

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number NT10BIX5570105	3. DUNS Number 807477898
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4. Recipient Organization

Treasury, New Jersey Department of 125 W. State Street, Trenton, NJ 08608-1101

5. Current Reporting Period End Date (MM/DD/YYYY) 09-30-2015	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" type="radio"/> No
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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.

7a. Typed or Printed Name and Title of Certifying Official William Drew	7c. Telephone (area code, number and extension) 6097772650
	7d. Email Address William.Drew@oit.state.nj.us

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 12-03-2015
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Project Indicators (This Quarter)

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

In June, Cell on Wheels (COW's) installation were completed in Atlantic City and installation of COW's began in the Route 21 Corridor. Activities continued with Program Management, Technical Solutions, Site Locations, Security, Trailers, Disaster Recovery, Training, Network Operating Center (NOC) and Testing/Acceptance groups meetings. The Program Management team focused on schedule, risks and identification of critical path items. The Technical Solutions group focused on network topology and configuration requirements for InfoCop® and Mutualink®. Harris® vehicular routers and Sonim® handheld devices will be the predominant devices used in the network.

The Site Locations group continued with microwave site visits in the Route 21 and Camden region. Microwave connectivity required significant resource time to determine paths.

The Security working group focused on remote access for Oceus.

The Testing/Acceptance Working Group continued Special Operations Testing (SOT) planning. The extranet for the NOC was established with integration of the OnMission® station and NOC began.

The Training Working Group continued with course outline focused on technical training and trailer deployment. A successful NTIA site visit was held. The Federal Program Officer for NTIA spent two days in New Jersey touring sites and reviewing site documentation.

In August, the installation of Cell on Wheels (COW's) was completed in Camden and installation of trailers continued in the Route 21 Corridor. The Tahoe and Van were configured and tested.

All working groups continued focus on project objectives and action items. Meetings with Camden County officials recognized the need for continued discussion on user application constraints over the network. Harris vehicular routers required updated firmware. The trailer vendor focused on punch list items. With the deployment of trailers complete, the State has satisfied the grant requirements for implementation

The Training Working Group continued developing the course content focused on trailer deployment and operational training.

The Office of Information Technology continued to engage on implementation and the interface to the Garden State Network, and the security framework.

In August and September, the project team focused on the deployment of all trailers, Satellite failover, and the support of four major special events:

Atlantic City Air Show – where Atlantic City utilized the Band 14 network to stream video from cameras during the Air Show.

FirstNet State Consultation – A SOW, Van, and Tahoe were brought to Atlantic City to demonstrate voice, video and data connectivity over JerseyNet during the FirstNet State Consultation. Additionally, Sonim phones and Mutualink applications were demonstrated.

Miss America Pageant – JerseyNet network was utilized to stream video to public safety personnel.

Papal Visit – The papal visit was coordinated in partnership with the Pennsylvania State Police (PSP). Two trailer SOW's, utilizing microwave backhaul to the SOW in Camden were deployed along the Pope's parade route and provided voice, data and video for law enforcement and first aid stations. The Tahoe was deployed at the PSP headquarters and the van supported the Pope's mass at the prison.

The JerseyNet team continues ongoing outreach to the public safety community to engage the user community to inform them the networks capability, capacity and situational awareness components. The JerseyNet team has participated in several disaster preparedness drills over the past few months to demonstrate to our constituents the network and its offerings of LTE broadband capability. The biggest feedback we get from our demonstrations is "When can we get it because we need it now". The groundswell of persons wanting to come onto the network has been great and would prove to be a sustainable model when the State is built to capacity.

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	99	Actual Project expenditures
2b.	Environmental Assessment	100	The project team submitted the revised EHP Pre-Screening list to NTIA and was approved by the Environmental team. Project has current categorical exclusion.
2c.	Network Design	100	Final design review accepted Transport and IP design complete
2d.	Rights of Way	0	The approved project scope does not call for right of way
2e.	Construction Permits and Other Approvals	0	The project does not call for construction of new towers. permits required for the deployable are obtained by the prime contractor
2f.	Site Preparation	98	Sites in construction, microwave repeater sites in development for completion.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2g.	Equipment Procurement	98	Purchase orders have been written for all equipment. Due to vendor credits additional equipment purchases to enhance the network pending
2h.	Network Build (all components - owned, leased, IRU, etc)	99	Network build continues through September 30. Optimization work will continue until end of October timeframe
2i.	Equipment Deployment	98	Equipment deployment complete
2j.	Network Testing	85	Special Operations testing SOT in planning. Testing scheduled for next Quarter
2k.	Other (please specify): N/A	100	Based on the previously approved project scope in the Urban Area Security Initiative (UASI) region, site identification was completed in August 2013. Site identification for deployable assets in the Route 21 Corridor, Camden, and Atlantic City regions are complete. The LTE suspension, due to the passage of the Middle Class Tax Relief Act, delayed progress

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).

The completion of the security framework is ongoing. Microwave transport connectivity has hindered progress but the mitigation strategy has allowed connectivity to be achieved

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)
New network miles deployed	0	Network miles does not apply to this project
New network miles leased	0	Network miles does not apply to this project
Existing network miles upgraded	0	Network miles does not apply to this project
Existing network miles leased	0	Network miles does not apply to this project
Number of miles of new fiber (aerial or underground)	0	Network miles does not apply to this project
Number of new wireless links	0	Network miles does not apply to this project
Number of new towers	0	Network miles does not apply to this project
Number of new and/or upgraded interconnection points	0	Network miles does not apply to this project

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: Signed agreements do not apply to this project.

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:
None

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 this third party operates (600 words or less).
None

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	Signed agreements do not apply to this project
	Providers with signed agreements receiving improved access	0	Signed agreements do not apply to this project
	Providers with signed agreements receiving access to dark fiber	0	Signed agreements do not apply to this project
	Please identify the speed tiers that are available and the number of subscribers for each	0	Signed agreements do not apply to this project
Community Anchor Institutions (including Government institutions)	Total subscribers served	39	Signed agreements do not apply to this project
	Subscribers receiving new access	14	N/A
	Subscribers receiving improved access	25	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	0	N/A
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

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

7. Please describe any special offerings you may provide (600 words or less).
 The deployable assets will be available to other states through the use of the Emergency Management Assistance Compact (EMAC).

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
Atlantic City PD	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Atlantic City Fire	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Pleasantville PD	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Pleasantville Fire	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Absecon PD	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Absecon Fire	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Camden Metro PD	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Camden Co PD	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Camden Co Prosecutors	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Camden Co Dept. of Corrections	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Borgata	Atlantic City	Other Community Support Organizations	NO	Application testing, video sharing (this location will not be served with broadband connectivity)
Voorhees PD	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
DRPA	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing

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
NJ State Police	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Atlantic City SWAT	Atlantic City	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Mt Ephraim Police Department	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
NJ Transit	Camden	Public Safety Entity	NO	Interoperability between public safety entities, application testing, video sharing
Lyndhurst Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Montclair University	Rt. 21	Institutions of Higher Education	NO	Interoperability between public safety entities, Infocop testing
Paterson Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Clifton PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Garfield PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Wallington PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Bellville Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Bellville PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
North Arlington PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Nutley Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Nutley PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
NJ Dept. of Transportation	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Newark Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Newark PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Bergen Fire	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
Bergen PD	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities
Morris County Public Safety Training Academy	Rt. 21	Public Safety Entity	NO	Interoperability between public safety entities, web searching
NJ EMS	Camden	Government Agency	NO	In Interoperability between public safety entities, application testing, video sharing
NJ Dept. of Health	Camden	Government Agency	NO	In Interoperability between public safety entities, application testing, video sharing
NJIT	Rt.21	Institutions of Higher Education	NO	Application testing

NJ Office of Homeland Security	Statewide	Government Agency	NO	In Interoperability between public safety entities, application testing, video sharing
NJ Office of Information Techlology	Statewide	Government Agency	NO	Application testing

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
 By the end of October 2015, Optimization will be completed. Selected applications will be integrated and tested. Fiber microwave and Satellite transport will be capable of passing data. Training classes will be conducted on deployable set up, start up and utilization. Device roll out and user education classes will continue to train public safety personnel on the network and its capabilities.

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	99	See narrative above.
2b.	Environmental Assessment	100	The project has a categorical exclusion
2c.	Network Design	100	The network design elements for transport and IP will be complete
2d.	Rights of Way	0	The approved project scope does not call for right of way requirements.
2e.	Construction Permits and Other Approvals	0	No permits required
2f.	Site Preparation	99	N/A
2g.	Equipment Procurement	100	The balance of equipment will have been procured.
2h.	Network Build (all components - owned, leased, IRU, etc.)	99	N/A
2i.	Equipment Deployment	99	N/A
2j.	Network Testing	100	Only Acceptance Testing will remain.
2k.	Other (please specify): N/A	100	Based on the previously approved project scope in the Urban Area Security Initiative (UASI) region, site identification was completed in August 2013 and the initial coverage design was completed in September 2013. Site identification for deployable assets in the Route 21 Corridor, Camden, and Atlantic City have begun and reflected in Site Preparation (2f). The LTE suspension, due to passage of the Middle Class Tax Relief Act, delayed progress.

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

