



Scott O. Arneson
County Administrator
scott.arneson@goodhuecountymn.gov
509 West 5th Street
Red Wing, MN 55066

To: Goodhue County Board of Commissioners

Date: March 4, 2025

Re: Broadband proposal for FY26 Community Project Funding

Background

Last month, the office of Rep. Brad Finstad contacted the County seeking proposals they can submit for FY26 Community Project Funding (CPF). County staff sent a request for proposals to broadband providers seeking projects that would align with CPF federal appropriation requirements and advance the County's rural broadband goals. We also considered other capital projects, and concluded broadband were projects that were most "shovel-ready" and likely to meet other requirements of the process. We received two proposals.

Nuvera of New Ulm submitted a proposal for \$4,242,067 to provide broadband to the premises for 214 subscribers in Zumbrota Township, Goodhue Township, Featherstone Township, a small portion of Hay Creek Township and Belvidere Township. Nuvera has proposed to contribute 100%, or \$1,060,516.75 of the required 25% in non-federal (local match) funds. The full proposal is attached.

Mediacom of Mediacom Park, NY submitted a proposal for \$15,898,047 to provide fiber to the home to a minimum of 841 locations from unincorporated Cannon Falls to Lake City. Mediacom has proposed to contribute 100%, or \$4,006,308.05 of the required 25% in non-federal (local match) funds. The full proposal is attached.

After reviewing the proposals, staff has concluded:

- The projects do not overlap or interfere with each other.
- The projects fill in gaps in service and advance the County's rural broadband goals.
- The projects appear to meet the requirements of the CPF program.

It is worth noting that the average broadband CPF award in 2024 was \$1.2 million and that the congressional committee may choose to provide a lower amount in the appropriations bill. If both proposals are supported by the board, staff will submit these as two individual projects.

Recommended Board Action:

- Approve submission of the Nuvera proposal for FY26 Community Project Funding to provide rural broadband in Goodhue County.
- Approve submission of the Mediacom proposal for FY26 Community Project Funding to provide rural broadband in Goodhue County.

Find your Good here.



FY26 CPF APPLICATION



Goodhue County

FY26 CPF APPLICATION QUESTIONS – BROADBAND

Complete Name, Address and Contact Information for Responding Firm:

Nuvera

Monty Morrow

27 N Minnesota St
New Ulm, MN 56073

Ofc: 320-234-5264

Name of Proposal:

Goodhue County FY26 CPF Fiber to the Premises.

Total Project Cost:

\$4,242,067

Amount requested from CPF (equal to 75% of total project cost):

\$3,181,550.25 (75% of total project cost)

Responding firm's contribution to 25% local cost share:

\$1,060,516.75 (100% of 25% local cost share)

Project Location:

100% of the proposed project occurs in Goodhue County primarily in the areas that were initially descope from the Congressionally Directed Spending proposal that came from Angie Craig's office. The townships that benefit from the project include Zumbrota Township, Goodhue Township, Featherstone Township, a small portion of Hay Creek Township and Belvidere Township.

If your organization is awarded funding, will your project use all appropriated funds during FY26 (10/1/25 - 9/30/26)?

If the appropriations bill passes, the applicant (Nuvera) intends to use all the funds in fiscal year 2026.

Is the primary intended use of funding a construction project?

The intention of the use of the CPF funds is for a Fiber to the Premises telecommunications construction project in Goodhue County, MN.

Project Description:

The project seeks to replace the copper part of Nuvera's existing exchange in Goodhue County with 1 GB symmetrical capable fiber to the home. After this installation and the construction of the White Rock West Border to Border round 10 award combined with the preexisting commitment of the Congressionally Directed Spending project targeting Mazeppa, Hay Creek, and Belvidere Mills, Nuvera will be nearly 100% fiber in all their

exchanges in Goodhue County MN. There are 4 remotes titled HDT503, HDT506 & HDT512 that will service customers in the Goodhue exchange, as well as the HDT703 remote that will serve the exchange in Mazeppa. The project will benefit a total of 214 rural subscribers who upon researching BDC filings and fabric hex data queries, do not have access to reliable wireline service greater than 25 mbps down and 3 mbps up.

Project Justification:

Nuvera has been in extensive communications with outside partner Finley Engineering Company Inc. regarding the referenced areas of its Goodhue and Mazeppa exchange. Many attempts have been made to build these project areas, which were initially included in the Congressionally Directed Spending (CDS) project proposed by Angie Craig's office. These areas have been descoped from the project for a variety of reasons through the years as the CDS project has been delayed numerous times. As a result of the challenges experienced in this area, the BDC and FCC fabric data demonstrate that this area lacks service under the USDA Reconnect guidelines of 25/3 Mbps, furthering the justification to extend service to this area.

Additionally, the opinion of the cost estimates provided by Finley Engineering indicate there to be extensive cost associated with rock boring, for the BM60 unit in the amount of 5% for cobbles and at least half a % point for hard rock minerals in the area. Furthermore, construction cost estimates expect the project to cost an average of \$19,823 per subscriber and \$84,302 per fiber route mile. The amount of rock and sedimentary deposits in the proposed project area combined with its rurality of only 4.25 subscribers per mile make it an ideal candidate for CPF funding consideration in Congressional District 1.

Estimated Start and End Dates:

Given the expectation that the State appropriation bill will fund the CPF program, the project will be in line with timelines posted on the notice for October 1st, 2025, start date and September 30th, 2026, for project closeout date. Project schedules could be made available on request but will obviously depend on the timeliness of an appropriations bill in this budget year.

Specifically, how will the funds be used? Please use as much detail as possible.

The funds will be used to help alleviate the expensive cost of construction given the areas geologic topography. Expenditures will be listed to industry standard as units in the RUS form "515 specifications of buried plant" where funds will be directed to support the following labor and material categories including, but not limited to:

- Mainline construction costs such as fiber, conduit BM70's, BM71's, BM60's and BM53's for signage.
- Pedestals and handholes to house splice casings for both mainline and drop related splicing as required by engineering design.
- Drop cabling and cutover costs for customers both labor and materials.
- Customer premise equipment such as NIDS, grounds & splicing, modems and routers both materials and labor.

- Electronics and optics such as splitters, chassis and Calix E7 shelves as required in the XGS-PON network design parameters.

How does this program impact Minnesota 1st Congressional district, and/or Minnesota in general? Please be as specific as possible.

The project will add many benefits to the quality of life for residents of Minnesota's 1st Congressional district such as fast internet access enabling seamless video calls and remote work. The remote work capability attracts skilled workers previously unavailable to work in this rural area. Additionally, increased service and speed will benefit local businesses tremendously, providing them with increased efficiency in their operations.

The effects further translate to education in school and workforce development opportunities for employees enabling remote education potential in both public classrooms and in the private sector. Finally, fiber has been described as a future proof technology capable as via evolving PON technology, it is scalable to adapt throughout time, further strengthening infrastructure demands related to energy efficiency, emergency services, and smart and precision agriculture all critical components to the constituents of Congressional District 1 in Minnesota.

Are there any additional materials to accompany this proposal? If so, briefly describe.

Nuvera has included a map of the potential CPF project area, referencing the many claims and other funding commitments made in this narrative. This map will help to put into perspective the existing public funding commitments in the area, as well as outline the newly identified CPF project location for transparency purposes.

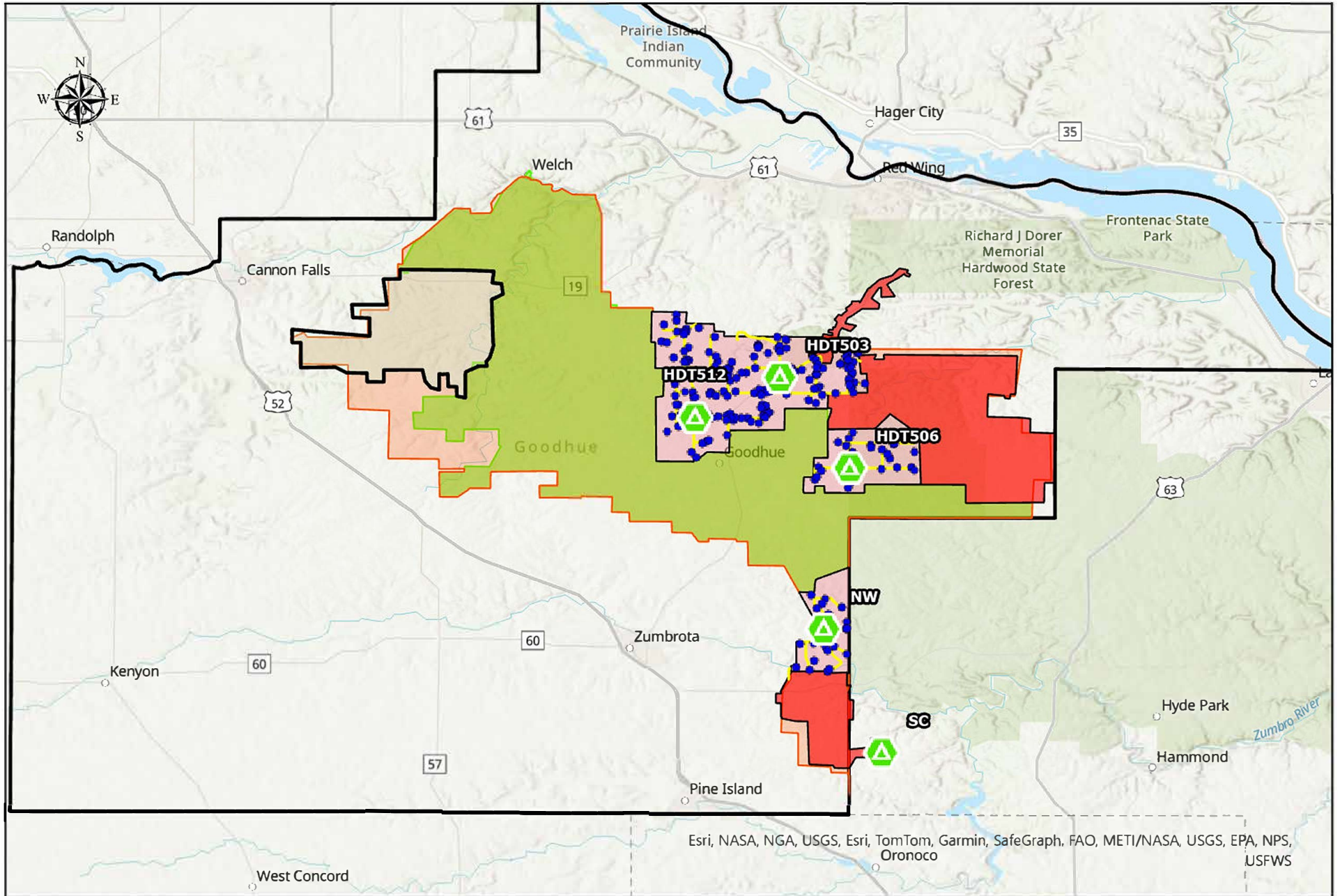
Describe the firm's qualifications to successfully complete this project, including examples of similar completed projects. This information may be provided in a separate document.

Nuvera Communications, Inc. is an Internet Service Provider based in New Ulm, MN, with over 115 years of experience delivering telephone, voice, and internet services across Minnesota and Iowa. The telecom segment of Nuvera's business includes six ILECs—Nuvera Communications, Inc.; Scott-Rice Telephone Co.; Hutchinson Telephone Company; Peoples Telephone Company; Sleepy Eye Telephone Company; and Western Telephone Company—as well as two CLECs operating in Redwood Falls and Litchfield/Cologne, Minnesota.

Through these ILECs and CLECs, Nuvera serves the communities of Bellechester, Courtland, Elko New Market, Essig, Evan, Glencoe, Goodhue, Hanska, Hutchinson, Klossner, Litchfield, Mazeppa, New Ulm, Prior Lake, Redwood Falls, Sanborn, Savage, Searles, Sleepy Eye, Springfield, Webster, and White Rock, along with the surrounding rural areas of Blue Earth, Brown, Goodhue, McLeod, Meeker, Nicollet, Redwood, Scott, Rice, and Wabasha counties in south-central Minnesota.

Nuvera has strong familiarity with state and federally funded broadband programs of similar scale possessing experience in several Minnesota State Border to Border project rounds, and as a co-applicant of a Congressionally Directed Spending partnership with Goodhue County occurring in 2024. Nuvera was a participant in the original ACAM 1 & 2 auction and has maintained a good record of compliance fulfilling all its ACAM related obligations.

Nuverera CPF Funding | Goodhue County, MN



Esri, NASA, NGA, USGS, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Legend

- Nuvera Fiber
- CPF Eligible Subscribers
- ▲ Nuvera Field Remotes
- White Rock West State BTB RND 10
- Goodhue County CPF PFAS
- Goodhue County CDS
- Nuvera Goodhue Exchange
- FiberGoodhueCounty
- GoodhueCountyMN



Proposal

Goodhue County FTTH Unincorporated Cannon Falls to Lake City

Mediacom LLC

FY26 CPF APPLICATION QUESTIONS – BROADBAND

Complete Name, Address and Contact Information for Responding Firm:

Name: Mediacom LLC

Address: 1 Mediacom Way, Mediacom Park, NY 10918

Contact Information:

Christopher Lord, Sr. Director of Government Partnerships – 850.934.2551 – clord@mediacomcc.com

Brittni Siebenaler, Analyst, Government Partnerships – 507.837.4877 – bsiebenaler@mediacomcc.com

Name of Proposal: Goodhue County FTTH – Unincorporated Cannon Falls to Lake City

Total Project Cost: \$15,898,047.83

Amount requested from CPF (equal to 75% of total project cost): \$11,891,739.78

Responding firm’s contribution to 25% local cost share: \$4,006,308.05

Project Location: This project will be built outside of Cannon Falls and interconnects outside of Lake City in Goodhue MN. Please see Attachment A: PDF Map for the full location details.

If your organization is awarded funding, will your project use all appropriated funds during FY26 (10/1/25 - 9/30/26)?

Yes, all funds for this project will be appropriated and utilized prior to 9/30/2026.

Is the primary intended use of funding a construction project?

Yes, the entire funding for this project will be utilized for construction Fiber-to-the-Premises (FTTP) broadband system.

Project Description:

For this project, Mediacom will deploy a 155-mile Fiber-to-the-Premises (FTTP) system. This system will initially be deployed as a 10G XGS-PON solution (the “X” represents the number 10, the “G” stands for gigabit, the “S” stands for symmetrical, and the “PON” (passive optical networks). This system will be capable of delivering multi-gigabit download and upload speeds to 841 unserved or underserved locations identified in the project service area in and around Cannon Falls and terminating outside of Lake City. The locations identified in this project currently do not have access to a broadband provider that offers speeds over 100/20, based upon current available data sources.

The optical line terminal (OLT) hardware Mediacom deploys is pre-built to support 25G PON, which allows for cost-effective upgrades when there is a system need. When building a new FTTP network, we place an OLT facility in or near the primary service market, equipped with backup power and a transfer switch capable of connecting a portable generator in extreme cases such as natural disasters. Each OLT will have fiber optic connectivity to clusters of homes and businesses, each with a fiber access terminal

at the right of way of the connecting property. For homes or businesses that choose to become customers, Mediacom will build from that right-of-way point to the home or business and provide them with a fiber optic network terminal (ONT) at their premises.

This style of connection will allow us to offer several different speed tiers, with our top tier being 2000/1000 Mbps (2 Gbps Internet) with unlimited data. This network is equipped to handle multi-gigabit speeds that can be supported on an individual case basis up to and including a dedicated XGS-PON 8.5 Gbps service. At the customer premises, the customer will have access to managed Wi-Fi services to ensure whole-home coverage. Business customers will have access to our full suite of business products, including private network connectivity both locally and nationally.

This means that the network we are launching in this area will be something that can last many years in the future without major infrastructure changes. However, as technology changes and areas need arise, this network can be upgraded and adjusted with minimal overall changes.

This project will interconnect with our existing fiber system that runs throughout Minnesota and our other twenty-one served states. Currently, we provide broadband services in numerous counties in Minnesota, including Goodhue County, and our networks have routed diverse backhaul. Mediacom's backup route is also 100 Gbps, as we hold ourselves to a full bandwidth backup requirement.

This new infrastructure in this project will bring 2,000/1,000 Mbps fiber to the targeted service area. This FTTP system will reliably deliver well over the required minimum of 100 Mbps symmetrical speeds to every home, business, or community anchor in this grant application. We are confident in this because of the style of the network being delivered and the engineering on the backend. As a testament to our sound engineering practices, we're proud to brag that Mediacom achieved the best performance of all ISPs vs. advertised speeds in the latest FCC Measuring Broadband America report, as depicted in chart 4 from their report.

<https://www.fcc.gov/reports-research/reports/measuring-broadband-america/measuring-fixed-broadband-eleventh-report>

This robust system will allow us to deliver high-quality FTTP broadband service to all BSLs and CAIs in the project area. This project will deliver speeds up to 2,000/1,000 Mbps, well over the required 100/20 Mbps speeds required by the BEAD guidelines, as well as a latency that is sub 35ms on average, well under the required 100ms required on 95% of the latency test measurements during testing windows. This will also meet the requirement to be able to provide 1 Gigabit per second download and upload speeds for CAIs and allow for business connections.

Based upon our network design described above, with redundant fiber connection points and a robust existing network and workforce, we can ensure that the funded network's outages will not exceed, on average, 48 hours over any 365-day period except in the case of natural disasters or other force majeure occurrences. For all our systems, grant-funded or non-grant-funded, we have a network monitoring department that keeps close tabs on the quality of service being provided from our head-end locations to our end users. This monitoring is done by a mixture of automated tools and manually processed by our HFC NOC team, which monitors outages as well as network degradation across our entire footprints. Using an alarm-based system, we ensure that any network issue can be quickly identified and tracked down to a local level. This team works 24/7 to ensure that network errors are promptly addressed.

When an issue is detected in the network, our HFC NOC team notifies our local technician and maintenance staff to start the process of resolving the network issue. As of last year, our average time for network outage detection to a tech in route is 11.68 minutes. Once the restoration technicians are notified, HFC NOC notifies field management, including engineering directors, regional operations vice presidents, and technician management regarding the issue based upon size and consumer impact. These key management members receive updates every few hours regarding the status of the outage, the restoration efforts, and any possible issue that may arise. Once the outage is resolved, we track the resolution outcome to identify any potential network issues that need to be addressed.

Large-scale fiber issues are managed by our Global NOC. This group engages with our IP Operations team to minimize downtime. We have a strong network of redundancy built into the network, and in specific circumstances, we can route traffic to minimize the network impact and ensure that subscribers remain online during large-scale issues that may impact Mediacom's backbone fiber. This increases the ability of Mediacom to provide quality broadband service with high reliability throughout our footprint.

While we are well equipped for day-to-day issues that may occur with the large amount of fiber we have running through the country, we are also well equipped to deal with large weather events or other catastrophic issues that impact our network. We have teams across our 22-state footprint that have been trained to respond to large-scale events quickly and efficiently. When these events occur, a management bridge is opened so all levels of management can be aware of what is occurring. Following the conclusion of the event, we work with local law enforcement and power to ensure it is safe for us to enter an area and start our restoration. We have teams trained that will know what to look for, ensure safety compliance, and work with residents, businesses, and community leaders to bring connectivity back online as quickly as possible. Being in 22 states, we have experience with everything from hurricanes, flooding, tornadoes, and any other kind of issue that could occur, so we are equipped to respond. In our work following Hurricane Michael in 2018, derechos across Iowa in 2020, or several other major weather events, Mediacom has shown a community commitment to each area, resiliency, and a dedication to restore networks and bring residents, businesses, and community anchors back online in a timely manner.

Based upon our project plans here, this project has a timeline of 16 months from design to completion, with additional contingency time already built into the project. We anticipate building this project as a mixture of underground and aerial, going aerial where feasible but going underground, using methods such as directional bore and other established techniques. Based upon a high-level design, we anticipate the project to be primarily underground due to some make-ready concerns with the current aerial pole line. If make-ready can be done with minimal delay, we will go aerial, but we anticipate much of the work to be done underground. All our underground fiber will be placed in conduit to protect the fiber and minimize any potential disruptions of service.

As a broadband service provider already operating in Goodhue County, Mediacom has existing franchise agreements to operate in the right of way. We have a strong track record of working with municipalities on all required permitting to ensure a smooth project construction and operation. We are confident in our ability to construct and operate a strong fiber network in Goodhue County that will provide residents to a fast and reliable broadband service.

Project Justification:

This project focuses on providing broadband service to unserved and underserved locations while expanding fiber miles throughout the County. As identified in the Minnesota & FCC broadband maps, there are many unserved and underserved locations in and around Cannon Falls and Lake City, Minnesota in Goodhue County. This project will expand a high-quality fiber to the home service to those locations that will provide a long-lasting connection that will be fully upgradable as technology advances and speeds increase. Our costs will only be used for the construction of the network as evidenced by our provided budget detail sheet.

Due to the lack of quality broadband, residents have a hard time keeping up with the fast-moving modern world. From telehealth appointments and remote education to remote work, a lack of a quality broadband connection puts these residents at a major disadvantage. This project will bring these residents up to speed with current technology and the network being built upgradable so these residents can stay connected and up to date as technology and speeds increase.

Estimated Start and End Dates: Estimated Start: March 10, 2025 - Estimated End: August 1, 2026

Specifically, how will the funds be used? Please use as much detail as possible.

The funds for this project will be used to construct a fiber-to-the-home network in the proposed service area of Goodhue County, Minnesota. This includes all equipment, such as fiber, pedestals, optical line terminals, and other necessary components, as well as the labor involved in the project. Please see Attachment B: Budget Details to see the full estimated budget breakdown of costs by line item.

How does this program impact Minnesota 1st Congressional district, and/or Minnesota in general? Please be as specific as possible.

This project will directly impact Minnesota's 1st Congressional District as well as Minnesota in general. The first major impact is the number of residents who currently do not have access to high quality broadband service. This project will connect a minimum of 841 locations that currently do not have access to this level of broadband service. With the speed and reliability offered by this project, residents will be able to work online, attend remote education, have telehealth appointments, run businesses online, and engage in other activities that will improve the quality of life.

The second major impact is the increase of fiber infrastructure in the area. This project adds a total of 155 miles of fiber, allowing for future fiber growth and expansion into other parts of the County and the 1st Congressional District.

The third major impact is for residents who cannot afford broadband. In all of Mediacom's service areas, including this newly proposed project, we offer XtreamConnect, our low-cost broadband service launched following the close of the Affordable Connectivity Program (ACP). For qualifying residents, this service provides a 100/20 Mbps broadband package for only \$14.99/month. More information about the XtreamConnect program can be found in Attachment D: XtreamConnect Program or on our website here: <https://mediacomcable.com/xtream-connect/>.

This network will have a large impact on Minnesota's 1st Congressional District and Minnesotans as a whole.

Are there any additional materials to accompany this proposal? If so, briefly describe.

Yes, we have attached a number of documents and attachments. The includes the following:

- Attachment A - PDF Map
 - This is a map of the project area identifying the fiber route and eligible homes.
- Attachment B - Budget Details
 - This is the budget details for the project in a line-item format.
- Attachment C - Detailed Timeline
 - This is a summary breakdown of our anticipated timeline.
- Attachment D - XtreamConnect Flyer
 - This is a flyer that shows our XtreamConnect program, the low-cost program we offer.
- Attachment E - Qualifications
 - This is a list of similar fiber broadband expansion projects we have undertaken.

Describe the firm's qualifications to successfully complete this project, including examples of similar completed projects. This information may be provided in a separate document.

Mediacom is the 5th largest cable provider in the nation, providing broadband service to over 1 million locations across the country. We have provided broadband service for over 20 years, offering cutting-edge speeds along the way. From our history of launching internet with speeds of 10 Mbps download to offering fiber systems with speeds of 2 Gbps download and 1 Gbps upload, Mediacom has a long history of providing high-quality broadband services to primarily rural locations across 22 states.

Mediacom has long prided itself on the quality of our network. We maintain an average uptime of 99.998%. We are confident in our network because of the style of the network being delivered and the engineering on the backend. As a testament to our sound engineering practices, we're proud to note that Mediacom achieved the best performance of all ISPs versus advertised speeds in the latest FCC Measuring Broadband America report, as depicted in chart 4 of their report. Throughout our service territory, we have a strong network that has proven to be resilient for years of service. We continually work to upgrade our networks to not only maintain quality but to always push for the best quality product we can provide for our customers.

As another testament to our operational capability, we have a long history of successful local, state, and federal grant awards that prove our capabilities in expanding and maintaining a high-quality broadband network. We currently have completed or have in progress 50 total broadband expansion grant projects with an estimated total grant funding of \$106 million to build 2,937.69 miles of fiber. These projects will bring high-quality broadband to an estimated 35,658 unserved and underserved locations, and Mediacom is estimated to invest a total of \$98 million of private capital in these areas to build these networks. These projects span across the states of Alabama, Delaware, Florida, Georgia, Iowa, Illinois, and Minnesota. All of our grant projects were either closed out successfully or are in progress, and we

have had no clawbacks or issues with our projects. We were also awarded grants under the Rural Digital Opportunity Fund (RDOF) to expand service into four states: Alabama, Georgia, Florida, and North Carolina, adding an additional \$14 million in grant funding. These grants, being a mixture of local, state, and federal awards, have a mixture of rules and reporting requirements, and we have been able to comply with all of them to keep the projects moving forward.

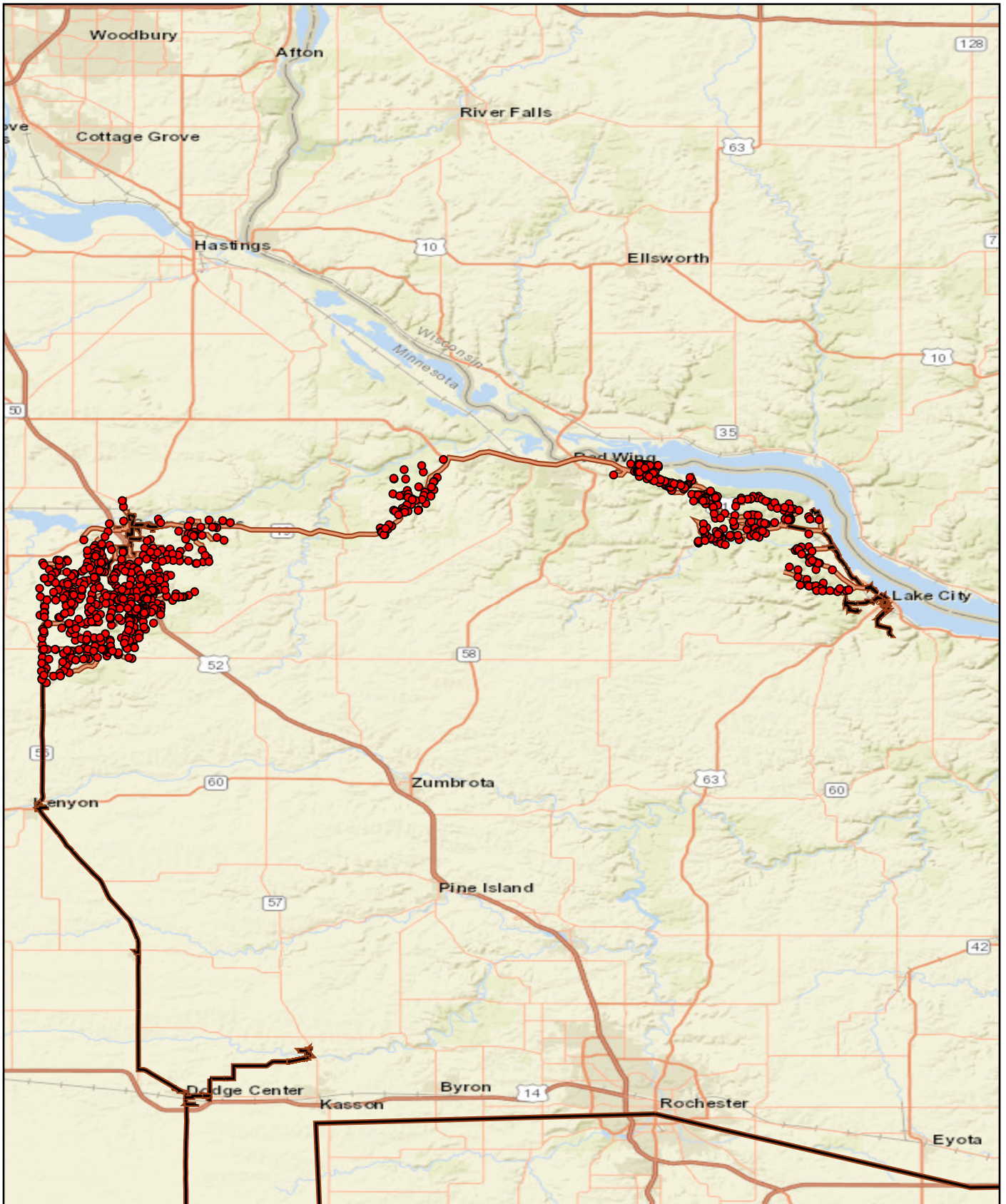
Our Executive Team is made up of our CEO Rocco Comisso, our EVP and CFO Jack Griffin, and EVP of Operations John Pascarelli. Under their direct leadership, we have teams in engineering, construction, operations, marketing, tax, finance, legal, and customer service that work to ensure all aspects of the business run smoothly. Under their combined nearly 70 years of leadership, Mediacom has expanded and grown into the 5th largest cable company, spanning across 22 states and encompassing thousands of miles of fiber running across the United States. Mr. Comisso, Mr. Griffin, and Mr. Pascarelli work to ensure all projects are sustainable, efficient, and within regulation.

On the construction side, the key management directly involved with these projects will be our Vice President of Engineering and Product Delivery, Adam Schmidt, and the Sr. Director of Construction, Special Projects, Brian Kadner. These individuals have been with Mediacom for a combined 58 years and have overseen all kinds of construction projects and special projects, equipping them for the challenges faced with BEAD grants. Mr. Schmidt currently oversees all engineering and construction for the company to ensure that all projects stay on task and within project specifications. Mr. Kadner works directly with special projects, such as our existing grant projects and any new projects under BEAD, working with our construction teams and subcontractors to ensure quality construction on a timely basis. All issues or concerns on the construction side are directly managed by Mr. Kadner. He has successfully completed or is in the process of completing over 2,000 miles of construction through grant projects in Delaware, Alabama, Georgia, Iowa, and Minnesota.

On the operations side, the key management directly involved with these projects will be our Group Vice President of Operations, Steve Purcell, and our Regional Vice President of Operations, Rod Cundy. With over 30 years of experience at Mediacom, Mr. Purcell and Mr. Cundy are well-versed in leading a strong team consisting of marketing, finance, and operations that manage the day-to-day operations of our systems in Minnesota and other states. Supported by marketing directors, finance directors, area operations directors, and support staff, the team on the ground knows the area and what to expect from large- and small-scale projects.

To successfully manage our grant projects, our Government Partnership Team is led by Thomas Larsen, Senior Vice President of Government and Public Affairs, and Christopher Lord, Sr. Director of Government Partnership Opportunities. With a combined experience of 36 years with Mediacom, the grants team has written over 30 successfully funded grant applications with local, state, or federal support, totaling over \$120 million in grant funding. Under Mr. Larsen's leadership, the team is knowledgeable and well-versed in grant writing, management, and compliance.

Organizationally, we have a strong track record of effective build-out and expansion, and we are confident in our abilities to continue expanding. Our teams are in place and ready to move forward to bring high-quality broadband service to unserved and underserved residents of Goodhue County.



- Goodhue_Unserved
- Goodhue_Fiber
- Fiber_Interconnect

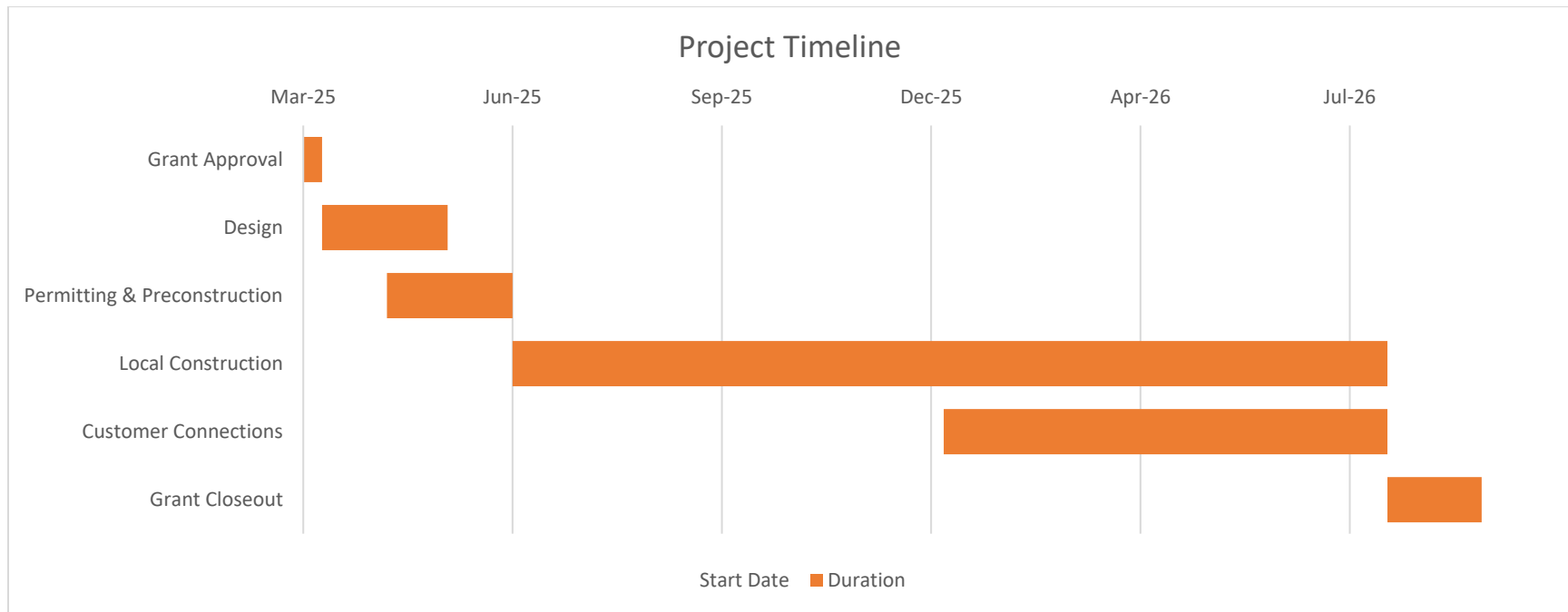
<p>Goodhue County FTTH Unincorporated Cannon Falls to Lake City</p>	
<p>Esri, HERE, Garmin, NGA, USGS, NPS</p>	
	<p>2025</p>

Mediacom[®]

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Goodhue - Project Budget

Cost Item	Category	Total Cost	Grant Funds Requested	Applicant Match
OSP Engineering	Architectural and Engineering Fees	\$ 823,257.60	\$ 617,443.20	\$ 205,814.40
Design Engineering	Architectural and Engineering Fees	\$ 148,186.37	\$ 111,139.78	\$ 37,046.59
Underground Labor	Construction	\$ 9,055,833.60	\$ 6,760,079.11	\$ 2,295,754.49
Construction Management	Construction	\$ 205,814.40	\$ 154,360.80	\$ 51,453.60
Prevailing Wage	Construction	\$ 3,169,541.76	\$ 2,377,156.32	\$ 792,385.44
Install Labor	Construction	\$ 37,050.00	\$ 27,787.50	\$ 9,262.50
Drop Bury Labor	Construction	\$ 49,400.00	\$ 37,050.00	\$ 12,350.00
Conduit	Equipment	\$ 288,140.16	\$ 216,105.12	\$ 72,035.04
Fiber/Copper	Equipment	\$ 1,728,840.96	\$ 1,296,630.72	\$ 432,210.24
Nokia SF-8M R-OLT (Made in USA)	Equipment	\$ 52,200.00	\$ 39,150.00	\$ 13,050.00
CWDM SFP+	Equipment	\$ 9,000.00	\$ 6,750.00	\$ 2,250.00
PON Optics (Made in USA)	Equipment	\$ 15,300.00	\$ 11,475.00	\$ 3,825.00
Rack Mount	Equipment	\$ 405.00	\$ 303.75	\$ 101.25
Power Cable	Equipment	\$ 900.00	\$ 675.00	\$ 225.00
Cisco NCS5440	Equipment	\$ 30,226.05	\$ 22,669.54	\$ 7,556.51
CWDM SFP	Equipment	\$ 6,930.00	\$ 5,197.50	\$ 1,732.50
Jumpers	Equipment	\$ 1,242.00	\$ 931.50	\$ 310.50
ONT (aka ONU)	Equipment	\$ 38,285.00	\$ 28,713.75	\$ 9,571.25
Gateway (router)	Equipment	\$ 14,573.00	\$ 10,929.75	\$ 3,643.25
Average Fiber Drop Cost	Equipment	\$ 22,971.00	\$ 17,228.25	\$ 5,742.75
SDU	Equipment	\$ 2,223.00	\$ 1,667.25	\$ 555.75
Alpha 60A Mini-DC Plant	Equipment	\$ 23,247.00	\$ 17,435.25	\$ 5,811.75
Alpha DC Plant Batteries	Equipment	\$ 10,620.00	\$ 7,965.00	\$ 2,655.00
Phoenix DC Plant Monitoring	Equipment	\$ 12,375.00	\$ 9,281.25	\$ 3,093.75
American Buildings Shelter & Ventilation	Equipment	\$ 56,584.35	\$ 42,438.26	\$ 14,146.09
Mini-DC Plant Outlets	Equipment	\$ 15,220.80	\$ 11,415.60	\$ 3,805.20
ATS & Concrete Pad & Piers	Equipment	\$ 36,000.00	\$ 27,000.00	\$ 9,000.00
Graybar DC Wire, Lugs and Install Materials	Equipment	\$ 17,427.78	\$ 13,070.84	\$ 4,356.95
Nixon ATS for Portable Generator	Equipment	\$ 26,253.00	\$ 19,689.75	\$ 6,563.25
Totals	Equipment	\$ 15,898,047.83	\$ 11,891,739.78	\$ 4,006,308.05



Detail and Deliverables:

Milestone #1: Grant Approval

- Expected Timeline: March 2025

Milestone #2: Design

- Expected Timeline: March 2025 – May 2025
- Deliverables:
 - Complete walkout of project areas to determine preferred aerial or underground routes.
 - Contact local pole owners to secure attachments on any poles that will be used for the project.
 - Deliverables: All projects will be reviewed and sent to design for final design and delivered to our construction team

- Deliverables: Make contact with all municipalities impacted by project in order to discuss the network expansion and ensure compliance with local ordinances.

Milestone #3: Permitting & Pre-Construction

- Expected Timeline: April 2025 – June 2025
- Deliverables:
 - Following design, we will request purchase orders to ensure all parts and materials are ordered and allocated.
 - Our construction team will request all permitting that will be required from DOT and other departments.

Milestone #4: Local Construction

- Expected Timeline: June 2025 – August 2026
- Deliverables:
 - Local construction will begin from the interconnect point into the local municipalities to the end user.
 - All fiber plant will have a quality control audit to ensure all plant is meeting the standards set to deliver service.

Milestone #5: Customer Connections

- Expected Timeline: January 2026 – August 2026
- Deliverables:
 - Potential locations will be notified that service is available and be provided with contact information to sign up.
 - Local municipalities will be contacted and informed the customer sign-ups are now open.
 - We will work with municipalities on any adoption plans they have.
 - Customer installations will begin based upon the customer's availability and needs.

Milestone #6: Grant Closeout

- Expected Timeline: August 2026 – September 2026
- Deliverables:
 - All paperwork and grant documents will be submitted and turned in to Florida Broadband Office to close the grant.



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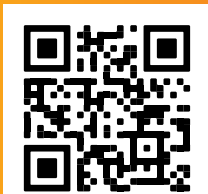
/mo.

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[†]Internet service is subject to a downstream monthly usage allowance and certain speed reductions. See <https://mediacomcable.com/openinternet> for information on factors that could cause speeds to vary.

Project	State	Speed	Latency	Geographic Area	Number of Unreserved or Underserved Locations	Public Funding	Maximum cost of service to consumer	Match Commitment	Status	Public Entity
Hwy 90 Subdivision	AL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Baldwin County	97	\$ 36,812.65	\$ 179.99	\$ 68,366.35	Completed	ADECA
Joe Carter Rd.	AL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Baldwin County	17	\$ 2,297.00	\$ 179.99	\$ 6,900.00	Completed	ADECA
Cypress Bay West	AL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Baldwin County	57	\$ 19,992.70	\$ 179.99	\$ 37,129.30	Completed	ADECA
Charmont Subdivision	AL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Baldwin County	121	\$ 59,789.10	\$ 179.99	\$ 111,036.90	Completed	ADECA
Wesley	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Kossuth County	194	\$ 46,191.48	\$ 179.99	\$ 261,751.52	Completed	IA OCIO
Cushing	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Woodbury County	114	\$ 134,200.57	\$ 179.99	\$ 134,200.57	Completed	IA OCIO
Schaller	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Sac County	375	\$ 355,485.84	\$ 179.99	\$ 355,485.84	Completed	IA OCIO
Meservey	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Cerro Gordo County	105	\$ 221,395.93	\$ 179.99	\$ 221,395.93	Completed	IA OCIO
Huntland	TN	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Franklin County	443	\$ 125,000.00	\$ 179.99	\$ 414,745.00	Completed	Private/County
Valley View Estates	IL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	Rock Island County	29	\$ 52,433.50	\$ 179.99	\$ 52,433.50	Completed	Connect IL
Dewey	IL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Champaign County	67	\$ 117,054.00	\$ 179.99	\$ 117,054.00	Completed	Connect IL
Wolf Creek Acres	IL	1,000 Mbps (DL)/ 50 Mbps (UL)	22ms	LeSalle County	28	\$ 45,905.00	\$ 179.99	\$ 45,905.00	Completed	Connect IL
Sussex County	DE	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Sussex County	1595	\$ 7,738,848.23	\$ 179.99	\$ 2,453,499.54	Completed	DE OCIO
Deloit	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Crawford County	280	\$ 62,207.71	\$ 179.99	\$ 425,695.29	Completed	IA OCIO
NOFA007	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Hamilton County	289	\$ 334,447.29	\$ 179.99	\$ 696,695.48	Completed	IA OCIO
Crawford	WI	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Crawford County	262	\$ 256,685.50	\$ 179.99	\$ 256,684.50	Completed	WI Broadband Office
Keswick	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Keokuk County	294	\$ 88,519.59	\$ 179.99	\$ 532,670.41	Completed	IA OCIO
Franklin	IL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Morgan County	239	\$ 210,805.50	\$ 179.99	\$ 210,805.50	Completed	Connect IL
Edgewood	IL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Marion County	248	\$ 249,424.00	\$ 179.99	\$ 249,424.00	Completed	Connect IL
Atmore/Bay Minette	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Escambia County	1763	\$ 4,057,134.18	\$ 179.99	\$ 4,958,719.56	In Process	State Agency Funds
Seminole County	GA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Seminole County	1908	\$ 7,805,777.37	\$ 179.99	\$ 5,652,459.47	In Process	Capital Projects
Mobile 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Mobile County	2824	\$ 3,101,275.61	\$ 179.99	\$ 7,236,309.75	In Process	State Agency Funds
Baldwin County	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Baldwin County	1896	\$ 2,919,349.96	\$ 179.99	\$ 5,421,649.93	In Process	State Agency Funds
Mobile 02	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Mobile County	1715	\$ 3,312,087.60	\$ 179.99	\$ 4,968,131.41	In Process	State Agency Funds
Decatur County	GA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Decatur County	3698	\$ 13,351,884.50	\$ 179.99	\$ 10,924,269.14	In Process	Capital Projects
Thomas County	GA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Thomas County	2654	\$ 7,184,385.81	\$ 179.99	\$ 7,783,084.63	In Process	Capital Projects
Escambia Project 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Escambia County	1808	\$ 3,472,316.71	\$ 179.99	\$ 5,665,358.84	In Process	Capital Projects
Monroe Project 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Monroe County	515	\$ 2,496,011.68	\$ 179.99	\$ 1,666,088.84	In Process	Capital Projects
Clarke Project 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Clarke County	647	\$ 3,717,745.35	\$ 179.99	\$ 1,356,982.13	In Process	Capital Projects
Baldwin Project 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Baldwin County	943	\$ 4,398,148.96	\$ 179.99	\$ 4,764,661.38	In Process	Capital Projects
Escambia Project 02	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Escambia County	602	\$ 1,447,560.45	\$ 179.99	\$ 2,171,340.67	In Process	Capital Projects
Baldwin Project 02	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Baldwin County	693	\$ 2,067,195.32	\$ 179.99	\$ 3,100,792.98	In Process	Capital Projects
Mobile Project 01	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Mobile County	2443	\$ 4,579,962.27	\$ 179.99	\$ 7,472,570.02	In Process	Capital Projects
Reston_FTTH	FL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Gadsden County	152	\$ 172,278.00	\$ 179.99	\$ 234,739.23	In Process	Capital Projects
Chunchula	AL	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Mobile County	246	\$ 720,905.03	\$ 179.99	\$ 308,959.30	In Process	Capital Projects
SOW 2	DE	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Sussex County	354	\$ 1,507,778.81	\$ 179.99	\$ 724,485.69	In Process	CARES Funding
NOFA008	IA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Multiple	1747	\$ 18,303,669.00	\$ 179.99	\$ 4,074,970.75	In Process	Capital Projects
Lake County FTTH	CA	2,000 Mbps (DL)/ 1,000 Mbps (UL)	22ms	Lake County	907	\$ 8,430,310.83	\$ 179.99	\$ 2,195,077.70	In Process	Capital Projects