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)** 07.30.14	
3. Street Address 45 Calvert Street	**7. Reporting Period End Date:** 06.30.14	
5. City, State, Zip Code Annapolis, MD 21401	**8. Final Report** □ Yes x No	**9. Report Frequency** x 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	190 people			
2	Broadband Conferences	1			
3	Staff Hires	0			
4	Contract Executions	0			
5	Governance Meetings	0			
6	Education and Outreach Materials	500			
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 April, May and June, the State Broadband team was involved in many aspects of moving forward on the major activities/milestones listed in the Baseline Report.

1. The Maryland Broadband team continues to attend the Governor's monthly StateStat meetings to report on progress. 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 on our progress at the April and June meetings. In addition, for the June meeting, we hosted three students from the apps development program at Bowie State University and helped them give a presentation on their work. We also worked closely with the students for their exhibit at APCO's Broadband Summit in Washington, DC on May 5-6.

2. The Broadband Outreach Coordinator organized 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 held April 9, 15 and 16 in three jurisdictions across the State to serve a wide range of geographically diverse attendees. Approximately 150 people attended, included 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. Invitations, online registration and descriptions, and agendas for each of the forums were developed. A website was set up to house the presentations and handouts and list a contact program manager for each. The website was posted and is currently linked to every relevant State agency web site.

3. During the May and June 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 May meeting was attended by 19 people and the June meeting was attended by 21 people from State and local public safety, emergency management, and information technology agencies.
   a. Additional Presentations/Conferences/Exhibits:

    i.   APCO Broadband Summit (Ray Lehr gave presentation on how we developed partnership with BSU) Estimated attendance: 125

   ii.   MD Sheriffs Association Briefing (Lori Stone gave presentation on First Net) Estimated attendance: 27

  iii.

  iv.   MD Chiefs of Police Association Briefing (Lori Stone gave presentation on First Net) Estimated attendance: 23

   v.

  vi.   Exhibit Hall Display and Table at Maryland Emergency Management Association Summer Conference (Team): Estimated attendance: 250

 vii.   Central Maryland Area Radio Communications Briefing (Ben Yelin gave presentation on First Net) Estimated attendance: 22

viii.   Maryland State Fireman's Association Summer Conference (Ray Lehr gave presentation on First Net at main conference) Estimated attendance: 213

  ix.   FirstNet panel at AGL Conference (Lori Stone participated on panel as State representative) Estimated attendance: 105

   x.   Montgomery County Public Safety Steering Committee (Lori Stone gave presentation on First Net) Estimated attendance: 23

4. 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, and Motorola provided four beta FirstNet handheld devices to test, develop, and build new applications for public safety. Five students worked on application development and five worked on Cloud Development and Services. The Cloud Team obtained NetApp Certified Storage Associate Certification and created and deployed an Infrastructure as a Service (Iaas) cloud environment on campus. The App team held a series of meetings with public safety to develop a rubric to help aid in the development of needed apps and developed a static prototype of a GIS based application for public safety professionals. 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 (a mobile apps development company), NAPSG (National Association of Public Safety GIS), and the training manager for Prince George's County for an in-depth discussion of WebEOC.

5. DoIT has signed a Task Order with Salisbury State University's Eastern Shore Regional GIS Cooperative (under a currently existing MOU) to create a web site for our FirstNet project that is password-protected and highly secure for sensitive data and to provide technical, analytical, and consulting services, and in Phase 2, to collect, create, and map State broadband assets. A kick-off call was held on June 30.

6. The team established a website, which has become a national depository for key FirstNet resources, including our presentations and materials. The website has had more than 1,500 page views since its inception in April. https://mdinterop-public.sharepoint.com/ On May 9, the team, along with the Texas team, gave its outreach presentation to SPOCs around the country.

7. The team has a strong social media presence. Our Twitter account (@MDInterop) has nearly 200 followers and is updated daily. During the week of June 26 (the most recent week data was available) the page had more than 1,500 views. We also have a Facebook page and LinkedIn account. We also developed and distributed a newsletter about our work to our stakeholders.

8. In May the SWIC and Broadband Outreach Coordinator toured Lockheed Martin's Next Generation Cyber Innovation and Technology Center, a Maryland-based business that provides research, design, development, manufacture and integration of advanced technology systems, products and services. We learned about how some of LM's research technologies could work with FirstNet's deployment strategies.

9. We completed the items on the Consultation Checklist and uploaded them to a Google site for easy access. We held our pre-consultation call on May 8 with the FirstNet team.

10. A member of the Maryland Broadband Team attended the June 2014 Public Safety Broadband Stakeholder Conference held by the Public Safety Communications Research (PSCR) program.

11. We are developing a communications plan, business justification case, and risk management plan for the project..

   Planned for Next Quarter:
   1. Initial Consultation
   2. Planning for MACINAC fall conference
   3. Issuing RFP to bring on Broadband Technical Expert

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.

No changes planned.

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.

12b. Staffing Table

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

Add Row   Remove Row

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/RFQ 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	
Salisbury State University	Website Developer and GIS	Contractor	N	Y (Task Order MOU)	6.5.14	7.31.16	$330,000	$0	N/A
Motorola	Site Surveys	Vendor	Y	Y	Phase II - TBD	7.31.16	$0	$436,000	N/A

Add Row   Remove Row

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.

*Please note that these reported figures for federal funds expended and approved matching funds expended are now cumulative. Previous figures reported in these columns in PPRs for Q1-Q3 were reported as quarterly.

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	$0	$108,660	$108,660	0	$20,386	$20,386
b. Personnel Fringe Benefits	$0	$30,240	$30,240	0	$2,804	$2,804
c. Travel	$149,082	0	$149,082	$8,851	0	$8,851
d. Equipment	0	0	0	0	0	0
e. Materials/Supplies	$13,694	0	$13,694	0	0	0
f. Subcontracts Total	$1,731,835	$358,240	$2,090,075	$67,338	0	$67,338
g. Other	$90,750	0	$90,750	$0	0	$0
h. Total Costs	$1,985,361	$497,140	$2,482,501	$76,189	$23,190	$99,379
i. % of Total	80%	20%	100%	90%	10%	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	16c. Telephone (area code, number, and extension)
Ray Lehr, State Interoperability Director and FirstNet Single Point of Contact	410-533-4610
	16d. Email Address

	Ray.lehr@maryland.gov
16b. Signature of Authorized Certifying Official	**16e. Date Report Submitted (month, day, year)**
Ray Lehr	10.15.15

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