

# Maine



Type	Amount	Grantee
Infrastructure	\$25,402,904	<a href="#">Biddeford Internet Corp. (d.b.a. GWI)</a>
Public Computer Centers	\$1,362,459	<a href="#">Maine State Library</a>
Infrastructure	\$62,540,162	<a href="#">University Corporation for Advanced Internet Development</a>
Sustainable Adoption	\$14,988,657	<a href="#">Communication Service for the Deaf, Inc.</a>
Broadband Mapping	\$1.8m	State of Maine, ConnectME Authority

[Biddeford Internet Corp. \(d.b.a. GWI\)](#)  
Infrastructure \$25,402,904  
Project serves: [Maine](#)

The Three Ring Binder project proposes to create an open access fiber-optic network extending to the most rural and disadvantaged areas of the state of Maine – from the Saint John Valley in the north, to the rocky coastline of downeast Maine, to the mountainous regions of Western Maine – linking the unserved and underserved areas of the state together with a modern communications network. The project proposes a 1,100-mile network that will pass through more than 100 communities make broadband more readily available to 110,000 households, 600 community anchor institutions, and a number of last mile service providers. The public-private partnership expects to provide 100 Mbps broadband capabilities for University of Maine campuses, community colleges, government facilities, public safety departments, the MaineREN research and education network, and rural healthcare clinics and hospitals. The project plans to benefit clinics and hospitals by allowing for more immediate contact with clinical healthcare specialists and by increasing the collaboration of local community-based healthcare providers with specialists in major metropolitan areas.

[Maine State Library](#)  
Public Computer Centers \$1,362,459  
Project serves: [Maine](#)

In Maine, where a majority of the population lives in rural areas, broadband access and videoconferencing services can be crucial for fostering economic development, expanding training opportunities, and providing support to community-serving organizations. The Maine State Library plans to upgrade public computer centers at as many as 107 public libraries statewide and increase the number of available broadband workstations by as much as 60 percent by deploying approximately 500 new workstations and upgrading an additional 150. It also plans to enhance training opportunities by deploying 11 video conferencing regional hubs and three mobile computer labs to enable hands-on training in remote rural locations. The project plans to leverage the resources of three existing Maine State Library programs, which aim to improve employment-related services offered by libraries and make legal information and services more accessible to the public.

[University Corporation for Advanced Internet Development](#)  
Infrastructure \$62,540,162  
Project serves: [Alabama](#), [Alaska](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#), [Louisiana](#), [Maine](#), [Maryland](#), [Massachusetts](#), [Michigan](#), [Minnesota](#), [Mississippi](#), [Missouri](#), [Montana](#), [Nebraska](#), [Nevada](#), [New Hampshire](#), [New Jersey](#), [New Mexico](#), [New York](#), [North Carolina](#), [North Dakota](#), [Ohio](#), [Oklahoma](#), [Oregon](#), [Pennsylvania](#), [Rhode Island](#), [South Carolina](#), [South Dakota](#), [Tennessee](#), [Texas](#), [Utah](#), [Vermont](#), [Virginia](#), [Washington](#), [West Virginia](#), [Wisconsin](#), [Wyoming](#)

As part of a longstanding project to connect essential community anchor institutions across the country, and facilitate closer collaboration and long-term benefits for education, research, healthcare, public safety, and government services, the University Corporation for Advanced Internet Development (UCAID) proposes a comprehensive 50-state network benefitting approximately 121,000 community anchors. The project proposes a large-scale, public-private partnership to interconnect more than 30 existing research and education networks, creating a dedicated 100-200 Gbps nationwide fiber backbone with 3.2 terabits per second (TBps) total capacity that would enable advanced networking features such as IPv6 and video multicasting. The project plans to connect community anchors across all disciplines into virtual communities with shared goals and objectives, including colleges, universities, libraries, major veterans and other health care facilities, and public safety entities, with additional benefits to tribes, vulnerable populations, and government entities.

[Communication Service for the Deaf, Inc.](#)  
Sustainable Adoption \$14,988,657  
Project serves: [Alabama](#), [Alaska](#), [American Samoa](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Commonwealth of the Northern Mariana Islands](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Guam](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#),

Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, U.S. Virgin Islands, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

Broadband's ability to expand educational and employment opportunities is especially meaningful for Americans who are deaf or hard of hearing, a community that faces unique challenges in education and that suffers from a rate of unemployment much higher than the national average. Communication Service for the Deaf, Inc. (CSD) intends to expand broadband adoption among people who are deaf and hard of hearing and provide them with online tools to more fully participate in the digital economy. The project proposes to employ a combination of discounted broadband service and specialized computers, technology training from an online state-of-the art support center customized to the community's needs, public access to videophones at anchor institutions from coast to coast, and a nationwide outreach initiative. Thousands will gain online access to all the Internet has to offer, including sign language interpreters, captioned video services, and other content and functionalities designed especially to advance their educational, employment, and healthcare interests.

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**State of Maine, ConnectME Authority Broadband Mapping Grant: \$1.8m**

## Vermont



Type	Amount	Grantee
Infrastructure	\$39,724,614	<a href="#">ION Hold Co., LLC</a>
Sustainable Adoption	\$2,525,675	<a href="#">Vermont Council on Rural Development</a>
Infrastructure	\$62,540,162	<a href="#">University Corporation for Advanced Internet Development</a>
Infrastructure	\$12,256,492	<a href="#">Vermont Telephone Company</a>
Infrastructure	\$33,393,402	<a href="#">Vermont Telecommunications Authority</a>
Sustainable Adoption	\$14,988,657	<a href="#">Communication Service for the Deaf, Inc.</a>
Broadband Mapping	\$1.2m	<a href="#">Vermont Center for Geographic Information, Inc.</a>

[ION Hold Co., LLC](#)  
 Infrastructure \$39,724,614  
 Project serves: [New York](#), [Pennsylvania](#), [Vermont](#)

The ION Upstate New York Rural Broadband Initiative proposes to build 10 new segments of fiber-optic, middle mile broadband infrastructure, serving more than 70 rural communities in upstate New York and parts of Pennsylvania and Vermont. The ION project plans to construct a 1,308-mile network to offer broadband speeds of one to 10 Gbps to serve more than 300 anchor institutions and immediately connect more than 100, including libraries, state and community colleges, state and county agencies, and health clinics. ION plans to extend its relationship with the New York State Office for Mental Health, along with the Basset Hospital and Healthcare System, to expand many of its telemedicine practices.

[Vermont Council on Rural Development](#)  
 Sustainable Adoption \$2,525,675  
 Project serves: [Vermont](#)

The Vermont Community Broadband Project plans to increase broadband Internet access and adoption in 24 small, mostly rural communities through a comprehensive effort combining broadband training, access, awareness, and planning. The Vermont Council on Rural Development and its project partners plan to train more than 1,800 individuals and distribute an estimated 1,200 computers to 4th and 5th grade students in these communities. The project will help teachers integrate broadband usage into lesson plans and implement a mentoring program in which middle and high school students help 4th and 5th grade students build Web sites with local content. The project's awareness campaign expects to reach 300,000 residents throughout Vermont via local and regional radio, newspaper and TV news stories, program announcements, and other communication tools.

[University Corporation for Advanced Internet Development](#)  
 Infrastructure \$62,540,162  
 Project serves: [Alabama](#), [Alaska](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#), [Louisiana](#), [Maine](#), [Maryland](#), [Massachusetts](#), [Michigan](#), [Minnesota](#), [Mississippi](#), [Missouri](#), [Montana](#), [Nebraska](#), [Nevada](#), [New Hampshire](#), [New Jersey](#), [New Mexico](#), [New York](#), [North Carolina](#), [North Dakota](#), [Ohio](#), [Oklahoma](#), [Oregon](#), [Pennsylvania](#), [Rhode Island](#), [South Carolina](#), [South Dakota](#), [Tennessee](#), [Texas](#), [Utah](#), [Vermont](#), [Virginia](#), [Washington](#), [West Virginia](#), [Wisconsin](#), [Wyoming](#)

As part of a longstanding project to connect essential community anchor institutions across the country, and facilitate closer collaboration and long-term benefits for education, research, healthcare, public safety, and government services, the University Corporation for Advanced Internet Development (UCAID) proposes a comprehensive 50-state network benefitting approximately 121,000 community anchors. The project proposes a large-scale, public-private partnership to interconnect more than 30 existing research and education networks, creating a dedicated 100-200 Gbps nationwide fiber backbone with 3.2 terabits per second (TBps) total capacity that would enable advanced networking features such as IPv6 and video multicasting. The project plans to connect community anchors across all disciplines into virtual communities with shared goals and objectives, including colleges, universities, libraries, major veterans and other health care facilities, and public safety entities, with additional benefits to tribes, vulnerable populations, and government entities.

[Vermont Telephone Company](#)  
 Infrastructure \$12,256,492

Project serves: [New Hampshire](#), [New York](#), [Vermont](#)

The VT BELL project is VTEL's plan to address a bandwidth and transport capacity shortage in the state's existing middle mile infrastructure in areas including Essex, Stowe, New Haven, and Berlin. Because this shortage has slowed the deployment of crucial resources necessary to promote long term educational and economic initiatives, such as distance learning networks, access to Internet2, and remote access to large databases and libraries, VT BELL proposes expanding VTel's existing fiber network to deliver up to 10 Gbps Ethernet broadband to more than 200 high schools; hospitals; colleges; universities; community colleges; rural, independent and large telephone companies; and public safety entities, including police barracks, statewide. The project also proposes to build the high speed network to Vermont's three highest peaks to enhance the Department of Public Safety's statewide microwave network for improved emergency communications in mountainous areas.

[Vermont Telecommunications Authority](#)

Infrastructure \$33,393,402

Project serves: [Vermont](#)

As a small, rural state with rugged terrain, Vermont has difficulty attracting broadband Internet providers, who are often unable to build profitable business models for serving the state. Vermont Fiber Link, a public-private partnership between the Vermont Telecommunications Authority (VTA) and Sovernet Fiber Corporation, a regional communications service provider, proposes to address this problem, focusing on Vermont's key community anchor institutions, such as K-12 schools, that lack affordable high speed Internet access. The project plans to build almost 800 miles of fiber broadband infrastructure and provide direct connections at speeds of up to 1 Gbps to as many as 340 anchor institutions statewide, including nine community colleges, 12 other institutions of higher learning, 30 public safety entities, and 53 libraries.

[Communication Service for the Deaf, Inc.](#)

Sustainable Adoption \$14,988,657

Project serves: [Alabama](#), [Alaska](#), [American Samoa](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Commonwealth of the Northern Mariana Islands](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Guam](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#), [Louisiana](#), [Maine](#), [Maryland](#), [Massachusetts](#), [Michigan](#), [Minnesota](#), [Mississippi](#), [Missouri](#), [Montana](#), [Nebraska](#), [Nevada](#), [New Hampshire](#), [New Jersey](#), [New Mexico](#), [New York](#), [North Carolina](#), [North Dakota](#), [Ohio](#), [Oklahoma](#), [Oregon](#), [Pennsylvania](#), [Puerto Rico](#), [Rhode Island](#), [South Carolina](#), [South Dakota](#), [Tennessee](#), [Texas](#), [U.S. Virgin Islands](#), [Utah](#), [Vermont](#), [Virginia](#), [Washington](#), [West Virginia](#), [Wisconsin](#), [Wyoming](#)

Broadband's ability to expand educational and employment opportunities is especially meaningful for Americans who are deaf or hard of hearing, a community that faces unique challenges in education and that suffers from a rate of unemployment much higher than the national average. Communication Service for the Deaf, Inc. (CSD) intends to expand broadband adoption among people who are deaf and hard of hearing and provide them with online tools to more fully participate in the digital economy. The project proposes to employ a combination of discounted broadband service and specialized computers, technology training from an online state-of-the-art support center customized to the community's needs, public access to videophones at anchor institutions from coast to coast, and a nationwide outreach initiative. Thousands will gain online access to all the Internet has to offer, including sign language interpreters, captioned video services, and other content and functionalities designed especially to advance their educational, employment, and healthcare interests.

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**Vermont Center for Geographic Information, Inc.** Broadband Mapping Grant: \$1.2m  
Vermont's Broadband Mapping Initiative is a collaborative broadband data collection and verification effort involving partners from the public, private and academic sectors participating as the Vermont Broadband Mapping Team. The Vermont Broadband Mapping Team will initiate the creation and development of a comprehensive and verified geographic inventory of broadband service availability in the State of Vermont. Landline and wireless services (fixed and mobile) will be mapped, including wireless voice and data with information from the providers and other sources. The broadband mapping information collected and verified through this effort will then support the broadband development objectives identified in the RUS Broadband Initiatives Program (BIP) and NTIA's Broadband Technology Opportunities Program (BTOP) in Vermont. Most importantly, the geographic inventory will further refine our understanding of the location of "unserved" and "underserved" areas in the state, thereby supporting targeted future investments in these areas.

# New Hampshire



Type	Amount	Grantee
Infrastructure	\$62,540,162	<a href="#">University Corporation for Advanced Internet Development</a>
Infrastructure	\$44,480,992	<a href="#">University System of New Hampshire</a>
Infrastructure	\$12,256,492	<a href="#">Vermont Telephone Company</a>
Sustainable Adoption	\$14,988,657	<a href="#">Communication Service for the Deaf, Inc.</a>

Type	Amount	Grantee
Broadband Mapping	\$1.7m	University of New Hampshire

## [University Corporation for Advanced Internet Development](#)

Infrastructure \$62,540,162

Project serves: [Alabama](#), [Alaska](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#), [Louisiana](#), [Maine](#), [Maryland](#), [Massachusetts](#), [Michigan](#), [Minnesota](#), [Mississippi](#), [Missouri](#), [Montana](#), [Nebraska](#), [Nevada](#), [New Hampshire](#), [New Jersey](#), [New Mexico](#), [New York](#), [North Carolina](#), [North Dakota](#), [Ohio](#), [Oklahoma](#), [Oregon](#), [Pennsylvania](#), [Rhode Island](#), [South Carolina](#), [South Dakota](#), [Tennessee](#), [Texas](#), [Utah](#), [Vermont](#), [Virginia](#), [Washington](#), [West Virginia](#), [Wisconsin](#), [Wyoming](#)

As part of a longstanding project to connect essential community anchor institutions across the country, and facilitate closer collaboration and long-term benefits for education, research, healthcare, public safety, and government services, the University Corporation for Advanced Internet Development (UCAID) proposes a comprehensive 50-state network benefitting approximately 121,000 community anchors. The project proposes a large-scale, public-private partnership to interconnect more than 30 existing research and education networks, creating a dedicated 100-200 Gbps nationwide fiber backbone with 3.2 terabits per second (TBps) total capacity that would enable advanced networking features such as IPv6 and video multicasting. The project plans to connect community anchors across all disciplines into virtual communities with shared goals and objectives, including colleges, universities, libraries, major veterans and other health care facilities, and public safety entities, with additional benefits to tribes, vulnerable populations, and government entities.

## [University System of New Hampshire](#)

Infrastructure \$44,480,992

Project serves: [New Hampshire](#)

Network New Hampshire Now (NNHN), spearheaded by the University System of New Hampshire, is a collaboration between state and local governments, non-profits, and private entities to bring a mix of wireline and wireless next-generation broadband services to community anchor institutions in all ten counties of New Hampshire, and to make broadband service more readily available to the state's households and businesses. NNHN plans to provide enhanced broadband services and speeds of up to 10 Gbps directly to approximately 200 community anchor institutions, including K-12 schools, libraries, higher education institutions, public safety agencies, and health care facilities.

## [Vermont Telephone Company](#)

Infrastructure \$12,256,492

Project serves: [New Hampshire](#), [New York](#), [Vermont](#)

The VT BELL project is VTEL's plan to address a bandwidth and transport capacity shortage in the state's existing middle mile infrastructure in areas including Essex, Stowe, New Haven, and Berlin. Because this shortage has slowed the deployment of crucial resources necessary to promote long term educational and economic initiatives, such as distance learning networks, access to Internet2,

and remote access to large databases and libraries, VT BELL proposes expanding VTel's existing fiber network to deliver up to 10 Gbps Ethernet broadband to more than 200 high schools; hospitals; colleges; universities; community colleges; rural, independent and large telephone companies; and public safety entities, including police barracks, statewide. The project also proposes to build the high speed network to Vermont's three highest peaks to enhance the Department of Public Safety's statewide microwave network for improved emergency communications in mountainous areas.

Communication Service for the Deaf, Inc.

Sustainable Adoption \$14,988,657

Project serves: [Alabama](#), [Alaska](#), [American Samoa](#), [Arizona](#), [Arkansas](#), [California](#), [Colorado](#), [Commonwealth of the Northern Mariana Islands](#), [Connecticut](#), [Delaware](#), [District of Columbia](#), [Florida](#), [Georgia](#), [Guam](#), [Hawaii](#), [Idaho](#), [Illinois](#), [Indiana](#), [Iowa](#), [Kansas](#), [Kentucky](#), [Louisiana](#), [Maine](#), [Maryland](#), [Massachusetts](#), [Michigan](#), [Minnesota](#), [Mississippi](#), [Missouri](#), [Montana](#), [Nebraska](#), [Nevada](#), [New Hampshire](#), [New Jersey](#), [New Mexico](#), [New York](#), [North Carolina](#), [North Dakota](#), [Ohio](#), [Oklahoma](#), [Oregon](#), [Pennsylvania](#), [Puerto Rico](#), [Rhode Island](#), [South Carolina](#), [South Dakota](#), [Tennessee](#), [Texas](#), [U.S. Virgin Islands](#), [Utah](#), [Vermont](#), [Virginia](#), [Washington](#), [West Virginia](#), [Wisconsin](#), [Wyoming](#)

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University of New Hampshire  
Broadband Mapping Grant: \$1.7m

## NNE Broadband Stimulus Awards

Vermont Telephone Company	VT, NH, NY	Vermont Telephone Company's project, assisted by <b>\$12.3 million</b> in federal funds, will enhance the existing middle mile broadband infrastructure to address bandwidth and transport capacity shortages. The project stands to benefit over 150,000 people and over 15,000 businesses and community institutions. Not only will this project create jobs upfront, but it will help drive economic development in the community that will create jobs for years to come
University Corporation for Advanced Internet Development	ALL STATES	This <b>\$62.5 million grant with an additional \$34.3 million applicant-provided match</b> will interconnect more than 30 existing research and educational networks, creating a nation-wide high-capacity network that will enable advanced networking features for more than 100,000 essential community anchor institutions. University Corporation for Advanced Internet Development estimates that this project will directly create hundreds of jobs upfront and help drive economic development in the community that creates jobs for years to come. The United States Unified Community Anchor Network (U.S. UCAN) project proposes a large-scale, public-private partnership to interconnect more than 30 existing research and education networks. This Comprehensive Community Infrastructure project is designed to span all 50 states and every network
University System of New Hampshire	NH	The University System of New Hampshire will receive <b>\$44.5 million</b> and estimates it will directly create almost 700 jobs by making broadband service more readily available to the state's households and businesses. Almost 1 million people and approximately 12,000 local businesses and 700 community institutions stand to benefit from up to 10 Gbps as well as dark fiber IRUs. Partners seek to use this opportunity to create a "tech corridor" in New Hampshire.
Vermont Telecommunications Authority	VT	Vermont Telecommunications Authority estimates that it will directly create hundreds of jobs with its project to build a 790-mile fiber network across Vermont with it's <b>\$33.4 million grant</b> . Over 200,000 people and thousands of businesses and community institutions stand to benefit from increasing access to direct high-speed connections. In addition to the jobs this project creates upfront, it will help drive economic development in the community that creates jobs for years to come.
Maine State Library	ME	This <b>\$1.4 million grant with an additional \$589,000 applicant-provided match</b> will upgrade public computer centers at more than 100 public libraries statewide. The project will increase the number of available broadband workstations by as much as 60 percent and improve training and employment-related services offered by libraries. Not only will this project create jobs upfront, but it will help drive economic development in the community that will create jobs for years to come.
VTel Wireless, Inc.	VT	This <b>\$116 million</b> award to VTel Wireless, Inc. <b>with an additional \$30 million of outside capital</b> will bring Tri-Band 4G LTE wireless broadband to virtually every unserved anchor institution, unserved home, and unserved business throughout Vermont, and parts of NY and NH near VT. VTel Wireless' project stands to benefit more than 130,000 people, 3,750 businesses, and 700 community institutions. VTel Wireless estimates that this project will directly support at least 1,800 jobs upfront and help drive economic development in the community that creates jobs for years to come.
Biddeford Internet Corp (GWI)	ME	The Three Ring Binder project proposes to create an open access fiber-optic network extending to the most rural and disadvantaged areas of the state of Maine – from the Saint John Valley in the north, to the rocky coastline of downeast Maine, to the mountainous regions of Western Maine – linking the unserved and underserved areas of the state together with a modern communications network. The project proposes a 1,100-mile network that will pass through more than 100 communities make broadband more readily available to 110,000 households, 600 community anchor institutions, and a number of last mile service providers. The public-private partnership expects to provide 100 Mbps broadband capabilities for University of Maine campuses, community colleges, government facilities, public safety departments, the MaineREN research and education network, and rural healthcare clinics and hospitals. The project plans to benefit clinics and hospitals by allowing for more immediate contact with clinical healthcare specialists and by increasing the collaboration of local community-based healthcare providers with specialists in major metropolitan areas. <b>\$25.4 million with \$7 million of outside capital</b>
ION Hold Co., LLC	ME, PA, NY	The ION Upstate New York Rural Broadband Initiative proposes to build 10 new segments of fiber-optic, middle mile broadband infrastructure, serving more than 70 rural communities in upstate New York and parts of Pennsylvania and Vermont. The ION project plans to construct a 1,308-mile network to offer broadband speeds of one to 10 Gbps to serve more than 300 anchor institutions and immediately connect more than 100, including libraries, state and community colleges, state and county agencies, and health clinics. ION plans to extend its relationship with the New York State Office for Mental Health, along with the Basset Hospital and Healthcare System, to expand many of its telemedicine practices. <b>\$39.7 million</b>