

Note: Form instructions and definitions will be created to support the report. Instructional guidance and training will be developed. Numbering to be updated based on final approved form.

RECIPIENT NAME	COUNTY OF CUMBERLAND	OMB Control No.	OMB Control No. 0660-0052
		Expiration Date	Exp. Date: 2/28/2027

Middle Mile Grant Program Bi-Annual Performance Report									
A. GENERAL INFORMATION									
1a. Recipient Organization:		COUNTY OF CUMBERLAND		1h. Award Identification Number:		34-40-MM414			
1b. Recipient Street Address:		164 WEST BROAD ST		1i. Report Date (MM/DD/YYYY):		05/23/2025			
1c. City, State, and Zip Code:		BRIDGETON, New Jersey 08302-2458		1j. Final Report:		Yes		No	X
1d. Unique Entity Identification (UEI) Number:		QDPBAPG7Z7G1		1k. Report Period Start Date (MM/DD/YYYY):		10/01/2024			
1e. Award Start Date (MM/DD/YYYY):		07/01/2023		1l. Report Period End Date (MM/DD/YYYY):		03/31/2025			
1f. Award End Date (MM/DD/YYYY):		06/30/2025							
1g. Name of Person Completing Report:		Kevin Smaniotto							
B. PROJECT NARRATIVE									
Please use the section below to provide a project narrative of the project(s). This section aims to help reviewers better understand what project is being proposed and steps taken to achieve this goal.									
2a. A brief description of the recipient's organization and scope of work/project priorities.		Cumberland County, in partnership with Salem County, (two political sub-divisions of the State of New Jersey) intend to construct an approximately 220-mile dark fiber route serving as a middle mile redundant ring for ensuring last mile connectivity to under-served and un-served residents							
2b. An overview of the significant outputs and outcomes to be accomplished in the project.		Under-served and un-served residents of both counties will have access to broadband/internet service and will create more competitive options even for current subscribers to existing networks.							

2c. How would the project meet the recipient’s business and/or administrative need(s)?	The Counties are not currently in the business of providing broadband services, but each have historically implemented utilities in the past (e.g., sewer, landfill) to ensure its residents have access to vital resources that otherwise do/would not. This project would be no different.
2d. Provide an overview of key accomplishments achieved for this reporting period on the MM infrastructure project.	The County issued an RFP for O&M services and received no bids. Because of this, the County reached out to the City of Vineland (in Cumberland County) to determine the City's interest in providing services. The City already owns a successful electric utility and is the recipient of FY2025 NJ BIDE funding to create their own city-owned broadband network. As such, they have indicated that they are amenable to running the County's network.
2e. Provide any roadblock experienced during this reporting period impacting the expansion of the MM infrastructure project (i.e., supply chain, availability of labor).	The lack of response to the RFP was a bit of a roadblock, and design services are taking longer than expected.
2f. Provide any barriers to improving job quality experienced during this reporting period.	None.

C. INFRASTRUCTURE MILESTONE CATEGORIES AND PROJECT TIMELINE													
Please use the chart below to provide the start date and end date of your project.													
OVERALL PROJECT	PROJECT DURATION	3a. PROJECT START DATE	3b. PROJECT END DATE										
	730	07/01/2023	06/30/2025										
<p>Please provide the start and end dates for each milestone category of your project. The duration is be based on the start and end dates of each category.</p> <p>Please use the table provided to indicate your EXPECTED percentage of completion on a bi-annual basis for each year of your project. Year 1 begins with your award start date.</p> <p>The percentage of completion should be based primarily on the expenditure of your project budget and should be reported cumulatively from award inception through the end of each semi-annual reporting period. For example, if you expect to complete a particular milestone within the first three periods of your project, the third period and all subsequent periods should state 100%.</p> <p>*** Period 1 ends September 30 and Period 2 ends March 31. Additional columns may be added for a Year 6, Period 1 or 2, Baseline if the Period of Performance is 5 years.</p> <p>Please write “0” in the duration field if your project does not include an activity. If necessary, please insert additional milestones at the end.</p>													
ANTICIPATED PROJECT MILESTONES***				Year 1 Baseline		Year 2 Baseline		Year 3 Baseline		Year 4 Baseline		Year 5 Baseline	
3c. MILESTONE CATEGORIES	3d. DURATION (Days)	3e. START DATE	3f. END DATE	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2

Overall Project	730	2023-07-01	2025-06-30	0%	25%	50%	75%	100%	100%	100%	100%	100%	100%
Environmental Assessment	89	2023-12-01	2024-02-28	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Network Design	89	2023-12-01	2024-02-28	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Rights Of Way	182	2024-04-01	2024-09-30	0%	15%	100%	100%	100%	100%	100%	100%	100%	100%
Construction Permits And Other Approvals	182	2024-04-01	2024-09-30	0%	15%	100%	100%	100%	100%	100%	100%	100%	100%
Site Preparation	394	2024-06-01	2025-06-30	0%	0%	25%	75%	100%	100%	100%	100%	100%	100%
Equipment Procurement	394	2024-06-01	2025-06-30	0%	0%	25%	75%	100%	100%	100%	100%	100%	100%
Network Build (all components - owned, leased, Indefeasible Rights of Use, etc.)	29	2024-06-01	2024-06-30	0%	0%	25%	75%	100%	100%	100%	100%	100%	100%

Equipment Deployment	394	2024-06-01	2025-06-30	0%	0%	25%	75%	100%	100%	100%	100%	100%	100%
Network Testing	394	2024-06-01	2025-06-30	0%	0%	25%	75%	100%	100%	100%	100%	100%	100%
Status of Procurement				%	%	%	%	%	%	%	%	%	%
<p>Please use the table provided to indicate your ACTUAL percentage of completion on a bi-annual basis for each year of your project. Year 1 begins with your award start date.</p> <p>The percentage of completion should be based primarily on the expenditure of your project budget and should be reported cumulatively from award inception through the end of each semi-annual reporting period. For example, if you expect to complete a particular milestone within the first three periods of your project, the third period and all subsequent periods should state 100%.</p> <p>Please provide a brief description of the primary activities involved in meeting each milestone (a single description should be provided for each milestone, covering all periods in years one through N).</p> <p>*** Period 1 ends September 30 and Period 2 ends March 31. Additional columns may be added for a Year 6, Period 1 or 2, Baseline if the Period of Performance is 5 years.</p> <p>Please write the number “0” if your project does not include an activity. If necessary, please insert additional milestones at the bottom of the chart. Please add additional milestones as applicable.</p>													
ACTUAL PROJECT MILESTONES***				Year 1		Year 2		Year 3		Year 4		Year 5	
				Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
4a. MILESTONE	4b. DESCRIPTION			Actual Milestone Completion (Cumulative)									
Overall Project	Design is complete, and the environmental assessment is 75% complete.			0%	0%	1.77%	5%						
Environmental Assessment	The environmental assessment will be complete soon.			0%	0%	0%	75%						

Network Design	Design is complete.	0%	0%	29.79%	100%						
Rights Of Way	There are no rights of way for this project	0%	0%	0%	100%						
Construction Permits And Other Approvals	Permitting is substantially complete.	0%	0%	0%	80%						
Site Preparation	Not yet begun	0%	0%	0%	0%						
Equipment Procurement	Not yet begun	0%	0%	0%	0%						
Network Build (all components - owned, leased, Indefeasible Rights of Use, etc.)	Not yet begun	0%	0%	0%	0%						
Equipment Deployment	Not yet begun	0%	0%	0%	0%						
Network Testing	Not yet begun	0%	0%	0%	0%						
Status of Procurement	Not yet begun	0%	0%	15.42%	0%						

Subrecipient and Subawards										
List of Subrecipient(s) that received a subaward or subcontract from the eligible entity and a description of the specific project for which grant funds were provided.										
Associate projects names to any subrecipient or subaward associated with grant, approved grant funds, and expenditures to date.										
5a. Project Name	Status	5b. Project Description	5c. Subrecipient	5d. Minority Business Enterprise (MBE)	5e. Women's Business Enterprise (WBE)	5f. Labor Surplus Area Firm	5g. Awarded Funds	5h. Expenditur es to Date	5i. Remaining Grant Balance	5j. % of work complete
Subaward - Salem County Middle Mile	Active	Salem County is a partner on the application but there can be only one grant recipient. They are then considered to be a subrecipient whose share of the award is based on their percentage of estimated fiber miles (in this instance 45%). The expenditures to date reported is 45% of the total matching expenditures.	Salem County, NJ	false	false	false	\$10879511 .46	\$82475.18	\$10797036 .28	1 %

D. INFRASTRUCTURE BUDGET EXECUTION DETAILS							
Please provide details below on your total budget and total fund expended to date for each budget element, including detailed disbursements of both matching funds approved and federal funds obligated from project inception through end of this reporting period. Figures should be reported cumulatively from award inception to the end of the applicable reporting period.							
6a. Projected Budget Element	6b. Federal Funds	6c. Non-Federal Funds	6d. Total Project Budget	6e. Total Federal Funds Expended to Date	6f. Total Non-Federal Funds Expended to Date	6g. Total Funds Expended	6h. Percent of Federal Funding Expended to Date (Cumulative)
6a. Administrative and legal expenses	\$140,000.00	\$60,000.00	\$200,000.00	\$20,541.50	\$8,803.50	\$29,345.00	15%
6a. Land, structures, rights-of way, appraisals, etc.	\$1,945,682.90	\$5,542,995.72	\$7,488,678.62	\$0.00	\$0.00	\$0.00	0%

6a. Relocation expenses and payments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Architectural and engineering fees	\$1,460,200.00	\$625,800.00	\$2,086,000.00	\$1,186,405.99	\$508,459.71	\$1,694,865.70	81%
6a. Other architectural and engineering fees	\$1,302,317.10	\$558,135.90	\$1,860,453.00	\$138,146.85	\$59,205.80	\$197,352.65	11%
6a. Project inspection fees	\$70,000.00	\$30,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	0%
6a. Site work	\$70,000.00	\$30,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	0%
6a. Demolition and removal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Construction	\$15,884,642.13	\$2,805,357.87	\$18,690,000.00	\$0.00	\$0.00	\$0.00	0%
6a. Equipment	\$1,715,200.00	\$428,800.00	\$2,144,000.00	\$0.00	\$0.00	\$0.00	0%
6a. Miscellaneous	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Subtotal	\$22,588,042.13	\$10,081,089.49	\$32,669,131.62	\$1,345,094.34	\$576,469.01	\$1,921,563.35	6%
6a. Contingencies	\$1,588,650.00	\$280,350.00	\$1,869,000.00	\$0.00	\$0.00	\$0.00	0%

6a. Totals	\$24,176,692.13	\$10,361,439.49	\$34,538,131.62	\$1,345,094.34	\$576,469.01	\$1,921,563.35	6%
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E. COMMUNITY BENEFIT AGREEMENT

As stated in the MM Grant Program NOFO a Community Benefit Agreement (CBA) is an agreement signed by community benefit groups and a developer, identifying the community benefits a developer agrees to deliver, in return for community support of the project.

Please use the fields below to state the Community Benefit Group and Developer Name and describe the activities in how this partnership has supported with the Middle Mile Infrastructure project (i.e. wage agreements, targeting hiring of apprentices and disadvantaged groups in labor marker, education and training opportunities, sub-contracting to local small business for construction, services, and supply chain needs).

Description of Community Agreement

7a. Community Benefit Group Name: Please provide the name of the Community Benefit Group

7b. Developer Name: Please provide the name of the Developer.

7c. Community Benefit Group and Developer Partnership: Please describe in the space below the nature of the partnership and how the MM grant funds being used are assisting to provide community support for the infrastructure project.

These questions were answered via file upload.  
Number of Community Agreements: 0  
File(s) Uploaded with Responses:

F. CLIMATE RESILIENCE

Recipients must demonstrate that they have sufficiently accounted for current and future weather and climate related risks to new MM infrastructure projects. At present, weather and climate related risks to broadband networks include wildfires, extreme heat and cold, inland and coastal flooding, and the extreme winds produced by weather events such as tornadoes, hurricanes, and other weather events. Because retrofitted and new infrastructure for broadband might be expected to have a lifetime of 20 years or more, recipients must account not only for current risks but also for how the frequency, severity, and nature of these extreme events may plausibly evolve as our climate continues to change over the coming decades.



Climate Resiliency Risk Mitigation			
This purpose of this section is for the recipient to demonstrate that they have sufficiently accounted for current and future weather and climate-related risks to new MM infrastructure projects. In particular, each recipient should demonstrate how they've addressed the known and identifiable risks of current and future projected weather and climate conditions through measures such as (but not limited to) choice of a technology platform suitable to the climate risk of the region, reliance on alternatives siting of facilities (i.e., underground construction where appropriate), retrofitting, or hardening of existing assets, and use of network redundancy to safeguard against threats to infrastructure.			
8a. Were any geographic areas identified for this reporting period subject to an initial and/or updated hazard screening for future weather and climate related risk? If so, please provide the date of the screening and provide related documentation as an attachment to this report.			
No			
8b. Climate Resilience Category	8c. Date of Most Recent Hazard Screening	8d. Name and Title of Representative Completing Most Recent Hazard Screening	8e. Date of Report Completion
Files Uploaded for Hazard Screening Information: Climate Resilience.xlsx			
8f. Identified Risk: For your MM project, what are the potential weather and climate hazards that may be most important to be addressed that could impact the resiliency of the middle mile infrastructure deployed (i.e. wildfires, extreme heat and cold, inland and coastal flooding, extreme winds: tornadoes, hurricanes and other weather events)?			
Not applicable in this reporting period as all risk of mitigation efforts will be identified during the finalization of the environmental assessment.			
8g. Weather and Climate Hazards: Were any significant climate or weather hazards experienced during this reporting period (i.e., floods, tornados) impacting infrastructure buildout or service? Briefly describe how you monitored for weather and climate caused issues for the reliability of the system. If so, please provide the date of the disaster, location and backup documentation related (i.e., news articles).			

No
Not applicable in this reporting period as all risk of mitigation efforts will be identified during the finalization of the environmental assessment.
8h. Risks to Deployment of New Infrastructure: Has the team identified any risks impacting the deployment of new or repaired infrastructure due to current and future weather and climate-related threats during this reporting period?
No
8i. Risk Mitigation: How will the project avoid and/or mitigate the risk identified? If not applicable, please explain why.
Not applicable in this reporting period as all risk of mitigation efforts will be identified during the finalization of the environmental assessment.
8j. Additional Information: Is there any additional information you would like to share during this reporting period that the grant team should be aware of regarding the management of sustainable climate resiliency for your MM project?
No. Not applicable in this reporting period as all risk of mitigation efforts will be identified during the finalization of the environmental assessment.
8k. Additional Resources Has the team utilized the available resources to assist with mitigation and long-term planning efforts for this reporting period? If so, which resources? 2018 National Climate Assessment NOAA's 2022 State Climate Summaries NOAA Disaster and Risk Mapping Tool NOAA's Storms Event Database NOAA Climate Explorer and Digital Coast FEMA National Risk Index Consulted FEMA-approved Hazard Mitigation Plans prepared by states in which they propose to build middle mile infrastructure to help identify key risk and hazards
No

G. Workforce																						
For projects receiving over \$5,000,000 (based on expected total cost), as determined by the U.S. Secretary of Labor by subchapter IV of chapter 31 of title 40, United States Code (commonly known as the "Davis-Bacon Act"), all laborers and mechanics employed by contractors and subcontractors in the performance of such project are paid wages at rates not less than those prevailing.																						
Davis-Bacon Certification																						
9a. Does the recipient have access to the information requested (all laborers and mechanics employed by contractors and subcontractors in the performance of such project are paid wages at rates not less than those prevailing?)															No							
Local Hire Prioritization and Impact																						
Local hiring is a goal or requirement to hire people who live close to the place of work. This aim is often more specifically structured as a requirement for contractors awarded certain types of publicly funded projects to recruit a certain proportion of the people working on the project from a particular area. Please <b>provide all direct hires and contractors supporting</b> the MM Infrastructure project.																						
Please use the table below to describe how the project prioritizes local hiring.																						
Hires by Race, Ethnicity and Sex	Number of Hires																					
	Race/Ethnicity																					
	9b. Hispanic or Latino			9c. Non-Hispanic/Non-Latino																		Totals
				9c-1. Men						9c-2. Women												
	9b-1. Men	9b-2. Women		White	Black or African American	Native Hawaiia n or Pacific Islander	Asian	Native America n or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races							
Number of Local Direct Hires	0	0		0	0	0	0	0	0	0	0	0	0	0	0						0	

Number of Non-Local Direct Hires	0	0		0	0	0	0	0	0	0	0	0	0	0	0							0
Percentage of Local Direct Hires on Award	0%	0%		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%							
Number of Local Subcontractors	0	0		0	0	0	0	0	0	0	0	0	0	0	0							0
Number of Non-Local Subcontractors	0	0		0	0	0	0	0	0	0	0	0	0	0	0							0
Percentage of Local Subcontractors on Award	0%	0%		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%							

Davis-Bacon Act Wages

Please confirm if wages are at least prevailing\*

\*As stated in the MM NOFO as determined by the U.S. Secretary Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code (commonly known as the "Davis-Bacon Act"), for the corresponding classes of laborers and mechanics employed on projects of a character similar to the contract work in the civil subdivision of the State (or the District of Columbia) in which the work is to be performed.

10a. Are wage rates at least the Davis-Bacon prevailing wage for all laborers?

No

10b. Please cite your source of how this information was gathered (for 10a).	The county is not yet to the point of awarding contracts for public work subject to the Davis-Bacon Act. When this takes place, it will be in the appropriate performance report.
10c. Are wage rates at least the prevailing wage for all mechanics?	No
10d. Please cite your source of how this information was gathered (for 10c).	The county is not yet to the point of awarding contracts for public work subject to the Davis-Bacon Act. When this takes place, it will be in the appropriate performance report.
10e. If you answered "No" to either 10a. or 10c., please provide an attachment reporting the wages and benefits of workers on the project by job classification, and whether those wages are less than the prevailing wage.	

Workforce Demographic Data				
Jobs by Race, Ethnicity and Sex	Number of Jobs			
	Race/Ethnicity			
	11-a. Hispanic or Latino	11b. Non-Hispanic/Non-Latino		Totals
		11b-1. Men	11b-2. Women	

Workforce Demographic Data																						
	11a-1. Men	11a-2. Women		White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races							
Jobs Created	0	0		0	0	0	0	0	0	0	0	0	0	0	0							0
Jobs Retained	0	0		0	0	0	0	0	0	0	0	0	0	0	0							0

Unionized Workforce	
12-a. Does this project include some workforce elements that are unionized?	Yes
12-b. Are workers provided access to union educators/organizers on employer property or during the work day?	No
12-c. Does your MM project utilize a project labor agreement?	No
12-d. Did workers receive additional information or training about their workplace rights in addition to already required notice postings?	No

<b>H. Workforce Continuity Plan</b> <b>National Labor Relations Act (29 U.S.C. 158 (f))</b>
As stated in the MM NOFO, if a recipient has not provided a certification that a project either will use a unionized project workforce or included a project labor agreement, meaning a pre-hire collective bargaining agreement consistent with section 8(f) of the National Labor Relations Act (29 U.S.C. 158 (f)), then the recipient must provide a project workforce continuity plan.

Workforce Continuity Plan

13a. Please describe the steps taken to ensure the project has ready access to a sufficient supply of appropriately skilled and unskilled labor to ensure construction is completed skillfully throughout the project's life (as required in Section III.B of the MM NOFO). As stated in the MM NOFO, the middle mile grant recipient is capable of carrying out the proposed project in a competent manner, including a plan to attract or retain an appropriate skilled and credentialed workforce.

Not yet applicable

For your MM project, please provide a brief description of efforts made to attract, train or retain a skilled and credentialed workforce.

Not yet applicable

Has the team offered any of the following resources to assist with maintaining a sufficient supply of appropriately skilled labor force for this reporting period? If so, which resources (please provide a brief description of any of the following that apply):  
Professional Certifications  
In-House Training  
Registered Apprenticeships  
Labor-Management Partnerships  
Partnerships with entities like unions, community colleges, or community-based groups

Not yet applicable

13b. Please describe below, the steps taken to minimize risks of labor disputes and disruptions that would jeopardize the timeliness and cost-effectiveness of completing the MM project.

Not yet applicable

13c. Please describe below the steps to ensure a safe and healthy workplace that avoids delays and costs associated with workplace illnesses, injuries, and fatalities.

Not yet applicable

13d. For your MM project, please provide a brief description below of efforts made to ensure a safe and healthy workplace.

Not yet applicable

Has the team offered any of the following resources to assist with maintaining a safe and healthy workplace for this reporting period? If so, which resources (please provide a brief description of any of the following that apply):  
Safety Training  
Certifications and/or Licensure Requirements for all relevant works (e.g., OSHA 10, OSHA 30, confined space, traffic control, or other training required of workers employed by contractors)  
Issues raised by workplace safety committees and their resolutions

Not yet applicable

Subcontracted Entities Information			
As stated in the MM NOFO, if a recipient has not provided a certification that a project either will use a unionized project workforce or included a project labor agreement, meaning a pre-hire collective bargaining agreement consistent with section 8(f) of the National Labor Relations Act (29 U.S.C. 158 (f)), then the recipient must provide a project workforce continuity plan.			
13e. Please provide the name(s) below of any subcontracted entities performing work on the project, and the total number of workers employed by each entity.			
13e-1. Name of Subcontracted Entity Performing Work	Status	13e-2. Total Number of Workers within this Subcontract	13e-3. Job Categories of Workers Supporting Project within this Subcontract
Triad Associates, Inc.	Active	5	Contract is for Grant Administration
Tectonic Engineering Consultants, Geologists and Land Surveyors, DPC	Active	11	Contract is for Professional Consulting
EN Engineering LLC	Active	13	Design Engineering
13f. Please describe below the steps taken to ensure that workers on the project receive wages and benefits sufficient to secure an appropriately skilled workforce in the context of the local and regional labor market.			
Not yet applicable - contractors hired are not for the provision of public work subject to Davis-Bacon or the NJ Prevailing Wage Act. The above are for professional and consulting services. As such, the response to 13e-3 is "Not Applicable" for each of these.			

I. ANCHOR INSTITUTIONS	
Please provide Anchor Institution (AI) data for the current period only (not cumulative). Please add rows as needed.	
14a. Anchor Institution Name	These questions were answered via file upload. <b>File Uploaded with Responses:</b> Anchor Institutions.xlsx
14b. Street Address	
14c. City	



14d. State	
14e. Type of Anchor Institution	
14f. Interconnection with 1,000 Feet of AI Enabling Gig Symmetrical Service	
14g. Narrative Description of how the Anchor Institution may benefit from the Grant Funded Infrastructure	

J. BROADBAND ACCESS KEY INDICATOR: SUBSCRIBERS AND SPEED										
Please use the following table to provide anticipated key indicators with the projected totals for each beneficiary category, access type and speed category for your infrastructure service or project. Except as indicated, information should be reported cumulatively from award inception through the end of the bi-annual period for Bi-Annual Indicators. Please write the number “0” if your project does not include this indicator.										
*** Period 1 ends September 30 and Period 2 ends March 31. Additional columns may be added for a Year 6, Period 1 or 2, Baseline if the Period of Performance is 5 years.										
PROJECTED NUMBER OF SUBSCRIBERS AND SPEED	Year 1		Year 2		Year 3		Year 4		Year 5	
ACCESS TYPE	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
15a. Anchor Institutions (AIs)***										
15a-1. Total Number of AIs passed	0	0	0	0						
15a-2 Number of AIs within 1,000 feet of the middle mile infrastructure	0	0	0	0						
15a-3. Total number of AIs served	0	0	0	0						
15a-4. AIs with new access	0	0	0	0						
15a-5. AIs with improved access	0	0	0	0						
15a-6. Total number of AIs served with speeds of at least 1/1Gbps	0	0	0	0						

15b. Broadband Wholesalers or Last Mile Providers***										
15b-1. Total number of broadband wholesalers or last mile providers served	0	0	0	0						
15b-2 Broadband wholesalers or last mile providers with new access	0	0	0	0						
15b-3. Broadband wholesalers or last mile providers with improved access	0	0	0	0						
15b-4. Total number of broadband wholesalers or last mile providers offering speeds of at least 25/3 Mbps	0	0	0	0						
15b-5. Total number of broadband wholesalers or last mile providers offering speeds of at least 100/20 Mbps	0	0	0	0						
15b-6. Total number of broadband wholesalers or last mile providers offering speeds of at least 1/1 Gbps	0	0	0	0						

K. BROADBAND ACCESS KEY INDICATOR: NETWORK BUILD PROGRESS										
Please use the following table to provide anticipated key indicators and progress of your Infrastructure project. Except as indicated, information should be reported cumulatively from award inception through the end of the bi-annual period. Please write the number “0” if your project does not include this indicator.										
*** Period 1 ends September 30 and Period 2 ends March 31. Additional columns may be added for a Year 6, Period 1 or 2, Baseline if the Period of Performance is 5 years.										
NETWORK BUILD PROGRESS***	Year 1		Year 2		Year 3		Year 4		Year 5	
KEY INDICATOR	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
16a. Total of new fiber miles (aerial or buried)	0	0	0	0						
16b. Total of fiber miles leased	0	0	0	0						

16c. Total of existing fiber miles upgraded	0	0	0	0						
16d. Total number of new microwave links	0	0	0	0						
16e. Total number of new towers	0	0	1	0						
16f. Total number of new interconnection points	0	0	0	0						
16g. Total number of signed agreements with broadband wholesalers or last mile providers	0	0	0	0						
16h. Total of potential agreements (i.e., agreements currently being negotiated) with broadband wholesalers or last mile providers (This Total should NOT be reported cumulatively)	0	0	0	0						

L. QUANTIFIABLE METRICS										
<b>Quantifiable Metrics</b> - Section designed to assist with <b>reporting</b> and <b>audit</b> purpose to quantify how much progress was made and track the location of where the progress was made.										
*** Period 1 ends September 30 and Period 2 ends March 31. Additional columns may be added for a Year 6, Period 1 or 2, Baseline if the Period of Performance is 5 years.										
17a. Fiber Optic Based ***	Year 1		Year 2		Year 3		Year 4		Year 5	
	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
17a-1. Is the fiber a buried/aerial or undersea application?	Buried/aerial	Buried/aerial	0	buried/aerial						
17a-2. Number of strands deployed	0	0	0	0						
17a-3. Number of miles of buried fiber deployed	0	0	0	0						

17a-4. Number of miles of aerial fiber deployed	0	0	0	0						
17a-5. Estimated capacity of fiber (i.e. throughput)	0	0	0	0						
17a-6. Deployment cost per mile of buried fiber optics	\$0.00	\$0.00	\$0.00	\$0.00						
17a-7. Deployment cost per mile of aerial fiber optics	\$0.00	\$0.00	\$0.00	\$0.00						
17a-8. Total Spent on Buried Fiber Deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00						
17a-9. Total Spent on Aerial Fiber Deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00						
17a-10. Total spent on Fiber Deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00						
17a. Fiber Optic Based ***, Long Text Responses and File Uploads										
Current Period (Year 2, Period 2)										
17a-11. Please provide any additional information about the Fiber Optic deployment (200 words or less)	Not applicable during this reporting period.									
17a-12. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the new aerial fiber and buried fiber equipment installed during this reporting period.										

17b. Microwave Based ***	Year 1		Year 2		Year 3		Year 4		Year 5	
	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
17b-1. How many microwave nodes have been deployed?	0	0	0	0						

17b-2. How many microwave nodes are operating for reporting period?	0	0	0	0						
17b-3. Installation cost per microwavable node	\$0.00	\$0.00	\$0.00	\$0.00						
17b-4. Number of new towers built to support microwave structure	0	0	0	0						
17b-5. If applicable, what type of tower was constructed (a) Monopole (b) Self-Support, (c) Guyed, or (d) Other during this reporting period?	N/A	N/A	N/A	N/A						
17b-6. Average cost per tower installed	\$0.00	\$0.00	\$0.00	\$0.00						
17b-7. Total spend on Tower deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00						
17b-8. Total spend on microwave deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00						
17b. Microwave ***, Long Text Responses and File Uploads										
Current Period (Year 2, Period 2)										
17b-9. If you answered "Other" to question 17b-5 or if it is a combination of multiple types, please provide a detailed narrative description detailing what type of tower or what combination of towers is used for the project and the associated costs. (200 words or less).	N/A									
17b-10. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the microwave nodes created during this reporting period.										

17c. Satellite ***	Year 1		Year 2		Year 3		Year 4		Year 5	
	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
17c-1. What satellite provider is being used?	N/A	N/A	N/A	N/A						

17c-2. What is the estimated capacity of the satellite link (i.e. throughput)?	0	0	0	0						
17c-3. What is the associated cost to use this satellite service?	\$0.00	\$0.00	\$0.00	\$0.00						
17c. Satellite ***, Long Text Responses and File Uploads										
Current Period (Year 2, Period 2)										
17c-4. Please provide any additional information about the Satellite deployment (200 words or less)	N/A									
17c-5. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the satellite network accessed during this reporting period.										

Certifications

18. Please provide certification evidencing compliance with Federal labor and employment laws along with the requirements of Infrastructure Investment and Jobs Act and Middle Mile Grant Program, for the bi-annual period for which this report is being filed.

The county shall comply with federal labor and employment laws along with the requirements of the Infrastructure Investment and Jobs Act and Middle Mile Grant Program. While no such contracts have yet been awarded, solicited, specified, etc., the county will ensure compliance.

19. Please provide certification evidencing compliance with the Build America, Buy America Act. The Build America, Buy America Act requires that all of the iron, steel, manufactured products (including but not limited to fiber-optic communications facilities), and construction materials used in the project or other eligible activities are produced in the United States unless a waiver is granted.

The county shall comply with the Build America, Buy America Act. While no such contracts have yet been awarded, solicited, specified , etc. The county will ensure compliance

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20. 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.

20a. Typed or Printed Name and Title of Authorized Certifying Official:Kevin Smaniotto

20b. Signature of Certifying Official:	Kevin Smaniotto
20c. Telephone (area code, number and extension):	
20d. Email Address:	kevinsm@cumberlandcountynj.gov
20e. Date:	05/23/2025