

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 NT10BIX5570135	3. DUNS Number 961890741
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4. Recipient Organization

Information Technology, Maryland Department of 45 Calvert Street, Annapolis, MD 21401-1994

5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2013	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 Gregory Urban Deputy State CIO	7c. Telephone (area code, number and extension) 4102607279
	7d. Email Address gregory.urban@doit.state.md.us

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-22-2013
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Project Indicators (This Quarter)

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

The project is entering the final project quarter.

Of the planned 1339 route miles, 100% of the miles have been awarded, engineered, and permitted by various permitting agencies. Aerial attachment agreements have been executed with 9 different utility pole owners throughout the state. Make ready work has been completed on 314 miles of the 318 mile planned aerial route. Of that total, 307 miles have been completed and installed with fiber, representing 97% of the total planned aerial miles.

Of the total 1022 planned underground miles, 986 miles of conduit have been installed or 96% of the total underground mileage. Of that total, 971 miles of fiber have been installed, representing 95% of our total underground mileage.

Overall, 1278 miles of fiber have been deployed out of the planned 1339 route miles, or 95% of the total. Additionally 907 Community Anchor Institutions (CAIs) sites or 83% have been connected out of 1087 CAIs (cumulative).

Of the 23 state counties, construction has been completed in 5: Caroline Co, Calvert Co, Charles Co., Howard Co, and Garrett Co.

Construction is over 95% complete in the remaining 18 counties and 1 City: Anne Arundel Co, Allegany Co, Baltimore Co, Baltimore City, Carroll Co, Cecil Co, Fredrick Co, Dorchester Co, Harford Co, Kent Co, Montgomery Co, Prince George's Co, Queen Anne's Co, Saint Mary's Co, Talbot Co, Washington Co, Wicomico Co, and Worcester Co.

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	92	\$145,047,472 is being reported, Please see details below for explanation.
2b.	Environmental Assessment	100	Milestone Completed.
2c.	Network Design	95	Network logical designs are being completed in conjunction with construction.
2d.	Rights of Way	99	We expect all permits will be received next quarter.
2e.	Construction Permits and Other Approvals	99	We expect all permits will be received next quarter.
2f.	Site Preparation	100	Milestone Completed.
2g.	Equipment Procurement	100	Milestone Completed.
2h.	Network Build (all components - owned, leased, IRU, etc)	97	Five Jurisdictions have been completed. Construction is at its final stage in the remaining 19 Jurisdictions.
2i.	Equipment Deployment	76	We expect final deployments of the remaining equipment during the next quarter. In the next quarter we will complete Equipment Deployment.
2j.	Network Testing	88	Significant resources are now deployed on both fiber and network testing. In the next quarter we will complete Network Testing.
2k.	Other (please specify): Administration	94	We are on target with this milestone.

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).

As the fiber construction nears completion, we saw tremendous progress in in the rate of CAI connections. Construction tasks related to final site connectivity and activation, such as fiber termination, fiber splicing, and equipment connectivity were and will continue to represent the bulk of our efforts through the end of the grant project.

Our key challenge was maintaining momentum in the face of delays due to necessary EA change requests. Progress towards certain network connectivity tasks associated with the most recent Environmental Assessment Amendment were delayed while change

request documentation was prepared and approvals received.

We mitigated resulting delays to some degree by deploying splicing crews to locations where both backbone and laterals were already completed and previously approved. Due to the geographic dispersion of the required changes, it was impossible to completely contain the delays to discrete areas, and as a result, some delays were caused to construction progress for previously approved project scope. Consequently, construction work will continue into the last month of the grant award period.

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	1,278	Planned was 1294
New network miles leased	0	N/A
Existing network miles upgraded	254	This mileage represents the MdBC & DoIT in kind fiber contribution to the project.
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	1,278	Planned was 1294
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	50	Planned was 59

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	12
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	56
Average term of signed agreements (in quarters)	24

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
Agreements have been signed with the following last mile providers:

ISPs (6 circuits): AboveNet (3 circuits), Atlantic Broadband, Bay Country Communications, FiberLight
Utilities (2 circuits): Easton Utilities (2 circuits)
Cooperatives (3 circuits): Eastern Shore of Virginia Broadband (3 circuit)
Broadstripe (1 circuit): Agreement for dark fiber signed with Anne Arundel County to provide last mile services to approximately 600 unserved residences

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:

N/A

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).

N/A

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	N/A
	Providers with signed agreements receiving improved access	11	Currently we have signed 11 agreements with wholesalers receiving improved access. At least 56 agreement are being negotiated with broadband wholesalers or last mile providers.
	Providers with signed agreements receiving access to dark fiber	1	Planned was 4. Currently we have signed 1 agreement with wholesalers receiving dark fiber. At least 1 agreement is being negotiated.
	Please identify the speed tiers that are available and the number of subscribers for each	12	We can offer services between 10Mgpps and 40Gbps, of the 12 signed agreement(s) the speed tiers are as follows: 10= 1G 2= 10G
Community Anchor Institutions (including Government institutions)	Total subscribers served	907	Planned was 1006. We expect to be on target next quarter.
	Subscribers receiving new access	907	Planned was 1006. We expect to be on target next quarter.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	2	906- CAIs at 1GB 1- CAI at 100 Mbps
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
	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).

N/A

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
Community College, Baltimore County (Catonsville)	Baltimore County	Community College	No	1GB of high-speed Internet access will improve educational instruction
HCC Charles I. Ecker Business Training Center	Howard County	Community College	No	1GB of high-speed Internet access will improve educational instruction
Holabird Middle School	Baltimore County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Fairmont Heights Library	Prince George's County	Library	No	1GB of high-speed Internet access will improve educational instruction
Hill Crest Heights Branch Library	Prince George's County	Library	No	1GB of high-speed Internet access will improve educational instruction
New Carrollton Branch Library	Prince George's County	Library	No	1GB of high-speed Internet access will improve educational instruction
Hyattsville Branch Library	Prince George's County	Library	No	1GB of high-speed Internet access will improve educational instruction
Medical or Healthcare Provider	Howard County	Medical or Healthcare Provider	No	1GB of high-speed Internet access will improve safety coordination
Brooklyn Park Senior Center	Anne Arundel County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Robinson Nature Conservatory	Howard County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
ARCOLA TOWERS	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Camp Hill Square	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
EMORY GROVE VILLAGE	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
FOREST OAK TOWERS	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Georgian Court Apartments	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications

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
Manchester Manor	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Metropointe	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
PADDINGTON SQUARE APARTMENTS	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
TANGLEWOOD APARTMENTS	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
The Willows Apartments	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
TOWNE CENTRE PLACE	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
WAVERLY HOUSE	Montgomery County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
The Stanton Center	City of Annapolis	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Florence Bain Senior Center	Howard County	Other Community Support Organization	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
North County Recreation Center	Anne Arundel County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Court House Annex	Carroll County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Radio Maintenance Facility (SHA)	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Annapolis Water Treatment Plant	City of Annapolis	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Dorsey (Bendix) Building	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Howard County Detention Center	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Centennial Park HQ (rec and parks)	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications

Mayfield Highways Shop	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Rockburn Rec and Parks	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Ligon Gov. Building	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
George Howard Building	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
District Court	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
County Circuit Court	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Edmonston City Hall	Prince George's County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
UMBC Training Building	Howard County	Other Institution of Higher Education	No	1GB of high-speed Internet access will improve educational instruction
E-124 T-20	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-21 M-11	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-27 T-26	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-29 M-17	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-30 T-8 M-12	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-31 M-3	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-35 T-21 M-9 BC-6 Hazmat-1	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-4 T-29	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-40 T-12 BC-5	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-43 M-18, BC-4	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-44 T-25	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-45 T-27 M-14	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-5 T-3 M-10	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
E-6 T-1 M-7 BC-2 AF-2 Sh.Cmd	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
EOC1	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
EOC2	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
T-15	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination

T-6	Baltimore City	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Murray Hill Middle School	Howard County	School (k-12)	No	GB of high-speed Internet access will improve educational instruction
New Savage Volunteer Fire Station	Howard County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Savage Fire Station	Howard County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Annapolis PD	City of Annapolis	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Patterson Mill Fire Station	Harford County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Warfield Police Station	Howard County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
District Heights Police Dept.	Prince George's County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Glenarden Police Station	Prince George's County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Prince George's Emergency Management Center	Prince George's County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Linton Springs ES	Carroll County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Applications Research Lab	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Atholton Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Atholton High School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Bollman Bridge Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Burleigh Manor Middle School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Clemens Crossing Elementary	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Forest Ridge Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Gorman Crossing Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Hammond Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Hammond High School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Hammond Middle School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Harriet Tubman Building	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Homewood	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Laurel Woods Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Rolling Terrace ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Old Cedar Lane	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction

Patuxent Valley Middle School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Ashburton ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Pine Crest ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Brooke Grove ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Brown Station ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Cannon Road ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Cloverly ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Cresthaven ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Diamond ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
East Silver Spring ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Flower Hill ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Forest Knolls ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Glen Haven ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Glenallan ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Greencastle ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Oakland Terrace ES	Montgomery County	Montgomery County	No	1GB of high-speed Internet access will improve educational instruction
Highland ES	Montgomery County	Montgomery County	No	1GB of high-speed Internet access will improve educational instruction
Highland View ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Jackson Road ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Kemp Mill ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Kensington Parkwood E	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Mill Creek Towne ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Montgomery Knolls ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
New Hampshire Estates	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
North East High School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
North East Middle School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
North East Elementary	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Rosemary Hills ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction

Somerset ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Stonegate ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Strathmore ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Strawberry Knoll ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Travilah ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Twinbrook ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Westover ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
William B. Gibbs, Jr.	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Wood Acres ES	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Concord Central Records	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Olney Elementary School	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Stephen Knolls School	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Woodlin Elementary School	Montgomery County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Millersville Elementary	Anne Arundel County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
J Albert Adams Acadamey	Anne Arundel County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Centennial Lane Elementary School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Centennial High School	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
HoCo PSS HQ	Howard County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Potomac High School	Prince George's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Andrew Jackson Middle School	Prince George's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Drew-Freeman Middle School	Prince George's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Kenmoor Middle Shool	Prince George's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Fairlead Academy	Wicomico County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Wicomico County Public Schools	Wicomico County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Pittsville Elementary & Middle School	Wicomico County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Rising Sun High School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction

Perryville Elementary	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Perryville High School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Perryville Middle School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Bainbridge Elementary	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Calvert Elementary School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Rising Sun Elementary	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Rising Sun Middle School	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Southern Middle School	Garrett County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Mardela Middle & High School	Wicomico County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Pinehurst Elementary	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Worcester County	Cecil County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Carney Elementary School	Baltimore County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
General John Stricker Middle School	Baltimore County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Ridge Elementary	St. Mary's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Kennard Elementary School	Queen Anne's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Kent Island High School	Queen Anne's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Matapeake Elementary School	Queen Anne's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Matapeake Middle School	Queen Anne's County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Pinehurst Elementary	Frederick County	School (k-12)	No	1GB of high-speed Internet access will improve educational instruction
Point of Rocks Station	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve educational instruction
Frederick City Police at Court St	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve educational instruction
Frederick City Police at City Hall	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve educational instruction
District Court	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve educational instruction
Frederick City Police at Court St Deck	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve educational instruction
Isle of Wight Center	Frederick County	Other Government Facility	No	1GB of high-speed Internet access will improve educational instruction
Graceham Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination

Lewistown Dist Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Walkersville Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Walkersville Volunteer Rescue Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Highway Satellite - Johnsville	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Highway Satellite-Jefferson	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Highway Satellite-Myersville	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
#07 Middletown Volunteer Fire Station	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
#23 Urban Volunteer Fire/ Rescue	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
New Midway Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Wolfsville Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Highway Satellite - Thurmont	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Adult Detention Center Work Release Center	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Libertytown Volunteer Fire Co.	Frederick County	Public Safety Entity	No	1GB of high-speed Internet access will improve safety coordination
Rosehill Manor Park	Frederick County	Other Government Facilities	No	1GB of high-speed Internet access will improve safety coordination
Rosehill Manor Park Mtce Shop	Frederick County	Other Government Facilities	No	1GB of high-speed Internet access will improve safety coordination
Citizens Service	Frederick County	Other Government Facilities	No	1GB of high-speed Internet access will improve safety coordination
Leonardtown Govt Center	St. Mary's County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Deer Park Town Hall	Garrett County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Garrett County Roads Department Bldg	Garrett County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Garrett County Community Action Center	Garrett County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Frostburg Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
South Cumberland Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
Southern Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
Fairview Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
County Warehouse	Frederick County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications

Frederick County Department of Solid Waste	Frederick County	Other Government Facilities	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Lavale Library	Allegany County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
George's Creek Library	Allegany County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
South Penn Elementary	Allegany County	Schools (K-12)	No	1GB of high-speed Internet access will improve educational instruction
Carriage House	Cecil County	Other Institution of Higher Education	No	1GB of high-speed Internet access will improve educational instruction
State Multi-Service Center	Cecil County	Other Government Facilities	No	1GB of high-speed Internet access will improve educational instruction
Howard County Rec and Parks	Howard County	Other Government Facility	No	1GB of high-speed Internet access will improve intergovernmental and intergovernmental communications
Prince Frederick Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
Mt. Airy Library	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction
NEW Public Library Headquarters	Calvert County	Libraries	No	1GB of high-speed Internet access will improve educational instruction

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

The following are our projected indicators for the next and final reporting quarter.

• Aerial Utility permitting:

100% of aerial make ready payments will have been made to the utility companies which includes; Baltimore Gas and Electric (BGE), Verizon, Potomac Edison, Delmarva Power, PEPCO, Hagerstown Light, Berlin Electric, and Choptank Electric.

• Environmental:

We will have received all required permits from the US Army Corps of Engineers (USACE) and Maryland Department of Environment (MDE) for tidal and non-tidal wetlands crossings (100%).

• Rail Road Crossings:

We will have executed licensing agreements with all railroad companies; CSX, Maryland & Delaware Rail Road, Maryland Midland Rail Ways, Bay Coast Rail Road, Amtrak, George's Creek, and Metropolitan Transit Authority (MTA), Norfolk Southern Corporation (100%).

We expect to have all required railroad agreements executed by the end of the next quarter(100%), as shown in the table below:

	Total Crossings	Submitted	Received	Completed
Amtrak	6	6	6	6
Bay Coast	2	2	2	2
CSX	30	30	30	30
George's Creek	5	5	5	5
Norfolk Southern	1	1	1	1
Maryland Delaware	2	2	2	2
Maryland Midland	4	4	4	4
MTA	7	7	7	7
TOTALS	57	57	57	57

Fiber Procurement:

- 100%, Procurement of all required fiber will have been completed.

100% of construction will be completed in all 23 counties and 1 City: Allegany Co, Anne Arundel Co, Baltimore City, Baltimore Co, Caroline Co, Carroll Co, Calvert Co, Cecil Co, Charles Co, Dorchester Co, Fredrick Co, Garrett Co, Harford Co, Howard Co, Kent Co, Montgomery Co, Prince George's Co, Queen Anne's Co, Saint Mary's Co, Somerset Co, Talbot Co, Washington Co, Wicomico Co,

Worcester Co.

Key project Indicators:

- a. New network miles deployed= 1339
- b. New network miles leased= 0
- c. Total CAI subscribers served (CAIs connected)= 1087
- d. Number of signed agreement with broadband wholesalers or last mile providers= 11

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	100	Small amount funds will remain for the 90 day closeout period.
2b.	Environmental Assessment	100	Milestone Completed.
2c.	Network Design	100	Milestone Completed.
2d.	Rights of Way	100	Milestone Completed.
2e.	Construction Permits and Other Approvals	100	Milestone Completed.
2f.	Site Preparation	100	Milestone Completed.
2g.	Equipment Procurement	100	Milestone Completed.
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Milestone Completed.
2i.	Equipment Deployment	100	Milestone Completed.
2j.	Network Testing	100	Milestone Completed.
2k.	Other (please specify): Administration	99	Small amount funds will remain for the 90 day closeout period.

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).

We will commence out close procedures on September 1st.

Infrastructure Budget Execution Details

Activity Based Expenditures (Infrastructure)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$7,479,147	\$3,811,988	\$3,667,160	\$7,015,499	\$3,578,250	\$3,437,249	\$7,429,147	\$3,798,338	\$3,630,810
b. Land, structures, right-of-ways, appraisals, etc.	\$1,350,000	\$0	\$1,350,000	\$1,257,956	\$0	\$1,257,956	\$1,350,000	\$0	\$1,350,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$8,749,198	\$157,764	\$8,591,434	\$8,114,213	\$0	\$8,114,213	\$8,749,198	\$157,764	\$8,591,434
e. Other architectural and engineering fees	\$8,529,550	\$2,372,379	\$6,157,170	\$8,529,550	\$2,523,068	\$6,006,482	\$8,529,550	\$2,372,379	\$6,157,170
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$113,689,497	\$30,971,125	\$82,718,372	\$104,922,047	\$29,026,841	\$75,895,206	\$113,689,497	\$30,971,125	\$82,718,372
j. Equipment	\$18,619,128	\$5,862,684	\$12,756,444	\$15,208,206	\$4,950,874	\$10,257,332	\$18,619,128	\$5,862,684	\$12,756,444
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$158,416,520	\$43,175,940	\$115,240,580	\$145,047,471	\$40,079,033	\$104,968,438	\$158,366,520	\$43,162,290	\$115,204,230
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$158,416,520	\$43,175,940	\$115,240,580	\$145,047,471	\$40,079,033	\$104,968,438	\$158,366,520	\$43,162,290	\$115,204,230

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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