

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	DEVELOPMENT AUTHORITY OF THE NORTH COUNTRY	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:	DEVELOPMENT AUTHORITY OF THE NORTH COUNTRY	1h. Award Identification Number:	36-40-MM019			
1b. Recipient Street Address:	317 WASHINGTON ST STE 4	1i. Report Date (MM/DD/YYYY):	10/30/2025			
1c. City, State, and Zip Code:	WATERTOWN, New York 13601-3768	1j. Final Report:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
1d. Unique Entity Identification (UEI) Number:	NX86L4LDY5X4	1k. Report Period Start Date (MM/DD/YYYY):	04/01/2025			
1e. Award Start Date (MM/DD/YYYY):	07/01/2023	1l. Report Period End Date (MM/DD/YYYY):	09/30/2025			
1f. Award End Date (MM/DD/YYYY):	06/30/2026					
1g. Name of Person Completing Report:	Carl Farone					

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.	DANC is a NYS public benefit corporation and is partnering with National Grid, a regional utility, to complete approximately 287 miles of open-access, middle mile infrastructure across multiple counties in northern New York State.
2b. An overview of the significant outputs and outcomes to be accomplished in the project.	The project is proposed to assist approximately 9,195 unserved households within a 5-mile radius of the project. It will provide broadband access to 188 anchor institutions within 1000' of the project. This is revised based on route changes submitted to NTIA on June 9, 2025.

2c. How would the project meet the recipient's business and/or administrative need(s)?	Project extends DANC's open access telecom network which affords access to any service provider wishing to provide services. DANC operates its OATN network with 2,000 miles of line across northern NYS.
2d. Provide an overview of key accomplishments achieved for this reporting period on the MM infrastructure project.	The Authority submitted revised routes to NTIA for review. The revisions were reviewed and accepted by NTIA with the exception of Segment 3 which saw make ready costs increase 3.5 times from the original estimate. Costs increased due to the number of poles that needed to be replaced upon final design, and the types of poles to be replaced, more sub-transmission poles need to be replaced versus the standard distribution poles which are half the cost of the sub-t pole. The Authority was going to explore overlash along this route, however Frontier is in the process of selling to Verizon and cannot entertain agreements on poles. NTIA asked the Authority to monitor the situation. By November 1, if the sale has not occurred, the Authority will request that Segment 3 be removed from the project. Authority is working through updates to the environmental assessment as required and plan to have it completed by December 31, 2025. Make ready has been started on routes where those pole owners have been able to advance preliminary E5s to construction prints. Make ready is expected to continue through 2026. Semi annual report due 4/31/25 submitted on time, and quarterly desk reviews completed.
2e. Provide any roadblock experienced during this reporting period impacting the expansion of the MM infrastructure project (i.e., supply chain, availability of labor).	In regard to make ready, a major pole owner has been slow getting Exhibit 5s completed and submitted to the Authority to be able to complete the construction prints. Once the Exhibit 5s are completed by the pole owner they are then released to begin make ready. Only about 2% of make ready has been completed for the total project. Additionally, make ready costs continue to increase. Make ready costs have increased by 3 to 4 times since the beginning of the grant due primarily to a significant reduction in flexibility of the designs for the fiber, revisions to height requirements for ground clearance, and the requirement for post construction surveys on 100% of the projects. This has resulted in requiring pole replacements due to the new height requirements of approximately 30% of the poles we have applied for, compared to approximately 10% in the past.
2f. Provide any barriers to improving job quality experienced during this reporting period.	There have been no barriers to improving job quality experienced during this reporting period.

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
	1095	07/01/2023	06/30/2026

Site Preparation	212	2025-10-31	2026-05-31	0%	0%	0%	0%	50%	100%	100%	100%	100%	100%
Equipment Procurement	457	2023-11-01	2025-01-31	0%	0%	15%	30%	50%	100%	100%	100%	100%	100%
Network Build (all components - owned, leased, Infeasible Rights of Use, etc.)	214	2025-07-01	2026-01-31	0%	0%	0%	0%	50%	75%	100%	100%	100%	100%
Equipment Deployment	668	2024-06-01	2026-03-31	0%	0%	0%	0%	50%	75%	100%	100%	100%	100%
Network Testing	89	2026-01-01	2026-03-31	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%
Status of Procurement				%	%	%	%	%	%	%	%	%	%

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.

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%.

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).

*** 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.

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.

ACTUAL PROJECT MILESTONES***	Year 1	Year 2	Year 3	Year 4	Year 5
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		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	Currently waiting on major pole owner to provide the final Exhibit 5s that are needed to complete construction prints. The E5s then need to be released for make-ready to begin. About 2% of make-ready work is completed to date. These poles are owned by other entities that have been able to submit the required documentation to move forward with make-ready.	1%	2%	10%	20%	20%					
Environmental Assessment	Working through updates to the EA due to route changes. The goal is to complete this by 12/31/25.	10%	75%	90%	100%	100%					
Network Design	Waiting on primary pole owner to complete preliminary E5s for several routes in order to complete construction prints. Construction print field review ,and then make-ready, cannot occur until the construction prints are completed.	2%	50%	60%	90%	90%					
Rights Of Way	Most rights of way issues have been addressed and waiting for a few final details to be ironed out and then this task will be completed.	0%	25%	75%	75%	75%					
Construction Permits And Other Approvals	Completed procurement of engineering firm for state, county and local highway permitting; and held NYS regional DOT/DANC project kick-off meeting. Permitting is at 35% complete as we wait on the Exhibit 5s. Segment 2 is 100% complete as no permits were required.	0%	25%	50%	50%	50%					
Site Preparation	Waiting on Exhibit 5's from major pole owner. Once completed they need to be advanced for make-ready to begin. About 2% of make ready has been completed for the project.	0%	25%	65%	65%	65%					
Equipment Procurement	Fiber purchased, have not started procurement for other required equipment.	0%	0%	50%	50%	50%					
Network Build (all components - owned, leased, Infeasible Rights of Use, etc.)	Make ready needs to be completed prior to construction beginning.	0%	0%	0%	0%	0%					

Equipment Deployment	Not applicable at this time.	0%	0%	0%	0%	0%					
Network Testing	Not applicable at this time.	0%	0%	0%	0%	0%					
Status of Procurement	Fiber has been procured.	0%	50%	50%	50%	50%					

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. Minorit y Busines s Enterpri se (MBE)	5e. Women' s Busines s Enterpri se (WBE)	5f. Labor Surplus Area Firm	5g. Awarde d Funds	5h. Expendi tures to Date	5i. Remaini ng Grant Balance	5j. % of work complet e
Segment 12	Active	Northland Communications will design, construct, test, turn-up, and own Segment 12 as proposed in the NTIA application.	Northland Communications	false	false	false	\$235620 0	\$459828 .81	\$189637 1.19	20 %

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	\$121,992.15	\$3,713.85	\$125,706.00	\$130,412.50	\$0.00	\$130,412.50	107%
6a. Land, structures, rights-of way, appraisals, etc.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Relocation expenses and payments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Architectural and engineering fees	\$877,044.00	\$0.00	\$877,044.00	\$778,598.25	\$0.00	\$778,598.25	89%
6a. Other architectural and engineering fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Project inspection fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Site work	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A

6a. Demolition and removal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A
6a. Construction	\$10,959,799.10	\$9,246,612.90	\$20,206,412.00	\$3,795,632.45	\$4,525,592.47	\$8,321,224.92	35%
6a. Equipment	\$1,025,000.00	\$0.00	\$1,025,000.00	\$0.00	\$0.00	\$0.00	0%
6a. Miscellaneous	\$606,150.00	\$0.00	\$606,150.00	\$3,228.20	\$0.00	\$3,228.20	1%
6a. Subtotal	\$13,589,985.25	\$9,250,326.75	\$22,840,312.00	\$4,707,871.40	\$4,525,592.47	\$9,233,463.87	35%
6a. Contingencies	\$957,764.36	\$651,923.64	\$1,609,688.00	\$0.00	\$0.00	\$0.00	0%
6a. Totals	\$14,547,749.61	\$9,902,250.39	\$24,450,000.00	\$4,707,871.40	\$4,525,592.47	\$9,233,463.87	32%

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

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
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No files uploaded for Hazard Screening.

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)?

The 2018 National Climate Assessment cited the primary weather and climate hazards in the Northeast as storm, drought, heat waves, and flooding. Significant snow fall can impact areas of the service region.

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

There were no significant impacts to broadband services during the last 6 months. DANC's open access network has several routes of redundancy so that is, and when, there are weather or climate issues that adversely impact the network, we strive to maintain system operations through redirecting data traffic over other paths. Staff monitors the network 24/7/365 for reliability. Crews are also on standby when an extreme weather event is warned or occurs.

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.

DANC continually field reviews all major trunk routes with particular attention to heavily forested aerial plant to ensure maximized tree/obstacle clearances are adhered to, to ensure storm related damage is minimized.

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?

None at this time.

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

Yes

FEMA Disasters and Other Declarations, NOAA 2022 State Climate Summary, and Storm Events Database were utilized.

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?)

Yes

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 **provide all direct hires and contractors supporting** 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 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						
Number of Local Direct Hires	0	0		31	0	0	0	0	0	4	0	0	0	0	0					35	
Number of Non-Local Direct Hires	0	0		2	0	0	0	0	0	2	0	0	0	0	0					4	
Percentage of Local Direct Hires on Award	0%	0%		94%	0%	0%	0%	0%	0%	67%	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	1		194	4	1	1	3	1	7	1	0	1	0	0					214	
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?	Yes
10b. Please cite your source of how this information was gathered (for 10a).	National Grid provided a certified letter stating that its operational field workforce is unionized and that the Company has a collective bargaining agreement with IBEW 97 that expires on April 3, 2027.
10c. Are wage rates at least the prevailing wage for all mechanics?	Yes
10d. Please cite your source of how this information was gathered (for 10c).	No mechanics have been used on the project.
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																				Totals
	Race/Ethnicity																				
	11-a. Hispanic or Latino			11b. Non-Hispanic/Non-Latino																	
				11b-1. Men							11b-2. Women										
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?	Yes

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?	Yes

**H. Workforce Continuity Plan
National Labor Relations Act (29 U.S.C. 158 (f))**

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.

There is a sufficient labor pool of skilled and unskilled labor to ensure construction is completed skillfully. The Authority has its own staff of qualified telecom engineers, project engineers, and outside plant specialists to oversee the project and is working closely with its subrecipient, Northland, and partner, National Grid, to complete the make-ready. The Authority is also undertaking a new initiative to attract transitioning soldiers, veterans, and spouses from Fort Drum to job opportunities in the North Country.

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

The Authority completed a wage survey. This helped the Authority to confirm that its wages and benefits were competitive with other public and private sector entities. The Authority also offers paid training to staff in order to increase workforce skills. The Authority is also undertaking a new initiative to attract transitioning soldiers, veterans, and spouses from Fort Drum to job opportunities in the North Country. This program is funded by NYS. JCC, the local community college, is also renovating space on campus for skills training that should support our regional workforce.

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

The Authority provides in-house safety training and pays for professional certifications for staff relating to their positions like PMP certifications. The Authority has 2 PMPs working on the project.

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.

DANC meets monthly with National Grid and Northland project teams to not only review the project schedule, but to discuss and address any potential labor issues that might affect the project. The Authority is also verifying that all contractors, as required, are paying Davis Bacon wages as required by the grant.

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.

DANC provides regular health and safety training for all employees, and specific job classification trainings as well. DANC has a very detailed health and safety policy and procedures. DANC requires that Contractors shall comply with the US Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (PL 91 596) and under Section 107 of the Contract Work Hours and Safety Standard Act (PL 91 54), latest revisions. No reportable issues arose during this reporting period.

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

DANC provides regular health and safety training for all employees, and specific job classification trainings as well. DANC has a very detailed health and safety policy and procedures. DANC requires that Contractors shall comply with the US Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (PL 91 596) and under Section 107 of the Contract Work Hours and Safety Standard Act (PL 91 54), latest revisions. No reportable issues arose during this reporting period.

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

The Authority provides OSHA training programs to staff as their positions require, to include, but is not limited to: respiratory protection, hot work program, office ergo, industrial ergo, confined space, and lock-out tag out. Authority staff, as required, are taking ICS 100 and 200 level training. The Authority has a health and safety committee that meets regularly to discuss issues in compliance with the organization's Health and Safety Manual.

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
National Grid	Active	214	1 executive/senior level official & manager; 16 first/mid-level officials & managers; 21 professionals; 15 technicians; 2 administrative support workers; 144 craft workers; 11 Operatives; 4 laborer/helper
Harlan Electric	Active	8	8 laborers and helpers

Asplundh Construction	Active	8	8 laborers and helpers
Leidos Engineering	Active	14	2 executive/senior level officials/managers; 3 first/mid level officials & managers; 8 professionals; 1 administrative support worker
CHA Consulting Inc.	Active	1718	9 executive/senior level officials/managers; 348 first/mid level officials & managers; 920 professionals; 390 technicians; 6 sales workers; 45 administrative support workers.
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.			
National Grid has provided a letter stating the company has a collective bargaining agreement with IBEW Local 97.			

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	<p>These questions were answered via file upload. File Uploaded with Responses: Anchor Institutions (3).xlsx</p>
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
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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	
	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	0					
15a-2 Number of AIs within 1,000 feet of the middle mile infrastructure	0	0	0	0	0					
15a-3. Total number of AIs served	0	0	0	0	0					
15a-4. AIs with new access	0	0	0	0	0					
15a-5. AIs with improved access	0	0	0	0	0					
15a-6. Total number of AIs served with speeds of at least 1/1Gbps	0	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	0					
15b-2 Broadband wholesalers or last mile providers with new access	0	0	0	0	0					
15b-3. Broadband wholesalers or last mile providers with improved access	0	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	0					

15b-5. Total number of broadband wholesalers or last mile providers offering speeds of at least 100/20 Mbps	0	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	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	0					
16b. Total of fiber miles leased	0	0	0	0	0					
16c. Total of existing fiber miles upgraded	0	0	0	0	0					
16d. Total number of new microwave links	0	0	0	0	0					
16e. Total number of new towers	0	0	0	0	0					
16f. Total number of new interconnection points	0	0	0	0	0					

16g. Total number of signed agreements with broadband wholesalers or last mile providers	0	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	0					

L. QUANTIFIABLE METRICS

Quantifiable Metrics - Section designed to assist with **reporting** and **audit** 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	buried/aerial	No	buried/aerial					
17a-2. Number of strands deployed	0	0	0	0	0					
17a-3. Number of miles of buried fiber deployed	0	0	0	0	0					
17a-4. Number of miles of aerial fiber deployed	0	0	0	0	0					
17a-5. Estimated capacity of fiber (i.e. throughput)	0	0	0	0	0					
17a-6. Deployment cost per mile of buried fiber optics	\$0.00	\$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	\$0.00					
17a-8. Total Spent on Buried Fiber Deployment this reporting period	\$0.00	\$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	\$0.00					
17a-10. Total spent on Fiber Deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
17a. Fiber Optic Based ***, Long Text Responses and File Uploads										
Current Period (Year 3, Period 1)										
17a-11. Please provide any additional information about the Fiber Optic deployment (200 words or less)	Not applicable at this time.									
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	0					
17b-2. How many microwave nodes are operating for reporting period?	0	0	0	0	0					
17b-3. Installation cost per microwavable node	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
17b-4. Number of new towers built to support microwave structure	0	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	N/A					
17b-6. Average cost per tower installed	\$0.00	\$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	\$0.00					
17b-8. Total spend on microwave deployment this reporting period	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
17b. Microwave ***, Long Text Responses and File Uploads										
Current Period (Year 3, Period 1)										
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).										
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	0	0	0					
17c-2. What is the estimated capacity of the satellite link (i.e. throughput)?	0	0	0	0	0					
17c-3. What is the associated cost to use this satellite service?	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
17c. Satellite ***, Long Text Responses and File Uploads										
Current Period (Year 3, Period 1)										
17c-4. Please provide any additional information about the Satellite deployment (200 words or less)	Not applicable									

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 Development Authority of the North Country is in compliance with Federal labor and employment laws along with the requirements of the Infrastructure Investment and Jobs Act and Middle Mile Grant Program, for the bi-annual period for which this report is being filed.

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.

I certify that the Development Authority of the North Country is in compliance with the Build America, Buy America Act.

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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: Carl Farone

20b. Signature of Certifying Official: Carl Farone

20c. Telephone (area code, number and extension): 3156613200

20d. Email Address: cfarone@danc.org

20e. Date: 10/30/2025