Call
GRUCom	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/1/2013	Call
Knology of Florida, Inc.	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/4/2013	Call
Litestream Holdings, LLC	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/4/2013	Call
Litestream Technologies	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/4/2013	Call
Long Hammock Wireless	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection

	2/11/2013	Email: Provider Portal Training
	3/4/2013	Call
Marco Island Cable, Inc.	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/4/2013	Call
Nature Coast Networks	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/25/2013	Call
	3/04/2013	Email: Provider Portal Credentials
PDMNet	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/25/2013	Call
Rapid Systems Corporation	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/11/2013	Email: Provider Portal Credentials
	3/08/2013	Call
Sago Networks, Inc.	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/25/2013	Call
TerraNova Net Internet Services	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/25/2013	Call
Tier 3 Communications	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	3/08/2013	Email: Data Request
US Metropolitan Telecom, LLC	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/22/2013	Call
	3/08/2013	Call
Velocity Online	1/15/2013	Email: Stay-in-Touch Outreach
	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/22/2013	Call
	3/08/2013	Call
XO Communications Services, Inc.	1/15/2013	Email: Stay-in-Touch Outreach

	1/25/2013	Email: Broadband Mapping Data Collection
	2/11/2013	Email: Provider Portal Training
	2/22/2013	Call
	3/08/2013	Call

Data Verification

Per the new contract agreement with BroadMap LLC., Florida has new verification elements that it will implement going forward. These elements include:

- Sourcing Quality Control (QC)
- Internal Data Consistency Check - Internal Model QC
- Carrier Confirmation - Provider Validation
- NTIA Model Consistency
- Public Review - Crowd Sourcing
- Anchor Institution Review
- Expert Review - Subject Matter Expert Review
- Submission Receipt
- Purchasing Datasets - 3rd Party Dataset Comparison
- Web Surveys - Web Scraping
- Confidence Value

Consumer feedback in the form of broadband inquiries via a web portal will also be collected. The Department is currently developing a Broadband Florida Initiative web portal that will include consumer feedback functionality. These inquiries will represent any type of communications received from the public regarding broadband service. The web portal will also include a speed test application that will collect data from consumers. The application will collect provider identification data which will aid in the identification of new and previously unknown providers as well as verification of known provider broadband availability.

Other Activities

- The Department recently obtained data sets on broadband infrastructure including fiber optic routes, fiber lit buildings, cell tower locations, wireline and wireless coverage maps, submarine cables, and wire centers from GeoTel Communications, LLC. It also includes an online mapping tool that can be used to validate data or provide data with much more granularity.
- It recently worked with the Department of Education on a school survey obtaining broadband information including subscribed bandwidth and speed tests by school location for over 3,000 schools in Florida.
- It recently provided data and maps to the Department of Education and the State Legislature regarding broadband service coverage and speed availability for all the public schools in Florida. It was also able to provide a list of schools that do not currently have sufficient infrastructure to provide projected capacity needs. The schools in Florida are undertaking an assessment of their broadband infrastructure and capacity to assist with the planning and future of digital learning. Broadband Florida contributed by identifying service coverage, verifying service coverage with USACs form 471 information, identifying infrastructure, and infrastructure needs.

Upcoming Mapping Activities

The Department is currently exploring ways in which to improve the accuracy and usability of the data collected through the program. Possible ideas include:

- Purchase of Wi-Fi hotspots to display on the Florida map.
- A state technology innovation challenge that would identify ways to utilize the data for different purposes and produce an application for mobile devices.
- Coordinate with Florida Virtual Schools to survey students that participate in distance learning programs.
- Coordinate with the Florida Local Government Information Systems Association to collect connectivity data from community anchor institutions.
- Purchase of Telogical data that provides speed and pricing data for all broadband providers in the state of Florida.
- Obtaining data using a screen scraper utility which directly obtains information from the USAC database and will also be providing a CAI survey to collect additional information.
- An iOS Integration Project to enable the Florida Broadband Map to be accessible to Apple Mobile devices.
- Purchase of the Mobile Pulse application which provides a suite of mobile performance measurement solutions focused on helping states to validate mobile wireless coverage and speeds for broadband mapping.