

Community Council

March 18, 2011

9:30-12:00

Lincoln--Executive Building, 521 South 14th Street, Suite 103

Scottsbluff—Panhandle Education Center, 4502 Avenue I, High Plains Room

[All meeting Documents](#)

Tentative Agenda

9:30	Roll Call Notice of Posting of Agenda Notice of Nebraska Open Meetings Act Posting Approval of March 23,2009 Minutes and July 19, 2010 minutes Public Comment
9:45	Broadband Map Update <ul style="list-style-type: none">• Nebraska Broadband Map—broadbandmap.nebraska.gov• National Broadband Map—broadbandmap.gov
10:15	Broadband Planning Update <ul style="list-style-type: none">• Forums• Workbook• Other activities
10:45	Health Information Exchange <ul style="list-style-type: none">• NeHII• eBHIN
11:45	Membership
11:55	Adjourn

Meeting notice and agenda were posted on the Public Meeting and NITC websites on March 3, 2011.

COMMUNITY COUNCIL

Nebraska Information Technology Commission

March 23, 2009 9:30 AM to 12:00 noon CT

Lincoln-Executive: Lincoln Executive Bldg.-Suite 103, 521 S 14th ST.

Columbus: Columbus Public Library-Columbus Rm., 2nd Fl., 2504 14th St.

Kearney: Public Library and Info. Center-2nd Fl., 2020 First Avenue

Scottsbluff: Panhandle Research & Extension Center -High Plains Rm., 4502 Avenue I

Wayne: Wayne State College, Conn Library, Rm. 15, 1111 Main Street

PROPOSED MINUTES

MEMBERS PRESENT

Chris Anderson, City of Central City (Lincoln site)

Rod Armstrong, AIM Institute (Lincoln site)

Jason Barelman, Wayne State College (Wayne site)

Norene Fitzgerald, Economic Development Professional

Darla Heggem, Twin Cities Development, Scottsbluff-Gering (Scottsbluff site)

Lynn Manhart, Central City Public Library (Lincoln site)

Tim O'Brien, Nebraska Department Economic Development

Angie Ramaekers, Columbus Area Chamber of Commerce (Columbus site)

Jerry Vap, Public Service Commission

MEMBERS ABSENT

Mitch Arnold, Preferred Partners, LLC; Scott Bovick, City of Nebraska City; Don Costello, University of Nebraska, Lincoln; Linda Fetting, Rural Development Commission; Dean Folkers, Department of Education; John Jordison, Great Plains Communication; Joan Modrell, Department of Labor; Dan Shundoff, Intellicom

Staff and Guests: Anne Byers, Community Information Technology Manager; Steve Henderson, IT Administrator; and Lori Lopez Urdiales, Administrative Assistant

ROLL CALL, NOTICE OF POSTING OF AGENDA, NOTICE OF NEBRASKA OPEN MEETINGS ACT POSTING

Ms. Fitzgerald called the meeting to order at 9:30 a.m. There were seven members present at the time of roll call. A quorum was not present to conduct official business. The meeting proceeded with informational items. The meeting announcement was posted on the NITC Web site on March 9, 2009 and on the Nebraska Public Meeting Calendar on March 17, 2009. The agenda was posted on March 19, 2009.

PUBLIC COMMENT

There was no public comment.

Ms. Manhart arrived to the meeting. A quorum was now present.

STIMULUS FUNDING FOR BROADBAND, Lt. Governor Rick Sheehy

[\(Summary of Broadband Programs and Federal Register Notice: Joint Broadband Technology Opportunities Program Request for Information\)](#)

Lt. Governor Rick Sheehy provided information regarding the following grant opportunities published in the Federal Register on March 12th.

Broadband Technology Opportunities Program (BTOP): Section 6001 creates the Broadband Technology Opportunities Program (BTOP) which offers competitive grants for broadband deployment efforts from the National Telecommunications and Information Administration (NTIA), Department of

Commerce. There is \$4.35 billion available to fund projects. Grants are to be awarded by the end of FY 2010.

Requirements - grants may be awarded to:

- Acquire equipment, instrumentation, networking capability, hardware and software, digital network technology, and infrastructure for broadband services
- Construct and deploy broadband infrastructure
- Ensure access to broadband service by community anchor institutions
- Facilitate access to broadband service by low-income, unemployed, aged, or vulnerable population to provide educational and employment opportunities
- Construct and deploy broadband facilities that improve public safety broadband communications services

States may be consulted with respect to identifying unserved and underserved areas, and regarding “the allocation of grant funds within that State for projects in or affecting the State.” NTIA will award at least one grant in each state. A 20% match is required. The match may be waived. Eligible entities are states and political subdivisions, nonprofit organizations, and other entities, including broadband service or infrastructure providers.

Broadband Data Improvement Act Funding: NTIA (Department of Commerce) has \$350 million available for grants. The time frame has not been specified.

Requirements - grants may be awarded to:

- Create a statewide broadband availability map to identify unserved areas
- Conduct extensive market research to understand the barriers to broadband adoption
- Create and facilitate local technology planning teams to produce tactical business plans for improved technology use
- Generate collaboration between the public and private sectors to encourage broadband deployment and adoption
- Create programs for improved computer ownership and Internet use in low-adoption areas

A 20% match is required.

USDA – Rural Utilities Service: Loans, grants, and loan guarantees are available for open access broadband infrastructure projects that serve rural areas primarily from the USDA.

There is \$2.5 billion available for Loans, Grants, and Loan Guarantees. The time frame has not been specified. Priority will be given to projects that can commence quickly.

Requirements:

At least 75% of the area to be served shall be in a rural area without sufficient access to broadband service. Priority will be given to open access projects, to projects providing access to the highest number of unserved rural residents, and to current or former USDA borrowers. Priority will also be given to projects that can commence quickly. Projects funded through this program cannot also be funded through the Broadband Technology Opportunities Program.

Additional Programs through which Nebraska Entities Could Receive Funding

- **BTOP Funding for Public Computer Center Capacity and Grants for Innovative Programs for Adoption of Broadband Service.** The BTOP funding language provides that “not less than \$200,000,000 shall be available for competitive grants for expanding public computer center capacity, including at community colleges and public libraries; not less than \$250,000,000 shall be available for competitive grants for innovative programs to encourage sustainable adoption of broadband service...”

Lt. Governor Sheehy stated that the funding should be available within the next year and a half.

Members were given an opportunity to ask questions and provide comments. Discussion points and concerns from the members included:

- Definitions will be a key issue as to eligibility.
- Deployment and the last mile - In rural areas, last and middle mile connectivity can be expensive.
- Determination of “equity” for underserved.

- Mapping issues. Mr. Hand stated that the Public Service Commission plans to apply for funding for broadband mapping.
- Competition among providers and proprietors may make public information on infrastructure difficult to acquire.

UPDATE ON DEVELOPING WEBSITES FOR GROWTH PROJECT

Tim O'Brien, Nebraska Department of Economic Development

Mr. O'Brien reported that he has been working with eleven communities to develop more interactive and informative websites that show the quality of life in their communities. A checklist is used to assess community's website. Some of the areas covered are health care, education, employment and recreational opportunities. Jobs and career opportunities have been the reasons why people are leaving Nebraska, especially in the I.T. field. Research shows that if jobs are available, 80% of those who have left would be interested in returning to Nebraska. Webinars have been developed for participants on marketing their communities. The project has been attempting to hire an intern through UNL Career Services but have not been successful. Ms. Byers informed the council that she and Connie Hancock gave a presentation to city clerks about website development. The Office of the CIO will not have funding for future projects but will explore other options for funding options. Perhaps there will be opportunities through the stimulus funding. The council recommended discussing this further in 2-3 months when more information on stimulus funding. The following website has been developed to provide updated information on the project: <http://websitesforgrowth.com/>.

MEMBERSHIP

Anne Byers, Community I.T. Manager

[Matthew Williams](#) has been nominated to serve on the council representing Libraries.

Mr. Vap moved to approve the nomination of Matthew Williams to serve on the council. Mr. Armstrong seconded. Roll call vote: Vap-Yes, Armstrong-Yes, Manhart-Yes, Heggem-Yes, Fitzgerald-Yes, Barelman-Yes, and Anderson-Yes. Results: Yes-8, No-0, Abstain-0. Motion carried.

Terry Lowe, representing Municipalities, has been approached to serve on the council but has not indicated his availability. Council members suggested the following persons to serve as new members: John Caske and Roger Hahn.

Ms. Fitzgerald asked members to consider nominations for the remaining vacant seats on the council: one Libraries representative and two Local Government representatives.

APPROVAL OF MAY 22, 2009 MINUTES*

Ms. Barelman moved to approve the [May 22, 2008 minutes](#) as presented. Mr. Armstrong seconded. Roll call vote: Anderson-Yes, Barelman-Yes, Fitzgerald-Yes, Heggem-Yes, Manhart-Yes, Armstrong-Yes, and Vap-Yes. Results: Yes-8, No-0, Abstain-0. Motion carried.

ACTION PLANS

Ms. Byers informed the council members to being thinking about the current action plans for Community I.T. Planning. Ideas and thoughts from members included:

- Continue communities web site development.
- Research other states for best practices.
- Utilize schools and libraries. Most all communities have a school and library. The state should collaborate with these entities, as well as county offices.
- Broadband and IT can promote entrepreneurship.

- Conduct another Community Needs Assessment Survey. The Community Council could utilize the results to be more proactive and educate and informed communities about technology. Some communities have no I.T. contact to even develop a web site, or a city council to promote one.
- Develop standards for communities or perhaps work with Department of Economic Development to develop standards.
- Utilize the league of municipalities to provide input and get information out to communities about the advantages of I.T. to promote their community. Some aggressive communities in Nebraska have made I.T. a duty of the City Administrator and is evaluated on this annually.
- Community Council should consider how we can market the State of Nebraska.

Mr. Hahn stated that St. Mary's and Emmit are the only Nebraska communities without broadband. Mr. Vap informed the members that 93% of Nebraska communities have broadband capabilities.

NEXT MEETING DATE AND TIME MEETING AND ADJOURNMENT

Ms. Byers will survey the council members regarding their availability for the next meeting.

With no further business, Ms. Fitzgerald adjourned the meeting at 11:11 a.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Anne Byers of the Office of the CIO/NITC.

COMMUNITY COUNCIL

Nebraska Information Technology Commission

July 19, 2010, 1:30-4:00 p.m.

University of Nebraska-Technology Park

4701 Innovation Drive

Lincoln, Nebraska

PROPOSED MINUTES

MEMBERS PRESENT

Chris Anderson, City of Central City

Rod Armstrong, AIM Institute

Linda Fettig, Rural Development Commission

Roger Hahn, Nebraska Information Network

Joan Modrell, Department of Labor

Tim O'Brien, Nebraska Department Economic Development

Jerry Vap, Public Service Commission

MEMBERS ABSENT

Norene Fitzgerald, Economic Development Professional; Dean Folkers, Department of Education; Darla Heggem, Twin Cities Development; John Jordison, Great Plains Communication; and Lynn Manhart, Central City Public Library

In the absence of the Co-Chairs, members agreed to have Anne Byers, Chair the meeting.

ROLL CALL NOTICE OF POSTING OF AGENDA NOTICE OF NEBRASKA OPEN MEETINGS ACT

Ms. Byers called the meeting to order at 1:35 p.m. There were six members present at the time of roll call. A quorum was not present to conduct official business. The meeting proceeded with informational items. The meeting notice and agenda were posted on the Public Meeting and NITC websites on July 15, 2010. A copy of the Open Meetings Act was located next to the meeting materials.

APPROVAL OF MARCH 23, 2009 MINUTES

Approval of the March 23, 2009 minutes was tabled until next meeting minutes due to lack of quorum.

PUBLIC COMMENT

There was no public comment.

BROADBAND SURVEY OF NEBRASKA HOUSEHOLDS—Rebecca Vogt

http://psc.nebraska.gov/home/NPSC/NTIA/Internet_Connectivity_and_Use_in_Nebraska.pdf

Mr. O'Brien distributed a one page summary of the Broadband Planning Work Group. Members of the group are Anne Byers, NITC; Connie Hancock, UNL Extension-Cheyenne County; Tim O'Brien, Nebraska Department of Economic Development; Charlotte Narjes and Becky Vogt, UNL Center for Applied Rural Innovation. The group will identify barriers to the adoption of broadband and IT services, create and facilitate local technology planning teams, and collaborate with broadband service providers to encourage broadband deployment and use through the following approaches;

- Nebraskans will be surveyed about their computer and Internet usage, challenges and desired for the future. Status: 6,600 Nebraskans surveyed in February 2010 – received a 47% response rate. Results presented to the Public Service Commission the end of June 2010.
- Businesses will be surveyed through the Business Retention and Expansion process to identify the strengths and challenges they face in utilizing technology. Status: 16 of 27 communities have been identified. Statewide efforts are supported by DED.
- Regional planning teams will be formed to conduct regional assessment, prioritize needs, and develop strategies to address needs. Status: Initial presentations have been held in all regional

groups except North Central. Beginning to build relationships in Omaha (i.e. AIM) and on the tribal lands.

- Regional forums will be conducted to present broadband mapping and mail survey results, to solicit feedback, and to kick off regional planning efforts. Anticipate beginning regional forums in the Fall of 2010.
- Seven to ten focus groups will be held with anchor institutions and utility providers as well as population with low usage rates to gain understanding into the barriers from their perspective.
- Regional technology plans as well as a statewide report and recommendation will be developed and presented to the Nebraska Information Technology Commission, Nebraska Public Service Commission, Department of Economic Development and the University of Nebraska-Lincoln. These plans will be made publicly available through the project website.
- Expanded proposal submitted in July for planning and technical assistance:
 - Portal Website
 - Entrepreneurship Identification and Mentoring
 - Forums, workshops, continued technical assistance

The work group welcomed Community Council's recommendations and input and asked for their assistance with the next steps. More details to report will be available at the next meeting.

Mr. Anderson arrived at the meeting.

Charlotte Narjes and Becky Vogt presented the [Broadband Survey of Nebraska Households](#) results.

BROADBAND MAPPING UPDATE—PSC

Don Gray

The Nebraska Public Service Commission was awarded \$1.3 million for 2 years for the mapping project. The Federal government will evaluate the project for continued funding for years 3 and 4. Funding included a planning portion. ApexCovantage is the vendor assisting with mapping project. Eighty providers were identified as Internet service providers. Only 66 service providers actually provided data for the project. ApexCovantage developed survey data collection instrument per NTIA's (National Telecommunications and Information Administration) specific data matrix. The survey was conducted to determine availability and speed of mobile access. It did not include satellite.

California State University-Chico will do the mapping of information. The map is currently being reviewed. It is anticipated that the map will be available to the public during second year of the project.

The Public Service Commission has applied for supplemental grant funding. The application was submitted last week for \$3.7 million for years 3-5. The NTIA has to have all monies committed by end of September.

BTOP (BROADBAND TECHNOLOGIES OPPORTUNITIES PROGRAM) AND BIP (BROADBAND IMPROVEMENT PROGRAM) UPDATE

Anne Byers, Community I.T. Manager

Each state is to receive at least one BTOP grant. There are three Nebraska projects that are currently in the due diligence stage for funding. States all around Nebraska have been awarded a project but Nebraska has not received any funding.

HEALTH INFORMATION EXCHANGE UPDATE

Anne Byers, Community I.T. Manager

In March, the Nebraska Information Technology Commission received \$6.8 million for a statewide health information exchange initiative. The State of Nebraska is partnering with NeHII (Nebraska Health Information Initiative). NeHII will serve as the lead health information exchange and integrator. NeHII is already exchanging health information with Omaha areas physicians and hospitals. Mary Lanning

Memorial Hospital in Hastings and Great Plains Regional Medical Center in North Platte are now connected with NeHIII. Other health information exchange entities, such as the Electronic Behavioral Health Information Network (EBHIN) will connect to NeHIII. The ultimate goal is for all state health information exchanges to be connected to the Nationwide Health Information Network.

WEBSITES FOR GROWTH UPDATE ([HTTP://WEBSITESFORGROWTH.COM/](http://websitesforgrowth.com/))

Tim O'Brien, Nebraska Department of Economic Development

The Websites for Growth Project has been developing marketing tools. Mr. O'Brien distributed a postcard for the program. An effective on-line curriculum is now available for communities to develop a community website. The community can do this on their own with partnership with the Department of Economic Development. The Department of Economic Development will also go out to communities to assist. Other states and countries, for example Australia, have shown interest in the website.

MEMBERSHIP

Jason Barelman and Dan Shundoff have resigned from the Community Council. Members were asked to contact Ms. Byers with nominations for new Council members.

With no further business, Ms. Byers adjourned the meeting at 3:40 p.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Anne Byers of the Office of the CIO/NITC.

Leveraging Technology for the Future of Nebraska

Broadband Regional Forums 1 p.m. to 4 p.m.

March 23 — Norfolk — Learning Center — 601 East Benjamin Ave

March 30 — Gering Civic Center — 1050 M Street

March 31 — Valentine — 4-H Building — 120 North Green Street

April 6 — North Platte — Sandhills Convention Center — 2102 South Jeffers

April 7 — McCook — Mid-Plains Enterprise Center — 1205 East Third

April 13 — Lincoln — Embassy Suites — 1040 P Street

April 14 — Minden — Opera House — 322 East Fifth Street

April 28 — Greater Omaha Chamber of Commerce — 1301 Harney Street

Broadband — access to the Internet at a greater speed — is a foundation for economic growth and quality of life in Nebraska.

This forum will:

- Begin the conversation about how your region can increase adoption and utilization of broadband services
- Share how residents in your region are currently using and how they view broadband services through the results of a statewide survey
- Showcase broadband mapping data from your region as well as across the state
- Create a regional planning team to work on a regional technology plan

Help plan Nebraska's future by joining us at the regional forum!

For more information contact:

Connie Hancock, UNL Extension
chancock1@unl.edu or 308-254-4455

or

Charlotte Narjes, UNL CARI
cnarjes1@unl.edu or 402-472-1724 or 800-328-2851

This Broadband Mapping and Planning Initiative is funded through a grant to the Nebraska Public Service Commission by the U.S. Department of Commerce's National Telecommunications and Information Administration and aims to increase broadband adoption and utilization.

Project partners include the University of Nebraska, Nebraska Department of Economic Development, Nebraska Information Technology Commission, Nebraska Public Service Commission, and the AIM Institute.





Analyze » Rank

Rank » State » Within Nation

Metric» Speed Download Greater Than 3 Mbps Upload Greater Than 0.768 Mbps

Share

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Below are rankings for the requested broadband characteristics. The broadband data below is as of 06/30/10 and represents data collected by SBDD grantees.

Source • [Print this page](#) • [Export Data](#)

Rank	Name	Speed		Add Metric	Add Metric	Add Me
		DL>3	UL>0.7			
1	District of Columbia	100%		%	%	
2	Delaware	100%		%	%	
3	New Jersey	100%		%	%	
4	Connecticut	99.9%		%	%	
5	Rhode Island	99.8%		%	%	
6	Massachusetts	99.8%		%	%	
7	Florida	99.7%		%	%	
8	New York	99.6%		%	%	
9	Pennsylvania	99.4%		%	%	
10	Nevada	99.4%		%	%	
11	Illinois	99.3%		%	%	
12	Maryland	99.3%		%	%	
13	Ohio	99.3%		%	%	
14	Colorado	99.3%		%	%	
15	Kansas	99.3%		%	%	
16	Washington	99.2%		%	%	
17	Michigan	99.1%		%	%	
18	Georgia	99.1%		%	%	
19	Texas	99.0%		%	%	

Rank	Name	Speed Combo DL>3 UL>0.7	Add Metric	Add Metric	Add Me
20	South Carolina	98.9%	%	%	
21	Tennessee	98.7%	%	%	
22	North Dakota	98.7%	%	%	
23	New Hampshire	98.6%	%	%	
24	Maine	98.6%	%	%	
25	South Dakota	98.5%	%	%	
26	Minnesota	98.5%	%	%	
27	North Carolina	98.5%	%	%	
28	Oregon	98.4%	%	%	
29	Nebraska	97.9%	%	%	
30	Utah	97.8%	%	%	
31	Hawaii	97.5%	%	%	
32	Arizona	96.8%	%	%	
33	Iowa	96.7%	%	%	
34	Vermont	96.7%	%	%	
35	Louisiana	96.4%	%	%	
36	Missouri	95.6%	%	%	
37	New Mexico	94.5%	%	%	
38	Montana	94.1%	%	%	
39	Mississippi	93.8%	%	%	
40	Virginia	93.6%	%	%	
41	California	91.7%	%	%	
42	Oklahoma	90.0%	%	%	
43	Wisconsin	88.2%	%	%	
44	Kentucky	87.8%	%	%	
45	Alabama	86.2%	%	%	
46	Arkansas	85.5%	%	%	
47	Idaho	85.3%	%	%	

Rank	Name	Speed	Add Metric	Add Metric	Add Me
		Combo DL>3 UL>0.7			
48	West Virginia	78.4%	%	%	
49	Alaska	77.8%	%	%	
50	Indiana	71.6%	%	%	
51	Wyoming	53.5%	%	%	
52	Puerto Rico	46.5%	%	%	
53	American Samoa	17.6%	%	%	
54	Virgin Islands of the United States	0.0%	%	%	

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- Broadband Availability in Urban vs. Rural Areas
- Number of Providers by Speed Tier
- Access to Broadband Technology by Speed

Map »

Map my community

Summarize

View statistics about my community

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Engage »

Build a better map for my community

Blog »

What makes the National Broadband Map #gov20?
 posted by Andrew MacRae on March 8, 2011

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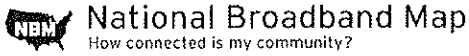
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The **National Broadband Map** is a tool to search, analyze and map broadband availability & speed. Created and maintained by the **NTIA**, in collaboration with the **FCC**, and in partnership with 50 states, five

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Analyze » Rank

Rank » County » Within Nebraska
Metric» Technology All

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Below are rankings for the requested broadband characteristics. The broadband data below is as of 06/30/10 and represents data collected by SBDD grantees.

Short URL: nbm.gov/CE34

Source • [Print this page](#) • [Export Data](#)

Rank	Name	Technology	Speed Combo	Add Metric	Add Metric	Add Metric	Add Metric	Add Metric
		All	DL>3 UL>0.7					
1	Douglas, NE	100%	99.9%	%	%	%	%	%
2	Hall, NE	100%	99.9%	%	%	%	%	%
3	Adams, NE	100%	100%	%	%	%	%	%
4	Kearney, NE	100%	99.0%	%	%	%	%	%
5	Dodge, NE	100%	98.4%	%	%	%	%	%
6	Clay, NE	99.9%	99.9%	%	%	%	%	%
7	Lancaster, NE	99.9%	99.8%	%	%	%	%	%
8	Merrick, NE	99.9%	98.0%	%	%	%	%	%
9	Buffalo, NE	99.8%	99.7%	%	%	%	%	%
10	Polk, NE	99.8%	98.9%	%	%	%	%	%
11	Sarpy, NE	99.8%	99.2%	%	%	%	%	%
12	Howard, NE	99.8%	98.1%	%	%	%	%	%
13	Colfax, NE	99.7%	98.3%	%	%	%	%	%
14	Scotts Bluff, NE	99.7%	99.2%	%	%	%	%	%
15	Madison, NE	99.7%	99.1%	%	%	%	%	%
16	Pierce, NE	99.7%	99.5%	%	%	%	%	%
17	York, NE	99.7%	99.3%	%	%	%	%	%
18	Hamilton, NE	99.7%	98.7%	%	%	%	%	%
19	Dakota, NE	99.7%	99.4%	%	%	%	%	%
20	Pheps, NE	99.7%	99.4%	%	%	%	%	%
21	Fillmore, NE	99.6%	99.4%	%	%	%	%	%
22	Gage, NE	99.6%	98.9%	%	%	%	%	%
23	Franklin, NE	99.6%	99.2%	%	%	%	%	%
24	Nance, NE	99.6%	97.6%	%	%	%	%	%
25	Platte, NE	99.5%	98.8%	%	%	%	%	%
26	Jefferson, NE	99.3%	98.1%	%	%	%	%	%
27	Seward, NE	99.3%	98.3%	%	%	%	%	%
28	Keith, NE	99.3%	99.2%	%	%	%	%	%
29	Washington, NE	99.3%	96.4%	%	%	%	%	%
30	Harlan, NE	99.3%	97.8%	%	%	%	%	%
31	Stanton, NE	99.3%	97.3%	%	%	%	%	%
32	Lincoln, NE	99.2%	98.5%	%	%	%	%	%
33	Wayne, NE	99.2%	98.6%	%	%	%	%	%
34	Cass, NE	99.1%	97.6%	%	%	%	%	%

Rank	Name	Technology	Speed Combo	Add Metric	Add Metric	Add Metric	Add Metric	Add Metric
		All	DL>3 UL>0.7					
35	Dawson, NE	99.1%	98.1%	%	%	%	%	%
36	Boone, NE	99.0%	98.5%	%	%	%	%	%
37	Webster, NE	98.9%	70.2%	%	%	%	%	%
38	Box Butte, NE	98.9%	98.9%	%	%	%	%	%
39	Cuming, NE	98.7%	97.2%	%	%	%	%	%
40	Butler, NE	98.7%	96.0%	%	%	%	%	%
41	Cedar, NE	98.6%	89.8%	%	%	%	%	%
42	Nuckolls, NE	98.5%	98.4%	%	%	%	%	%
43	Valley, NE	98.4%	97.1%	%	%	%	%	%
44	Sherman, NE	98.4%	98.4%	%	%	%	%	%
45	Red Willow, NE	98.4%	97.3%	%	%	%	%	%
46	Kimball, NE	98.4%	98.0%	%	%	%	%	%
47	Saline, NE	98.3%	97.7%	%	%	%	%	%
48	Thayer, NE	98.3%	93.1%	%	%	%	%	%
49	Cheyenne, NE	98.2%	97.9%	%	%	%	%	%
50	Otoe, NE	98.1%	97.5%	%	%	%	%	%
51	Saunders, NE	98.1%	97.3%	%	%	%	%	%
52	Deuel, NE	98.1%	97.8%	%	%	%	%	%
53	Nemaha, NE	98.0%	97.9%	%	%	%	%	%
54	Burt, NE	97.8%	96.8%	%	%	%	%	%
55	Furnas, NE	97.5%	94.4%	%	%	%	%	%
56	Chase, NE	97.4%	96.9%	%	%	%	%	%
57	Perkins, NE	97.3%	94.5%	%	%	%	%	%
58	Dixon, NE	97.2%	94.7%	%	%	%	%	%
59	Gosper, NE	97.1%	95.8%	%	%	%	%	%
60	Johnson, NE	97.1%	96.4%	%	%	%	%	%
61	Morrill, NE	96.7%	96.1%	%	%	%	%	%
62	Hitchcock, NE	95.7%	82.1%	%	%	%	%	%
63	Knox, NE	95.7%	86.7%	%	%	%	%	%
64	Dawes, NE	95.6%	84.0%	%	%	%	%	%
65	Antelope, NE	94.8%	91.8%	%	%	%	%	%
66	Richardson, NE	94.6%	94.1%	%	%	%	%	%
67	Pawnee, NE	94.2%	94.1%	%	%	%	%	%
68	Brown, NE	94.0%	93.9%	%	%	%	%	%
69	Garfield, NE	93.6%	93.6%	%	%	%	%	%
70	Holt, NE	92.7%	92.4%	%	%	%	%	%
71	Frontier, NE	92.6%	89.8%	%	%	%	%	%
72	Garden, NE	92.6%	90.4%	%	%	%	%	%
73	Sheridan, NE	88.4%	86.5%	%	%	%	%	%
74	Hooker, NE	87.8%	0.0%	%	%	%	%	%
75	Custer, NE	87.7%	67.2%	%	%	%	%	%
76	Wheeler, NE	87.5%	87.5%	%	%	%	%	%
77	Rock, NE	86.7%	86.5%	%	%	%	%	%

Rank	Name	Technology >	Speed Combo	Add Metric	Add Metric	Add Metric	Add Metric	Add Metric
		All	DL>3 UL>0.7					
78	Thurston, NE	85.5%	51.4%	%	%	%	%	%
79	Dundy, NE	82.6%	82.5%	%	%	%	%	%
80	Banner, NE	82.5%	76.8%	%	%	%	%	%
81	Logan, NE	78.6%	21.4%	%	%	%	%	%
82	Greeley, NE	77.9%	72.5%	%	%	%	%	%
83	Cherry, NE	77.9%	62.5%	%	%	%	%	%
84	Boyd, NE	77.6%	76.6%	%	%	%	%	%
85	Hayes, NE	74.6%	58.9%	%	%	%	%	%
86	Arthur, NE	74.0%	18.6%	%	%	%	%	%
87	Sioux, NE	72.8%	40.0%	%	%	%	%	%
88	Thomas, NE	71.6%	0.0%	%	%	%	%	%
89	Grant, NE	67.3%	0.0%	%	%	%	%	%
90	Loup, NE	64.7%	64.3%	%	%	%	%	%
91	Blaine, NE	58.0%	0.0%	%	%	%	%	%
92	McPherson, NE	57.9%	14.3%	%	%	%	%	%
93	Keya Paha, NE	47.8%	47.8%	%	%	%	%	%

Popular Reports »

View and download popular reports.

- [Broadband Availability in Urban vs. Rural Areas](#)
- [Number of Providers by Speed Tier](#)
- [Access to Broadband Technology by Speed](#)

Map »

[Map my community](#)

Summarize

[View statistics about my community](#)

Broadband Classroom »

[Learn more about broadband](#)

Engage »

[Build a better map for my community](#)

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 posted by Andrew MacRae on March 8, 2011

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[Rank](#) • [Summarize](#) • [Engage](#) • [Blog](#) • [Twitter](#) • [Data Download](#)



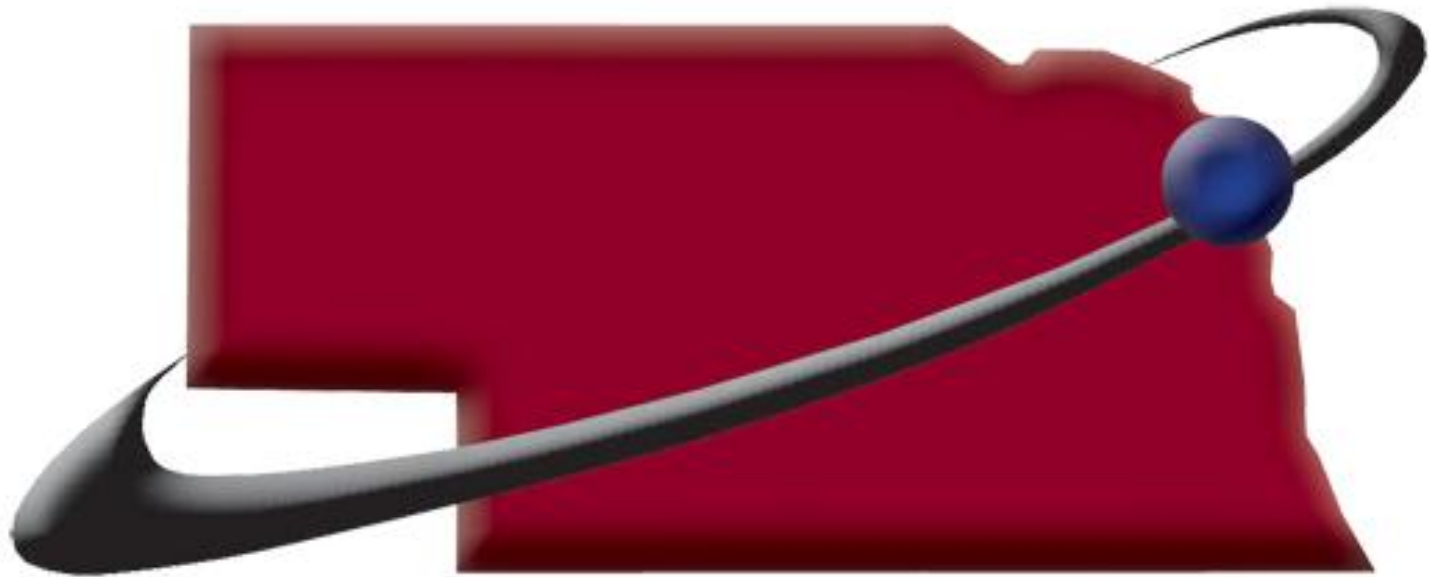
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NEBRASKA BROADBAND MAPPING AND PLANNING GRANT

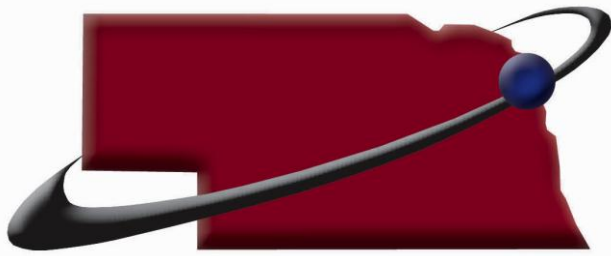


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Project History

- Fall of 2008 –
 - Congress enacts the Broadband Data Improvement Act (BDIA)
 - Intent is to provide funding to eligible entities in each state for mapping broadband and to support planning activities
 - Funding was not appropriated with enactment of the BDIA



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Project History continued

- February 2009 –
 - Congress enacts the American Recovery and Reinvestment Act (ARRA - the Stimulus Bill)
 - Appropriates \$350 million to fund the BDIA for five years



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Project History continued

- February 2009 – continued
 - \$7.4 billion was appropriated to fund grants/loans for broadband infrastructure projects funded through the National Telecommunications and Information Administration (NTIA) (Dept. of Commerce) and Rural Utilities Service (RUS) (Dept. of Agriculture)



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Project History continued

- Fall 2009 –
 - The State designee's were notified by the NTIA that the original grant program of five years was to be reduced to a two year grant with the possibility of three additional years of funding at a later date.



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Project History continued

- January 2010 -
 - NTIA awarded NPSC a grant of \$2.1 million for years 1 and 2
 - \$1.6 million for the Mapping Project and
 - \$0.5 million for the Planning Project



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Project History continued

- May 2010 –
 - NTIA notified Grantees that they were now prepared to entertain supplemental application requests for years 3 - 5 of the original grant period authorized by Congress
 - The NPSC and the Planning Team had 30 days to prepare the supplemental grant proposal



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Project History continued

- September 2010 –
 - NPSC notified by the NTIA that Nebraska had been awarded a supplemental grant of approximately \$3.5 million for years 3-5
 - \$1.5 million for continuation of the Mapping effort and
 - \$2.0 million for the Planning effort



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Project History continued

- September 2010 – continued
 - Revised budget for the supplemental grant submitted on February 21, 2011
 - Awaiting final approval of the award by the NTIA



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Mapping Project Components

- Initial activity was identification of broadband providers and development and execution of non-disclosure agreements (NDA's)
- Followed by development of data models, collection tools, and collection of data from providers willing to participate in the project
- After data is provided it must be verified and plotted
- Twice a year data is updated and submitted to NTIA



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Mapping Project Challenges

- No ability to compel data from providers in a uniform format (voluntary participation)
- NTIA has not been consistent in program requirements/process
- Commission internal resources have been stretched by evolving grantee workload



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Mapping Project Key Dates

- Initial dataset provided to the NTIA in June, 2010
 - Update to original data provided October 1, 2010
 - Currently finalizing data for submission in April, 2011
 - Second data submission for 2011 due September and will complete data collection for years 1 & 2
-
- Nebraska Map: <http://broadbandmap.nebraska.gov>
 - National Map: www.broadbandmap.gov



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Nebraska Broadband Map

- <http://broadbandmap.nebraska.gov>
- Following series of slides provides an overview of the Nebraska Broadband Map capabilities and tools



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Nebraska Broadband Map – Opening Screen

http://broadbandmap.nebraska.gov/ - Windows Internet Explorer

http://broadbandmap.nebraska.gov/

Official Nebraska Government Website

Nebraska Broadband

Layers Identify Providers Locate Providers Print Help

Zoom In Zoom Out Prev Full Extent Next

Flash Disclaimer

This application REQUIRES the Adobe Flash Player plug-in to run in your web browser. Please go to <http://www.adobe.com/software/flash/about> to download and install this plug-in.

Click anywhere in the window to close.

Locate Providers

Search Results Related Address

Type an address to find it's available providers:

Address:

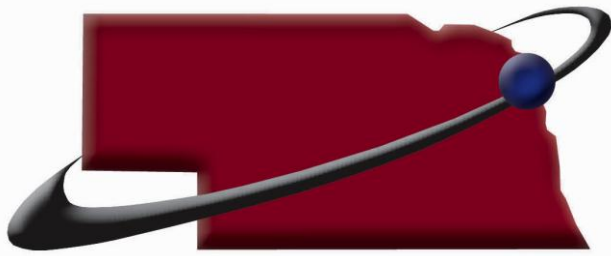
City:

Zip:

Locate Clear

United States Liberal

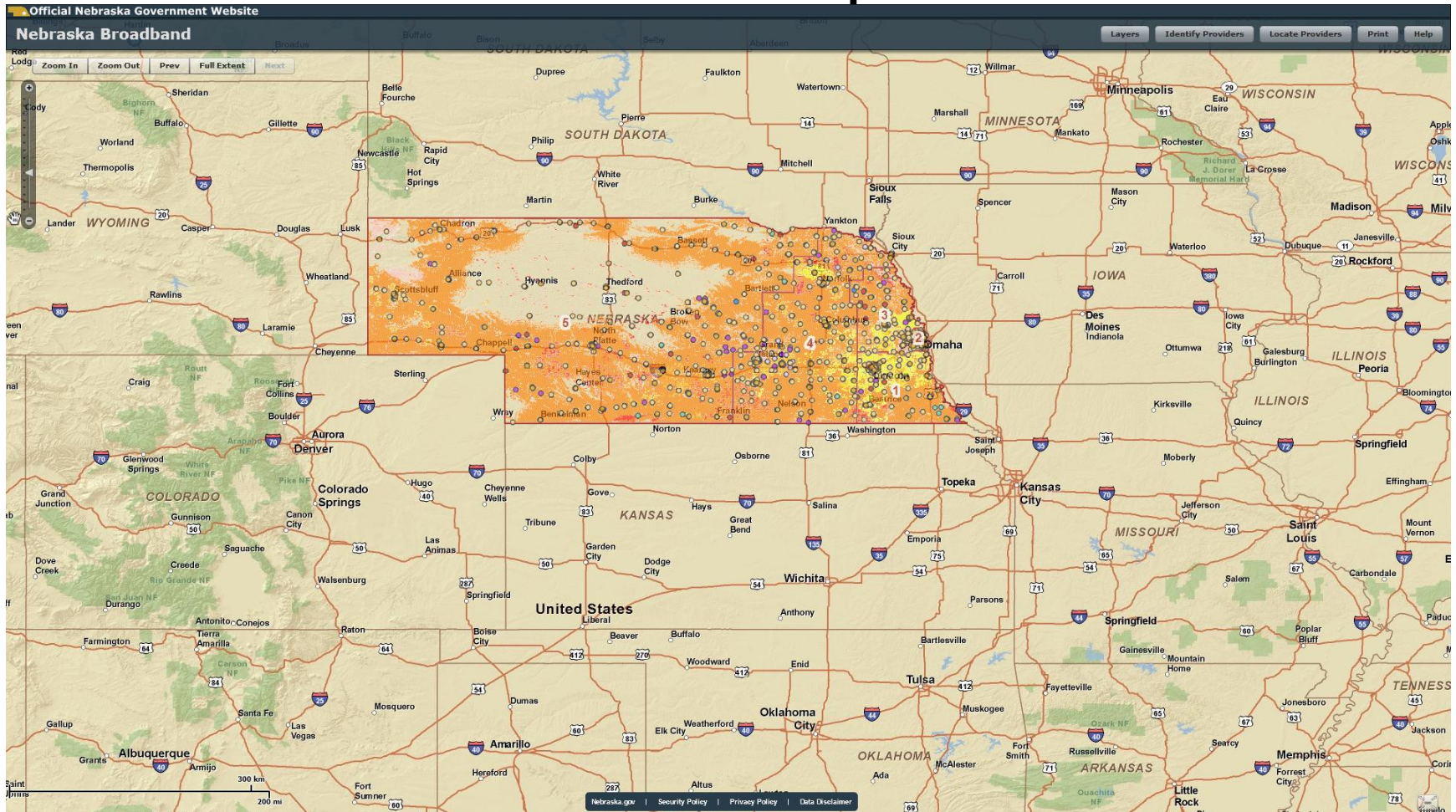
Nebraska.gov | Security Policy | Privacy Policy | Data Disclaimer



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Nebraska Broadband Map – Basic Controls

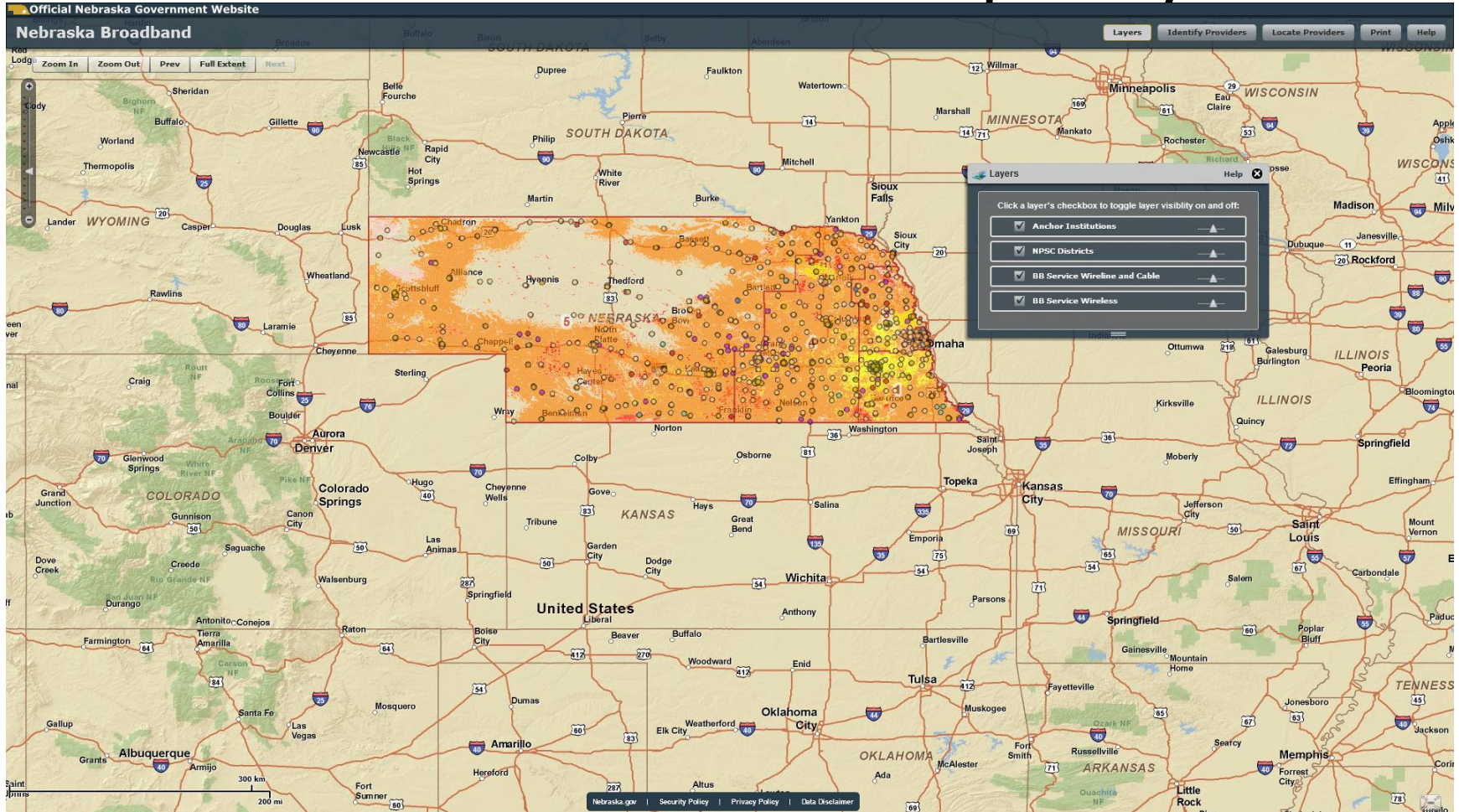


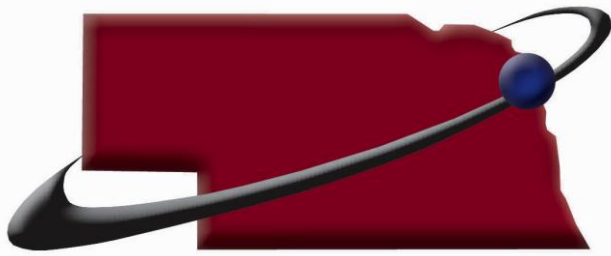


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Nebraska Broadband Map - Layers

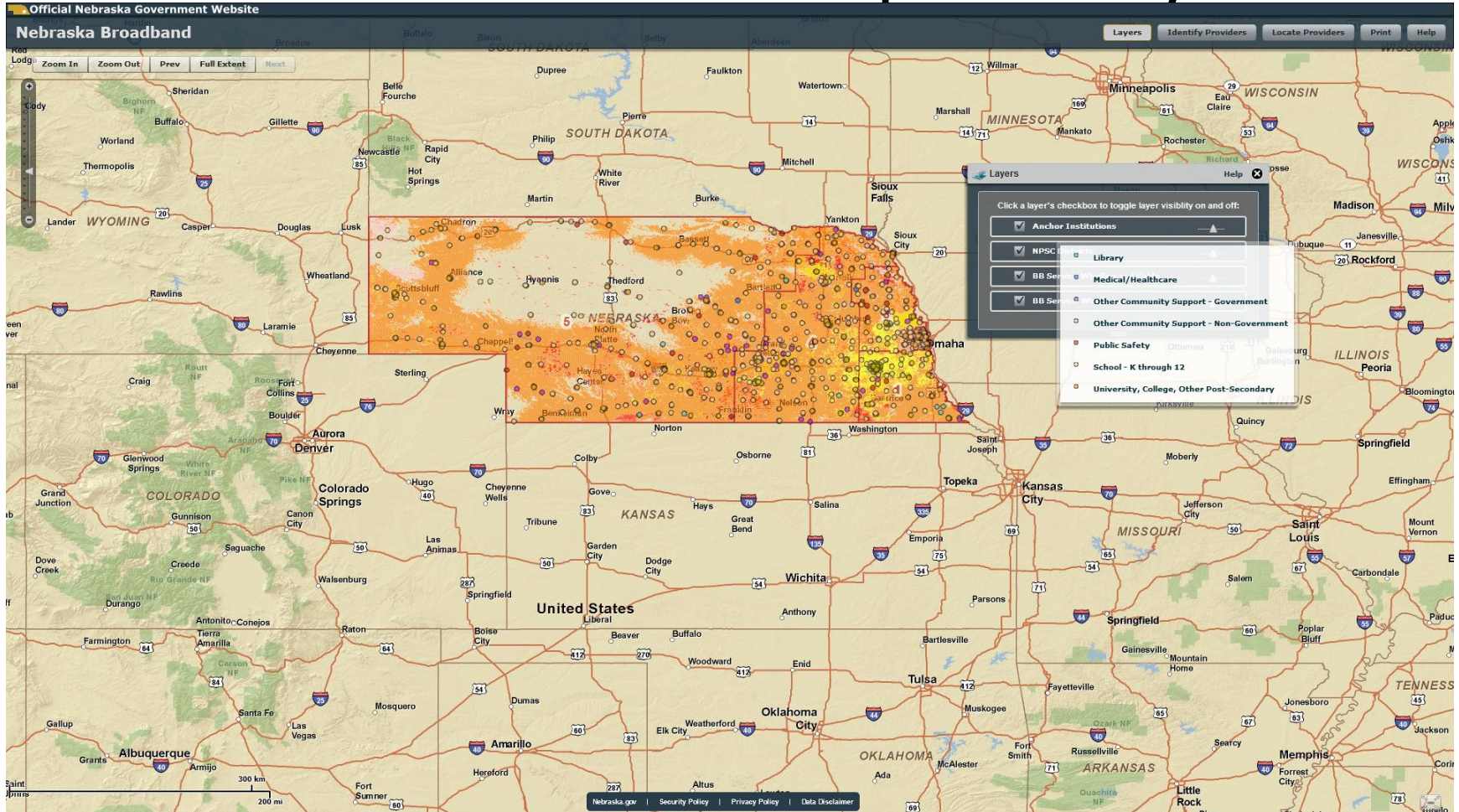


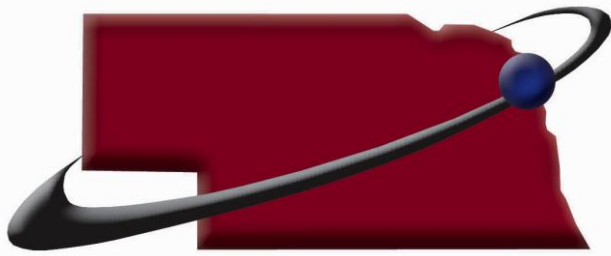


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Nebraska Broadband Map – CAI Symbols

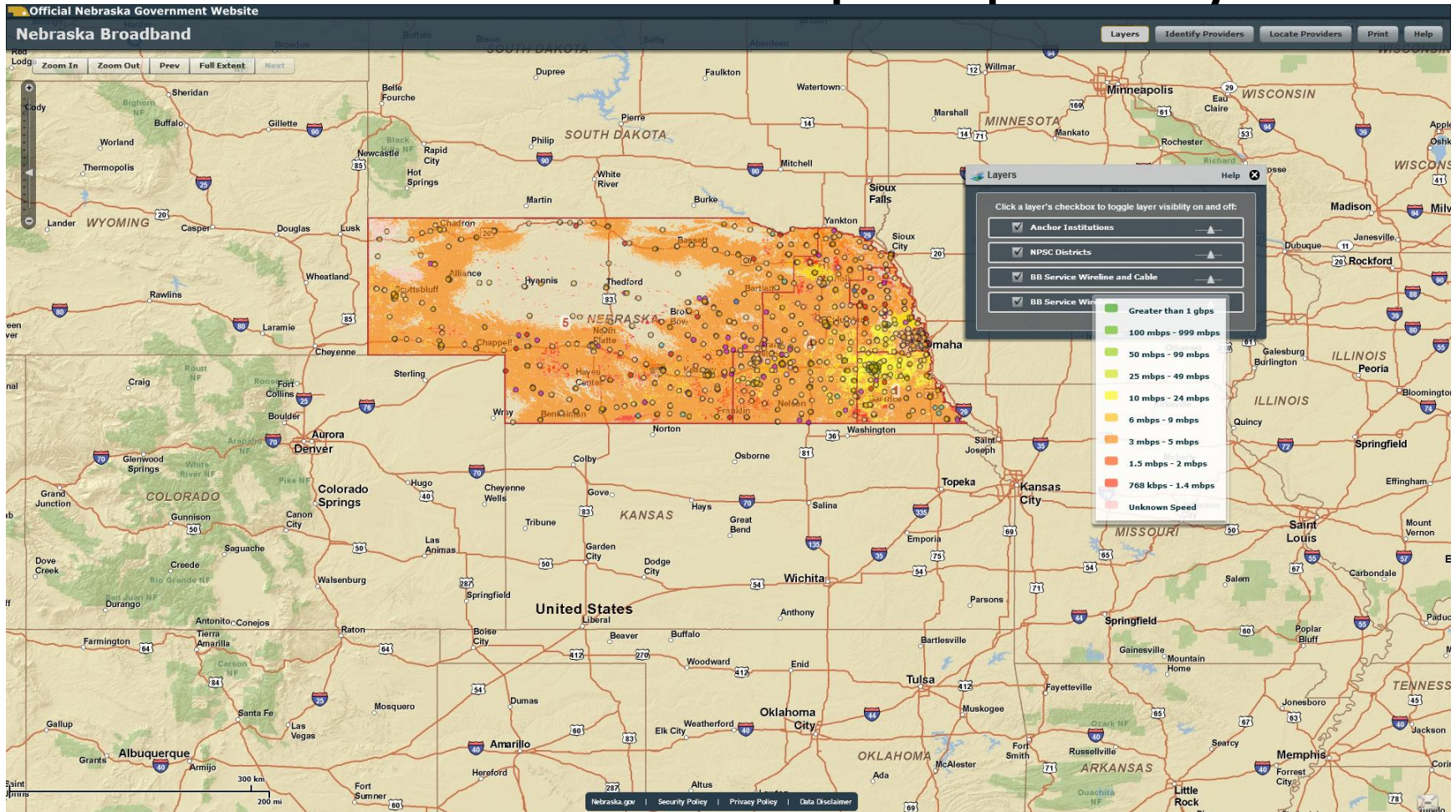


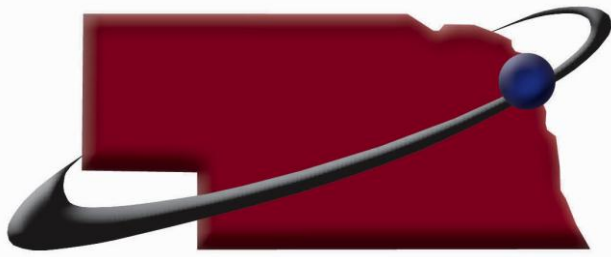


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Nebraska Broadband Map – Speed Symbols

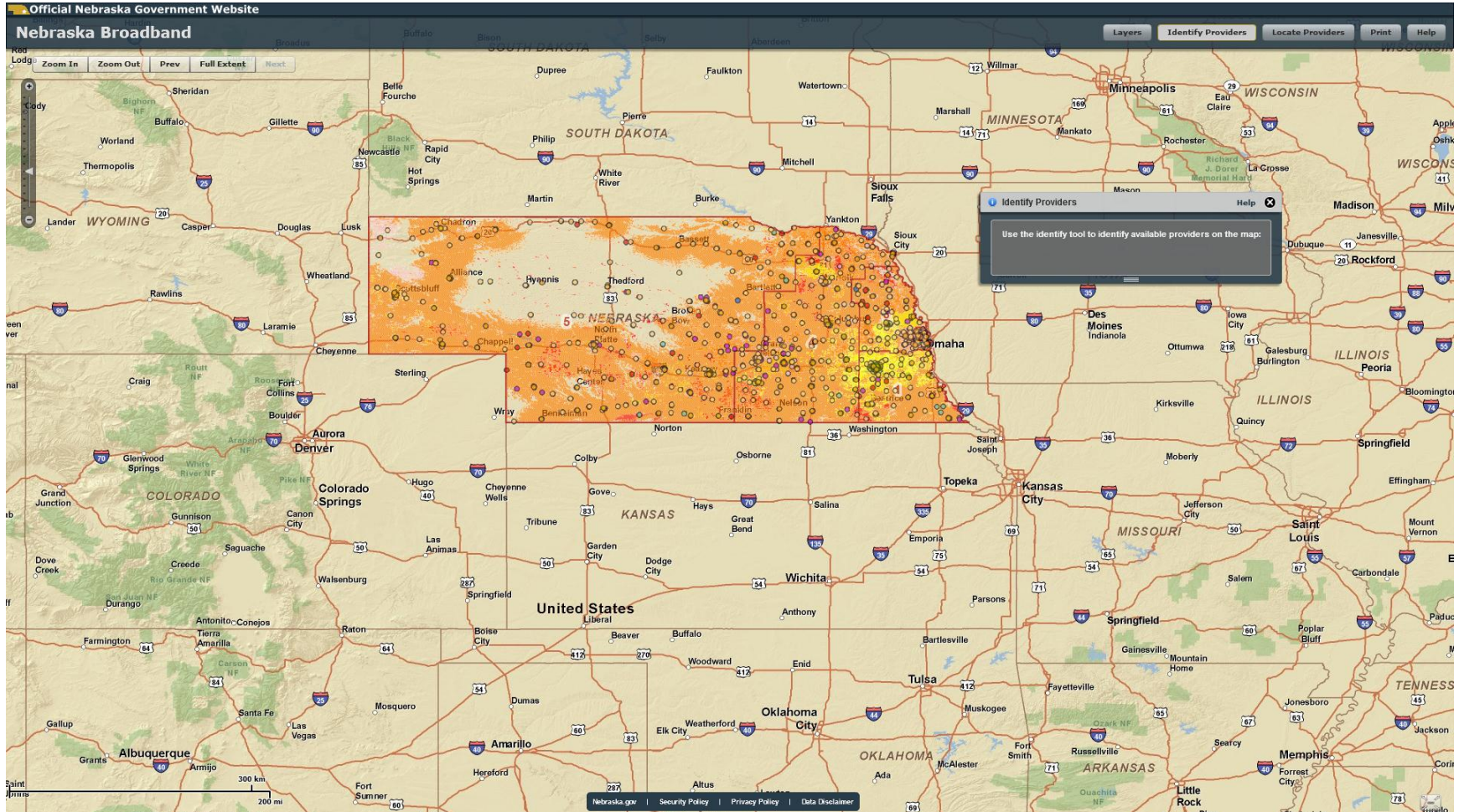




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Nebraska Broadband Map – Identify Providers





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Nebraska Broadband Map – Locate Providers

Official Nebraska Government Website
Nebraska Broadband

Layers Identify Providers Locate Providers Print Help

Zoom In Zoom Out Prev Full Extent Next

Locate Providers

Search | Results | Related Address Help

Type an address to find it's available providers:

Address:

City:

Zip:

Locate Clear

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Nebraska Broadband Map – Locate Providers

Official Nebraska Government Website
Nebraska Broadband

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Nebraska Broadband Map – Locate Providers Results

Official Nebraska Government Website
Nebraska Broadband

Layers Identify Providers Locate Providers Print Help

Zoom In Zoom Out Prev Full Extent Next

521 S 14TH ST, LINCOLN, NE, 68506
Score: 85

Locate Providers Help

Search Results Related Address

- + Windstream Corporation
- + AT&T Mobility LLC
- + Affordable Internet Solutions LLC
- + Diode Communications
- + Verizon Wireless
- + Sprint
- + TIME WARNER CABLE

500 m 2000 ft

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Nebraska Broadband Map – Locate Providers Results

Official Nebraska Government Website
Nebraska Broadband

Layers Identify Providers Locate Providers Print Help

Zoom In Zoom Out Prev Full Extent Next

521 S 14TH ST, LINCOLN, NE, 68506
Score: 85

Locate Providers Help

Search | Results | Related Address

521 S 14TH ST, LINCOLN, NE, 68508

- Windstream Corporation
 - Technology of Transmission: Asymmetric xDSL
 - Advertised Downstream Service Speed: Greater than or equal to 10 mbps and less than 25 mbps
 - Advertised Upstream Service Speed: Greater than or equal to 768 kbps and less than 1.5 mbps
 - Contact: www.windstream.com/
- AT&T Mobility LLC
- Affordable Internet Solutions LLC
- Diode Communications
- Verizon Wireless
- Sprint
- TIME WARNER CABLE

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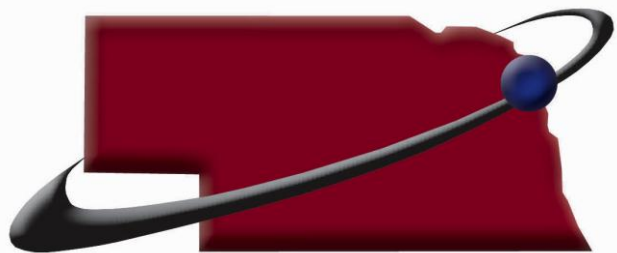


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Nebraska Broadband Map – Identify Provider Results

The screenshot displays the Nebraska Broadband Map interface. At the top, it says "Official Nebraska Government Website" and "Nebraska Broadband". Navigation controls include "Layers", "Identify Providers", "Locate Providers", "Print", and "Help". A toolbar on the left includes "Zoom In", "Zoom Out", "Prev", "Full Extent", and "Next". A vertical scale bar is also present. The map itself is a grid of colored blocks representing different broadband service areas. A blue information icon is placed on the map, and a pop-up window titled "Identify Providers" is open over it. The pop-up contains the text "Use the identify tool to identify available providers on the map:" followed by a list of providers with expandable buttons: Sprint, Verizon Wireless, Windstream Corporation, AT&T Mobility LLC, Affordable Internet Solutions LLC, and TIME WARNER CABLE. The map also shows labels for "Cooper Park" and "Everett Junior High School". At the bottom, there is a scale bar for 500m and 2000ft, and a footer with "Nebraska.gov | Security Policy | Privacy Policy | Data Disclaimer".

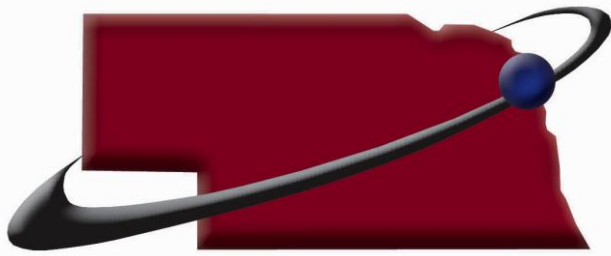


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National Broadband Map

- www.broadbandmap.gov
- Following series of slides provides an overview of the National Broadband Map capabilities and tools



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National Broadband Map – Opening

National Broadband Map - Windows Internet Explorer
http://www.broadbandmap.gov/

National Broadband Map

NBM
National Broadband Map v1.0
How connected is my community?

Please enter any address **FIND Broadband**

Explore the Map or **Analyze the Data**

Analyze • Map • Developer • About • Native Nations
Rank • Summarize • Engage | Share • Blog • Twitter • Data Download

The **National Broadband Map** is a tool to search, analyze and map broadband availability across the United States.
Created and maintained by the **NTIA**, in collaboration with the **FCC**, and in partnership with 50 states, five territories and the District of Columbia.

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National Broadband Map

Search Results: Broadband Providers for this Area - 521-south-14th-street-lincoln-ne-68508 - - Windows Internet Explorer

http://www.broadbandmap.gov/internet-service-providers/521-south-14th-street-lincoln-ne-68508/?lat=40.808644&long=-96.701617

Search Results: Broadb... x http://broadbandmap.neb...

NBM National Broadband Map
How connected is my community?

Homepage · Analyze · Map · Developer · About · Native Nations

521 south 14th street, lincoln, ne 68508 **FIND**

Search Results: Broadband Providers for this Area

The list below contains broadband providers that have reported offering service to all or part of the area that is shaded on the map to the right. Providers are listed in order of maximum speed advertised by the provider. To see more information about each provider, click on an individual service provider's name or click the Expand All button. Help improve this data by confirming the availability and speed information. This dataset is updated approximately every six months and your input is important to us.

Show All · Show Wired · Show Wireless Expand All

Advertised Speeds Above 3 Mbps Data as of: 6/30/10

Time Warner Cable Inc.	100 Mbps - 1 Gbps	>>
Windstream Corporation	10 - 25 Mbps	>>
Verizon Communications Inc.	3 - 6 Mbps	>>

Advertised Speeds Above 768 Kbps and Below 3 Mbps Data as of: 6/30/10

AT&T Inc.	1.5 - 3 Mbps	>>
Diller Telephone Company	768 Kbps - 1.5 Mbps	>>
Sprint Nextel Corporation	768 Kbps - 1.5 Mbps	>>

Most Common Speed: 10 Mbps

Data Source · Download · API Call

Satellite is also available in most areas. Click here to read more

Is your broadband provider listed? If not, please enter the provider below

SEND

Print this page · About area · Compare Areas

Data © 2009 OpenStreetMap. Rendering © 2009 CloudMade.

Share >>
Share this page with my community

Map >>
Map my community

Rank >>
Rank my community

Summarize >>
View statistics about my community

Broadband Classroom >>
Learn more about broadband



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National Broadband Map

Search Results: Broadband Providers for this Area - 521-south-14th-street-lincoln,-ne-68508 - - Windows Internet Explorer
http://www.broadbandmap.gov/internet-service-providers/521-south-14th-street-lincoln,-ne-68508/lat=40.808644/long=-96.701617

AT&T Inc.	1.5 - 3 Mbps
Diller Telephone Company	768 Kbps - 1.5 Mbps
Sprint Nextel Corporation	768 Kbps - 1.5 Mbps

Most Common Speed: 10 Mbps [Data Source](#) • [Download](#) • [API Call](#)

Satellite is also available in most areas. [Click here to read more](#)

Is your broadband provider listed? If not, please enter the provider below

Map my community

Rank »
Rank my community

Summarize »
View statistics about my community

Broadband Classroom »
Learn more about broadband

Engage »
Build a better map for my community


Blog »
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posted by Andrew MacRae on March 8, 2011

Updates »
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National Broadband Map

Broadband Map - Technology - National Broadband Map - Windows Internet Explorer
http://www.broadbandmap.gov/technology

NBM National Broadband Map
How connected is my community?

Permalink Print Short URL »

Type of Technology Available Data as of: 6/30/10

ASYMMETRIC XDSL SYMMETRIC XDSL OTHER COPPER WIRELINE CABLE MODEM-DOCSIS 3.0 CABLE MODEM-OTHER FIBER TO THE END USER

TERRESTRIAL FIXED WIRELESS-UNLICENSED TERRESTRIAL FIXED WIRELESS-LICENSED TERRESTRIAL MOBILE WIRELESS

© The National Broadband Map is a tool to search, analyze and map broadband availability across the United States. Show Footer Show Gallery



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National Broadband Map

Broadband Map - Technology - National Broadband Map - Windows Internet Explorer
http://www.broadbandmap.gov/technology

National Broadband Map
How connected is my community?

Permalink Short URL »

Type of Technology Available Data as of: 6/30/10

ASYMMETRIC XDSL SYMMETRIC XDSL OTHER COPPER WIRELINE CABLE MODEM-DOCSIS 3.0 CABLE MODEM-OTHER FIBER TO THE END USER
TERRESTRIAL FIXED WIRELESS-UNLICENSED TERRESTRIAL FIXED WIRELESS-LICENSED TERRESTRIAL MOBILE WIRELESS

Type of Technology Available
Description: This map displays broadband technologies offered to end users (e.g. DSL, cable, wireless, fiber, etc.).

The **National Broadband Map** is a tool to search, analyze and map broadband availability across the United States. [Show Footer](#) [Hide Gallery](#)



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National Broadband Map

Analyze - National Broadband Map - Windows Internet Explorer
http://www.broadbandmap.gov/analyze

NBM National Broadband Map
How connected is my community?

Homepage · Analyze · Map · Developer · About · Native Nations

Analyze »

Use the tools below to rank an area by a specific broadband attribute, generate summaries of broadband availability for a given area and download reports containing popular statistics.

Rank »

Use this tool to compare broadband availability in different areas. Generate a national list of states, counties, Metropolitan Statistical Areas (MSA), Congressional Districts, census designated places or Universal Service Fund (USF) study areas by broadband speed, technology, number of broadband providers or demographic information. The tool also generates ranked lists within a state, including by county, census designated place, Congressional District, state legislative district, MSA and USF study area.

Summarize »

Use this tool to generate an overview of broadband availability for any state, county, state legislative district, Metropolitan Statistical Area (MSA), Universal Service Fund (USF) study area, or Native Nations.

Popular Reports »

View and download popular reports.

- Broadband Availability in Urban vs. Rural Areas
- Number of Providers by Speed Tier
- Access to Broadband Technology by Speed

Share »

Share this page with my community

Map »

Map my community

Rank »

Rank my community

Summarize »

View statistics about my community

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results: 0.11 seconds