

U.S. Department of Commerce			2. Award or Grant Number 24-10-S13024			
Performance Progress Report			4. EIN 526002033			
1. Recipient Name State of Maryland Department of Information Technology (DoIT)			6. Report Date (MM/DD/YYYY) 04.30.14			
3. Street Address 45 Calvert Street			7. Reporting Period End Date: 03.30.14			
5. City, State, Zip Code Annapolis, MD 21401			8. Final Report <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		9. Report Frequency <input checked="" type="checkbox"/> Quarterly	
10a. Project/Grant Period Start Date: 08/01/13	10b. End Date: 7/31/16					
11. List the individual projects in your approved Project Plan						
	Project Type (Capacity Building, SCIP Update, Outreach, Training etc.)	Project Deliverable Quantity (Number & Indicator Description)	Total Federal Funding Amount	Total Federal Funding Amount expended at the end of this reporting period	Percent of Total Federal Funding Amount expended	
1	Stakeholder Meetings	41				
2	Broadband Conferences	65 people				
3	Staff Hires	0				
4	Contract Executions	0				
5	Governance Meetings	1				
6	Education and Outreach Materials	5 presentations given				
7	Phase II Activities	N/A				

11a. Describe your progress meeting each major activity/milestone approved in the Baseline Report for this project; any challenges or obstacles encountered and mitigation strategies you have employed; planned major activities for the next quarter; and any additional project milestones or information.

Milestone activities:

During the months of January, February and March, the State Broadband team was involved in many aspects of moving forward on the major activities/milestones listed in the Baseline Report.

1. The work that the Maryland team is doing for the planning for the NPSBN is now being tracked as part of the Governor's StateStat program. StateStat is a performance-measurement and management tool implemented by Governor O'Malley to make State government more accountable and more efficient. At the monthly StateStat State Public Safety Technology meetings, the SWIC and Broadband Outreach Coordinator update the StateStat Director, the Governor's Homeland Security Advisor, the Governor's Legal Counsel, and other high-ranking administration officials on the outreach and education efforts and the measurable statistics for the NPSBN planning. We gave presentations at the January, February, and March meetings. Inclusion in these meetings ensures that the Governor is thoroughly briefed every month on the planning efforts to bring FirstNet to Maryland. Speaking at these meetings also allows the State's other Public Safety Technology Program Managers to hear about the FirstNet plans and to draw connections and parallels with their own programs. In fact, two good contacts for our apps development program at Bowie State University were formed as a result of suggestions from two Program Managers at the January meeting: Mindgrub, a Baltimore-based company that focuses on Mobile Application Development, Web Development and Social Media; and the NAPSG Foundation, a Washington, DC-based non-profit organization that works to advance the effective use of public safety GIS for the purpose of enhancing the ability to protect citizens from natural and man-made emergencies. The Broadband Coordinator contacted both organizations to gauge interest in participating in the apps program.
2. At the February StateStat, the Governor's Office of Homeland Security asked the Broadband Outreach Coordinator to coordinate a series of Regional Forums showcasing the State's Public Safety Technology programs. The idea behind the Forums was that these technologies, including CAD/RMS, CCTV, and GIS platforms, would someday run on the NPSBN. The Forums were scheduled in April in three jurisdictions across the State to serve a wide range of geographically diverse attendees. We invited Law Enforcement and Fire/EMS Chiefs and Decision makers, 9-1-1 and Communication Center Directors, Public Safety Communications and IT Professionals, Chief Information Officers (CIOs), Chief Technology Officers (CTOs), and Geographic Information System Managers. A website was set up to house the presentations and handouts. Invitations, online registration and descriptions, and agendas for each of the forums were developed. Much work was done in February and March by the Broadband Coordinator to ensure the Forums were organized and ran smoothly.

3. During the January and March meetings of the Practitioner Steering Committee, the work group that advises the Statewide Interoperability Executive Committee on all matters related to interoperability around the State, the SWIC and Broadband Outreach Coordinator gave a presentation and updates on the progress of FirstNet and SLIGP. The January meeting was attended by 23 people and the March meeting was attended by 18 people from State and local public safety, emergency management, and information technology agencies.
4. In January, the SWIC and the Broadband Outreach Coordinator worked with the MACINAC members to plan for and host the first Mid-Atlantic Consortium for Interoperable Advanced Communications (MACINAC) Public Safety Broadband Workshop. Sixty-five people from six states and a variety of disciplines including law enforcement, fire/EMS, communications, and transportation attended the two-day workshop on January 15-16, 2014 in Rehoboth Beach, DE. Speakers included: Ed Parkinson from FirstNet; Governor Jack Markell of Delaware; Mike Dame from NTIA; the SWICs from each of the States; Trey Forgety from NENA; Ross Merlin and Jeff Lee from DHS OEC; Ken Miller from MD DoIT and Dr. Michael Scott from Salisbury University on Maryland's Broadband Mapping Program; Ken Boley on MACINAC's RFI response; Brett Kilbourne from the Utilities Telecom Council; and Mark Reddish from APCO. MACINAC is a regional multi-state initiative to assist the First Responder Network Authority (FirstNet) to plan, build, and operate the NPSBN in the Mid-Atlantic region. The MACINAC Broadband Workshop served as a forum to allow state, local, and regional stakeholders and policymakers, as well as federal representatives, to come together to discuss the future of public safety broadband. We also set up a website for MACINAC with additional information and resources from the workshop. Another workshop is planned for in the July timeframe.
5. The Broadband Outreach Coordinator and the SWIC continue to work with the Education Innovation Initiative at Bowie State University as computer science and engineering students develop applications for First Responders to use on the Network. Prince George's County public safety officials, along with corporate partners Lockheed Martin, Motorola, Verizon, and APCO are all involved with the project. The students are working with Verizon's donated 4G broadband network on the Bowie campus. We worked with Motorola to have them provide four beta FirstNet handheld devices that the students are now using to test, develop, and build new applications for public safety. Continuing our meetings with County Public Safety professionals, on January 12, we met with 14 members of the Prince George's Police Department, including Officers, Detectives, SWAT Team members, Aviation Unit, and the Crime Lab. The SWIC gave a presentation of FirstNet and what it means for public safety, and the Officers talked about what apps they would like to have and we brainstormed about how the NPSBN could help them do their job more safely. In our weekly project status calls as we discussed how to move the project forward we decided it would be best to have a scenario-based situation for the students to base their develop app development. We worked with the Assistant Fire Chief of Prince George's County to choose an event from February 2011, one of the busiest days in Department history. On March 4, Chief

Gomez walked the students through the operational period, describing the many wind-driven fires and showing pictures and data captured from each scene. He talked about how situational and data-sharing apps would have helped the leadership that day and in the days after. The students have taken that information provided and are now working to develop apps to help improve situational and data-sharing in the Fire Department. The students also analyzed and evaluated each of the more than 160 Public Safety apps located on APCO's APPCOMM site, so that in case apps exist already that would be helpful to the County First Responders, they could reference them. The Broadband Outreach Coordinator also set up meetings in April with the students with leaders from Mindgrub, NAPSG, and the training manager for Prince George's County for an in-depth discussion of WebEOC.

6. With the DoIT Information Technology and GIS team we continue to evaluate several broadband websites that the State currently deploys in order to develop one "portal" that will serve as the gateway to all things Broadband and FirstNet in the State. We plan to bring on a contractor in the next few months to develop a NPSN-focused website and online presence. In the meantime we continue to update and revise our Google website so that stakeholders in the State can track progress and stay updated on the development of FirstNet as well as what the State team is doing. Our Broadband Team also developed a Statewide Outreach and Education Plan for FirstNet and a Social Media Policy. We worked closely with our State Director of Digital Engagement to ensure we follow State social media guidelines in developing the Social Media policy. We now have a robust presence online via Twitter, Facebook, and LinkedIn. The Broadband Team also developed a presentation to be given to stakeholders as an overview of FirstNet and what we're doing in Maryland to get ready for consultation. In late March, the Broadband Team traveled to FirstNet's office in DC and gave the presentation to the Director of Outreach and the State's NTIA Program Manager and received valuable feedback.
7. The Broadband Team also drafted the State's reply to the FCC's NPRM re: Acceleration of Broadband Deployment by Improving Wireless Facilities Siting Policies, FCC 13-238. This is in regards to the 2012 creation of the "First Responder Network Authority" (FirstNet) which will oversee the planning and deployment of the NPSBN. The statute that created FirstNet (<http://www.ntia.doc.gov/category/public-safety>) includes section 6409(A), which says in pertinent part that "a State or local government may not deny, and shall approve, any eligible facilities request [defined generally as collocating new equipment with existing facilities or replacing existing equipment with new] for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station." The intent of this provision was to make it easier for commercial providers and FirstNet to build cellular networks without state and local regulators extracting unreasonable concessions in order to permit access to an existing tower. In our comments we noted that we believe that there is a significant distinction between state and local governments' interest as a regulator and their interest as owners of towers and base stations, and that the duty Maryland owes public safety as a tower and base station owner is very different from the one it owes its citizens as a regulator. The draft was reviewed and approved by the SWIC, the Statewide 700MHZ Technical Advisor, and DoIT's CIO,

Network Director, and Assistant Attorney General. The Broadband Team monitored the other responses as well as the replies to comments and, in conjunction with the above-named, decided that no further response from the State was needed.

8. In the last week of February, the SWIC, Broadband Outreach Coordinator, and two members of the Broadband Tem attended the SLIGP Conference in Atlanta. The SWIC participated in the Recipient Panel. On February 27, the SWIC and Broadband Outreach Coordinator chaired the SIEC meeting where the Broadband Outreach Coordinator gave an update on FirstNet and reviewed what they had learned at the Conference.
9. In early March the SWIC and Broadband Outreach Coordinator toured Hughes Communications, a Maryland-based business that is a provider of satellite, broadband, and terrestrial network solutions to major enterprise customers around the world. We learned about how Hughes's satellite technologies could work with FirstNet's deployment strategies.
10. In early March we also received approval of our budget modification submitted in January and our Match Proportionality Waiver Request submitted in December.
11. In mid-February we also brought on a project administrator/grants coordinator through an amendment to our MOU with the University of Maryland Center for Homeland Security.

11b. If the project team anticipates requesting any changes to the approved Baseline Report in the next quarter, describe those below. Note that any substantive changes to the Baseline Report must be approved by the Department of Commerce before implementation.

We plan to submit a budget modification to move a planned State position of the Grants Coordinator to a Contractor position, as well as modify the match contribution from the DoIT AAG's position to encompass several other positions at DoIT that was working on this project.

11c. Provide any other information that would be useful to NTIA as it assesses this project's progress.

11d. Describe any success stories or best practices you have identified. Please be as specific as possible.

12. Personnel

12a. If the project is not fully staffed, describe how any lack of staffing may impact the project’s time line and when the project will be fully staffed.

We continue to work on staffing the project as projected in the Baseline/Expenditure plan. The FTE staff (SWIC and DoIT AAG) started working on the SLIGP in the first quarter.

12b. Staffing Table

Job Title	FTE %	Project(s) Assigned	Change
SWIC	10%. Increased to 25% on 3.10.14	Serve as State Single Point of Contact and responsible for oversight of all SLIGP work	25% on 3.10.14
DoIT AAG	.025%	Serve as Legal Authority for State to enter into agreements and MOUs with vendors and contractors	none

13. Subcontracts (Vendors and/or Subrecipients)

13a. Subcontracts Table – Include all subcontractors. The totals from this table must equal the “Subcontracts Total” in Question 14f.

Name	Subcontract Purpose	Type (Vendor/Sub rec.)	RFP/R FQ Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Total Federal Funds Allocated	Total Matching Funds Allocated	Project and % Assigned
University of Maryland	Broadband Outreach Administrator	Contractor	N	Y	8.1.13	7.31.16	\$480,000	\$0	N/A

TBD	Broadband SME	Contractor	N	N	TBD	7.31.16	\$208,000	\$0	N/A
University of Maryland	Regional Coordinator Team for 4 interop regions	Contractor	N	Y	2.1.14	7.31.16	\$429,000	\$0	N/A
Allegany County	Regional Coordinator for one region	Contractor	N	N	4.1.14	7.31.16	\$100,000	\$0	
TBD	Website Developer	Contractor	N	N	12.1.13	7.31.16	\$345,000	\$0	N/A
Motorola	Site Surveys	Vendor	Y	Y	Phase II - TBD	7.31.16	\$0	\$436,000	N/A


13b. Describe any challenges encountered with vendors and/or subrecipients.

None at this time.

14. Budget Worksheet

Columns 2, 3 and 4 must match your current project budget for the entire award, which is the SF-424A on file. Only list matching funds that the Department of Commerce has already approved.

Project Budget Element (1)	Federal Funds Awarded (2)	Approved Matching Funds (3)	Total Budget (4)	Federal Funds Expended (5)	Approved Matching Funds Expended (6)	Total Funds Expended (7)
a. Personnel Salaries	\$257,811	\$47,910.00	\$305,721	0	\$6,814	\$6,814
b. Personnel Fringe Benefits	\$72,187	\$13,230.00	\$85,417	0	\$477	\$477
c. Travel	\$113,862	0	\$113,862	\$7,073	0	\$7,073
d. Equipment	0	0	0	0	0	0

e. Materials/Supplies	\$3,901	0	\$3,901	0	0	0
f. Subcontracts Total	\$1,462,000	\$436,000	\$1,898,000	\$68,021	0	\$68,021
g. Other	\$75,600	0	\$75,600	0	0	0
h. Total Costs	\$1,985,361	\$497,140	\$2,482,501	\$75,094	\$7,291	\$82,385
i. % of Total	80%	20%	100%	89%	11%	100%
15. 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(s) set forth in the award documents.						
16a. Typed or printed name and title of Authorized Certifying Official Ray Lehr, State Interoperability Director				16c. Telephone (area code, number, and extension) 410-533-4610		
				16d. Email Address Ray.lehr@maryland.gov		
16b. Signature of Authorized Certifying Official 				16e. Date Report Submitted (month, day, year) 4.25.14		

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a currently valid OMB control number. Public reporting burden for this collection of information is estimated to average 10 hours per response for the application process, 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 Michael Dame, Director, State and Local Implementation Grant Program, Office of Public Safety Communications, National Telecommunications and Information Administration, U.S. Department of Commerce (DOC), 1401 Constitution Avenue, N.W., HCHB, Room 7324, Washington, D.C. 20230.