

Data Submission Report

Broadband Service Provider Data as of December 31, 2011

Report date: April 1, 2012

Submitted to:

National Telecommunications and Information Administration
United States Department of Commerce

Submitted by:

Kansas Statewide Broadband Initiative
State of Kansas Department of Commerce



and

Kansas Data Access & Support Center (DASC)



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March 30, 2012

Ms. Anne W. Neville
SBDD Grant Program Director
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW Room 4716
Washington, DC 20230

Dear Ms. Neville,

Please accept this submission from the State of Kansas Department of Commerce, the Designated Entity for the Kansas State Broadband Initiative.

During this reporting period, the Department of Commerce took over responsibility of the broadband service provider data collection and related activities for the State of Kansas.

In a very short period of time, we have been able to engage the necessary state resources to ensure a smooth transition and a complete semi-annual broadband service provider data package submitted by the April 1 deadline. We engaged the State's Data Access and Support Center (DASC) GIS experts to carry out the core data collection activities. They were able to build a complete contact list of Kansas service providers and conduct data updates in accordance with the NOFA, culminating in the attached data submission package.

Continued refinements to this data set gives the State of Kansas an excellent method of better understanding our broadband landscape and combined with our active planning projects, promises to establish a sustainable effort with demonstrated positive impact on the Kansas digital economy.

Respectfully,

Stanley Adams
Program Director, Kansas Statewide Broadband Initiative

Cc:

Pat George, Secretary of Commerce
Steve Kelly, Deputy Secretary of Commerce – Business & Community Development
Anthony Schlinsog, Chief Information Technology Officer, Executive Branch
Mark Sievers, Kansas Corporation Commission
Jo Budler, State of Kansas Librarian
Stan Ahlerich, Executive Director – Governor's Economic Development Council – Kansas Department of Commerce
Representative Carl Holmes, Chairman Kansas House of Representatives Energy and Utilities Committee
Senator Pat Apple, Chairman Kansas Senate Utilities Committee

Transition Activities from Connected Nation to Kansas Department of Commerce

During the data collection period ending April 1, 2012, the Kansas Department of Commerce (KDoC) undertook steps to assume the Designated Entity Status from Connected Nation. The State of Kansas engaged Connected Nation to support the initial grant application preparation and to conduct data collection for both periods in 2010 and the first submittal in 2011. This transition of activities was an important strategic step in building and preserving the institutional knowledge of the state's broadband resources, and ensuring the long-term vision of the Kansas Broadband Initiative. KDoC, in collaboration with the State of Kansas Data Access & Support Center (DASC), worked to identify viable service providers, obtain new Non-Disclosure Agreements (NDA), and collect updates for the April, 2012 broadband data submission. While the initial transition phase represented considerable work, it ultimately was of great benefit to the State and was the first step in building a lasting relationship with the broadband service provider industry. The details of these activities are outlined herein.

Provider Outreach

Communication Activities

As part of the initial request for participation in the April, 2012 data submission, KDoC distributed a letter via email to known providers across the state. Additionally, this letter was re-distributed to the membership of the cable and rural telecommunications trade associations in the state to ensure maximum provider coverage. The initial communication included background on the transition of mapping activities, as well as a request for a new Non-Disclosure Agreement (NDA) to facilitate transition work. Also included was a link to an on-line survey for providers to confirm their contact information and to answer a few questions regarding their upcoming data submission. A total of 41 providers completed the survey, which resulted in an opportunity for follow-up communication with many of the providers. Additionally, multiple phone calls were made to those providers who did not respond to either the KDoC email or survey communications in order to solicit their participation in the broadband mapping initiative.

In addition to direct contact with individual service providers, KDoC partnered with the State Independent Telephone Association (SITA) and the Kansas Telecommunications Industry Association (KTIA) in support of provider outreach and maximum participation. These professional associations encouraged their member organizations to participate in the state's broadband mapping initiative and proved to be an effective communication resource.

Through significant effort on the part of KDoC and DASC team, and the connections with the trade associations, all known providers in the state were contacted for this data collection cycle. A summary of provider status as of April 1, 2012 is included in Appendix A of this report.

Non-Disclosure Agreement Development Process

As part of KDoC's transition of the data collection activities from Connected Nation, DASC was engaged to update the service provider data and broadband inventory map. New NDA's were executed between the broadband service providers, KDoC and DASC. During the collection period, NDA's were secured from 42 Kansas broadband service providers. There were no cases where data was not included in this submission due to lack of an NDA.

Data Collection Summary

- As of this submission, there are 105 actual Kansas broadband service providers
- As of this submission, 122 potential Kansas broadband service providers have been identified (105 confirmed providers + 17 potential = 122 total potential providers)
- 88 of the 105 actual service providers submitted data or confirmed no changes to their previous submission during this reporting period

Data Processing

Information was collected from the Kansas broadband service provider industry in a variety of formats including GIS data files, database tables and spreadsheets, CAD files, and paper maps. As files were received, they were reviewed to determine if they contained the required spatial and/or attribute information, and if there was a need for further communication with the provider. In many cases, DASC staff made follow-up phone calls, sent emails, or held Adobe Connect sessions in order to ensure that the information given by the provider was accurately reflected in the database.

All data submissions to the DASC office were processed according to the following steps:

1. Initial data review to determine quality and fitness for processing. Follow-up with broadband provider if necessary.
2. Creation of provider-specific “staging” geodatabase
3. Process edits according to information and materials submitted by provider
4. Review by editing technician
5. Quality Assurance/Quality Control (QA/QC) review by project staff
6. Integration into statewide geodatabase model

The following describes the general steps taken to integrate information provided in the various submission formats.

GIS Data (Shapefile/Geodatabase)

Service area descriptions submitted in a GIS data file format are loaded into a provider-specific staging geodatabase where they are used to determine their intersection with census block and road segment geometry. If a census block is less than two square miles, it is added to the *CensusBlock* feature class. If a census block is larger than two square miles, the corresponding road segments are added to the *RoadSegment* feature class. All required attribute information is then calculated for each feature class.

Database Tables/Spreadsheets/Text-file (Census Block ID/TIGER-Line ID)

It is common for providers to supply information regarding their service availability in a tabular format including a list of Census Block ID and/or TIGER-Line ID numbers. In these cases, the tabular data is joined to the Census geography to select *CensusBlock* and/or *RoadSegment* features. If a census block is larger than two square miles, the corresponding road segments are added to the *RoadSegment* feature class. Attribute items are then calculated for each feature class in the staging geodatabase.

Database Tables/Spreadsheets/Text-file (Address List)

In cases where service providers submit a table of customer addresses, this information is geocoded (sometimes referred to as address matching) to determine a location for each address in the table. This process results in a point data layer that is used to determine the corresponding census block and road segment assignment. If a point falls within a block that is less than two square miles, the block is added to the *CensusBlock* feature class. If a point falls with a block that is larger than two square miles, it is assigned to the nearest road segment and that feature is added to the *RoadSegment* feature class. Attribute items are then calculated for each feature class in the staging geodatabase.

CAD Files/Paper Maps

Some providers submit their service area descriptions as paper map, PDF maps, or CAD drawings. In these cases, this information is interpreted to determine the intersection with census block and road segment geometry. Again, the two square mile threshold is observed for determining census block and road segment assignments, and the necessary attribute information is encoded into the database.

Wireless Service Area

Wireless service providers typically supply a GIS data file (polygon feature class) describing their service area, or a spreadsheet/text-file containing tower locations and characteristics. Service area polygon features are loaded into the provider-specific staging geodatabase and processed into the NTIA geodatabase model. For providers that supply tower locations and characteristics, the information is used to determine a signal propagation model for each tower.

Middle Mile/Last Mile Infrastructure

A limited number of middle mile/last mile points were provided during this data submission cycle. This information, however, was provided in either Shapefile or text-file format, containing the necessary location and attribute information.

Community Anchor Institutions (CAI)

A limited number of CAI features were added during this data submission cycle. The State Library of Kansas supplied data containing location and speed test information. However, further work is required to integrate this value-added data into the data model, and will be included in the next database update. Kansas also has an extensive structures geodatabase containing features such as schools, hospitals, fire stations, EMS stations, and other community based entities. This data will be used to validate the existing CAI data and make updates where necessary. Additionally, DASC will reach out to organizations throughout the state to obtain speed test data for CAI locations in the coming months.

Data Review

In order to ensure that information supplied by the providers is correctly interpreted and incorporated into the database, DASC employed a variety of quality assurance techniques.

1. Comparison of revised/updated boundary delineation or provider information with previous submissions (change detection) – all service area updates are compared to the previous submission to determine if the change in geographic extent or attribute information is reasonable. While major revisions to a service area or technology may be accurate, it is also reasonable to follow-up with the provider to ensure that the submission materials have been provided and/or interpreted correctly.
2. Conference calls – As necessary, follow-up phone calls were made to providers to resolve issues related to submission materials. While this process was time consuming, it was also viewed as part of the relationship building process. It helped to ensure that database edits followed the intent of the provider. Additionally, the GIS technical staff had the opportunity to provide additional background on how the data is collected, aggregated, and used. These connections are important and will be leveraged for future database update cycles.
3. GeoPDF/Hardcopy map generation – several providers requested PDF or hardcopy maps that could be used to review their data. In these cases, custom maps were generated using the previous data submission as the baseline. Follow-up correspondence (phone/email) was used to determine if changes were required.
4. Interactive Web Meetings – using Adobe Connect, interactive desktop GIS sessions were held with some providers to verify service area definitions, transmission technology, and required edits. This proved to be the most effective communication tool utilized during the data collection and editing phase of the project and will continue to be employed for future update cycles.

Data Collection and Mapping Accuracy Enhancement Plan

Industry Roundtables - The most important component of the continued development and maintenance of the state's broadband assets is a strong and ongoing relationship with the service provider industry. During the collection phase DASC identified numerous service providers which expressed interest in supporting subsequent efforts to streamline the process and improve accuracy of the mapping output. To that end, planning is currently underway to convene a pilot industry roundtable to review the future database collection needs and methodology to provide the most accurate picture of broadband in Kansas, and to solicit input from providers across the state on building the next generation of the statewide map.

Provider Feedback Package - Kansas will be creating a 'Provider Feedback Package' for each service provider contained in the current data submission. The feedback package will contain PDF maps of their service area, a provider-specific file geodatabase, and summary information describing their data submission. This tool will be used to maintain communication in between data submission cycles, and to provide another opportunity for providers to review the information submitted on their behalf. This approach is modeled after best-practices identified from the State of Utah and collaborations with other state programs.

Web-based Mapper – a web-based interactive mapping application is under development and is expected to be released in April of this year. The application will provide a mechanism for the broadband provider industry, government officials, and citizens to visualize the landscape of broadband availability across the state. The application is being developed using Esri's ArcGIS Server software and the JavaScript API, and will implement a lightweight, user-friendly interface that makes it easy to determine broadband availability for a broad region or a specific address.

The Kansas Statewide Broadband Initiative team has established solid working relationships with many providers across the state. During the coming months, the team will continue to work towards expanding these relationships to ensure an accurate, high quality depiction of broadband service in Kansas.

Appendix A – Service Provider Status Table

Provider	DBA Name	FRN	NDA	State Database Status	Reporting Period Status
Access One Online Services	Access One Online Services	9999	No	Data included in KS State Submission	No updates this reporting period
TC Wireless, Inc.	Advantage Plus	0018587469	No	Data included in KS State Submission	No updates this reporting period
Allegiance Communications, LLC	Allegiance CATV	0010267862	No	Data included in KS State Submission	No updates this reporting period
AT&T Mobility LLC	AT&T Mobility LLC	0004979233	Yes	Data included in KS State Submission	Updates included this reporting period
AT&T Communications of Texas, Inc	AT&T Southwest	0016657918	Yes	Data included in KS State Submission	Updates included this reporting period
Atwood Cable Systems, Inc.	Atwood Cable Systems, Inc.	0003789765	No	Data included in KS State Submission	No updates this reporting period
Blue Valley Tele-Communications, Inc.	Blue Valley Tele-Communications, Inc.	0002331262	Yes	Data included in KS State Submission	No updates this reporting period
Haug Communications, Inc.	BroadBand Wireless Internet	0005600242	Yes	Data included in KS State Submission	Updates included this reporting period
Benson Tel Service Inc.	Btsskynet.net	0018562207	No	Data included in KS State Submission	No updates this reporting period
Benkelman Telephone Company	BWTelcom	0002387264	Yes	Data included in KS State Submission	No updates this reporting period
Cable ONE	Cable ONE	0003474327	Yes	Data included in KS State Submission	No updates this reporting period
CenturyTel, Inc.	CenturyLink	0018626853	Yes	Data included in KS State Submission	Updates included this reporting period
City of Chanute	City of Chanute	0002295400	No	Data included in KS State Submission	Updates included this reporting period
City of Coffeyville	City of Coffeyville	0018535427	No	Data included in KS State Submission	No updates this reporting period
Clearwire Corporation	Clear	0017775628	No	Data included in KS State Submission	Updates included this reporting period
Columbus Telephone Company	Columbus Telephone Company	0003734167	Yes	Data included in KS State Submission	No updates this reporting period
Comcast Cable Communications, LLC.	Comcast	0004441663	Yes	Data included in KS State Submission	Updates included this reporting period
	Cogent Communications, Inc.	0019066034	No	Data included in KS State Submission	Updates included this reporting period
Conterra Telecom Services	Conterra Ultra	0009750324	Yes	Data included in KS State Submission	Updates included this reporting period
DIECA Communications, Inc.	Covad Communications Company	0003753753	Yes	Data included in KS State Submission	Updates included this reporting period
CoxCom Inc.	Cox Communications	0001524461	Yes	Data included in KS State Submission	No updates this reporting period
Craw-Kan Telephone Cooperative, Inc.	Craw-Kan Telephone Cooperative, Inc.	0002334225	Yes	Data included in KS State Submission	Updates included this reporting period
Leap Wireless International, Inc.	Cricket Communications, Inc.	0002963528	Yes	Data included in KS State Submission	Updates included this reporting period
Cunningham Communications, Inc.	Cunningham Telephone & Cable	0004985818	Yes	Data included in KS State Submission	Updates included this reporting period
Cyber Lodge Internet Services, Inc.	Cyber Lodge Internet Services, Inc.	9999	No	Data included in KS State Submission	No updates this reporting period
Diller Telephone Company	Diller Telephone Company	0002393379	No	Data included in KS State Submission	No updates this reporting period

DISH Network Corporation	DISH Network Corporation	0010500338	No	Data included in KS State Submission	No response to recent data request
Eagle Communications, Inc.	Eagle Communications, Inc.	0013339973	No	Data included in KS State Submission	Updates included this reporting period
Elkhart Telephone Company, Inc.	Epic Touch Company, Inc.	0002330843	Yes	Data included in KS State Submission	Updates included this reporting period
Bluestem Telephone Company	FairPoint Communications	0003723491	No	Non-Responsive	No response to recent data request
Sunflower Telephone Co., Inc.	FairPoint Communications	0003723236	No	Non-Responsive	No response to recent data request
FairPoint Communications	FairPoint Communications	0014710388	No	Non-Responsive	No response to recent data request
GBT Communications	GBT Communications	0012141842	No	Data included in KS State Submission	Updates included this reporting period
Giant Communications, Inc.	Giant Communications	0008830846	No	Will Provide Data	Data expected next reporting period
Gorham Telephone Company, Inc.	Gorham Telephone Company	0004322889	Yes	Data included in KS State Submission	Updates included this reporting period
H&B Cable Service, Inc.	H&B Communications, Inc.	0002331601	Yes	Data included in KS State Submission	Updates included this reporting period
H&B Cable Service, Inc.	H&B Communications, Inc.	0003764545	Yes	Data included in KS State Submission	Updates included this reporting period
Haviland Telephone Company, Inc.	Haviland Telephone Company, Inc.	0005081567	Yes	Data included in KS State Submission	Updates included this reporting period
Home Communications, Inc.	Home Communications, Inc.	0010627446	No	Non-Responsive	No response to recent data request
Home Communications, Inc.	Home Telephone Company, Inc.	0010627446	No	Non-Responsive	No response to recent data request
Hughes Network Systems, LLC	Hughes Network Systems, LLC	0017434911	Yes	Data included in KS State Submission	No updates this reporting period
JBN Telephone Company, Inc.	JBN Telephone Company, Inc.	0004340410	No	Will Provide Data	Data expected next reporting period
The KanOkla Telephone Association, Inc.	KanOkla Networks	0004362364	Yes	Data included in KS State Submission	Updates included this reporting period
KanOkla Communications, Inc.	KanOkla Networks	0002323731	Yes	Data included in KS State Submission	Updates included this reporting period
Kansas Broadband Internet, Inc.	Kansas Broadband Internet, Inc.	0016893455	No	Will Provide Data	Data expected next reporting period
Kansas Data Internet, Inc.	KASINET	9999	No	Data included in KS State Submission	No updates this reporting period
	KITUSA	9999	No	Non-Responsive	No response to recent data request
Knology of Kansas, Inc.	Knology of Kansas, Inc.	0020113197	No	Data included in KS State Submission	No updates this reporting period
LaHarpe Telephone Company, Inc.	LaHarpe Telephone Company, Inc.	0004322053	No	Data included in KS State Submission	Updates included this reporting period
Lawrence Freenet	Lawrence Freenet	0014524193	No	Will Not Provide Data	Data expected next reporting period
	Lightyear Network Solutions, LLC	0010045128	No	Non-Responsive	No response to recent data request
Madison Telephone LLC	Madison Telephone LLC	0004322079	No	Data included in KS State Submission	Updates included this reporting period
MCC Missouri LLC	Mediacom	0005184247	No	Data included in KS State Submission	No updates this reporting period
Mercury Wireless, LLC	Mercury Wireless, LLC	0018603027	No	Non-Responsive	No response to recent data request
	MidwestIS.net	9999	No	Non-Responsive	No response to recent data request
	Midwest Connections, Inc	9999	No	Non-Responsive	No response to recent data request
St. Joe Wireless	Midwest Mobile Radio Service, Inc.	0002545929	Yes	Data included in KS State Submission	Updates included this reporting period
	MOBIL1.NET	9999	No	Will Not Provide Data	Data expected next reporting period

Moundridge Telephone Company, Inc.	Moundridge Telephone Company, Inc.	0002339976	Yes	Data included in KS State Submission	Updates included this reporting period
LR Communications, Inc.	Mutual Telecommunications	0014024640	Yes	Data included in KS State Submission	Updates included this reporting period
Nautilus Net	Nautilus Net	9999	No	Non-Responsive	No response to recent data request
North Central Kansas Community Network	NCKCN	9999	No	Data included in KS State Submission	Updates included this reporting period
Nex-Tech, Inc.	Nex-Tech, Inc.	0017125808	Yes	Data included in KS State Submission	Updates included this reporting period
	Osprey Network Technologies, Inc.	9999	No	Non-Responsive	No response to recent data request
	PAETEC Communications, Inc.	0003744869	No	Non-Responsive	No response to recent data request
Peoples Telecommunications, LLC	Peoples Telecommunications, LLC	0004310694	Yes	Data included in KS State Submission	Updates included this reporting period
Pioneer Telephone Association, Inc.	Pioneer Communications	0002334795	Yes	Data included in KS State Submission	Updates included this reporting period
Pixius Communications LLC	Pixius Communications	0019389949	No	Data included in KS State Submission	No
Carson Communications	Rainbow Communications	0000013722	Yes	Data included in KS State Submission	Updates included this reporting period
Rainbow Telecommunications Association, Inc.	Rainbow Communications	0002333649	Yes	Data included in KS State Submission	Updates included this reporting period
Rebeltec Communications LLC	Rebeltec Communications LLC	0016084675	No	Data included in KS State Submission	Updates included this reporting period
Rural Telephone Service Company, Inc.	Rural Telephone	0002336105	Yes	Data included in KS State Submission	Updates included this reporting period
Nex-Tech, Inc.	Rural Telephone	0006192041	Yes	Data included in KS State Submission	Updates included this reporting period
S&A Communications, Inc.	S&A Communications, Inc.	0015987969	Yes	Data included in KS State Submission	No updates this reporting period
S&A Telephone Company, Inc.	S&A Telephone Company, Inc.	0002329662	Yes	Data included in KS State Submission	No updates this reporting period
S&T Telephone Cooperative Association	S&T Communications	0002285260	Yes	Data included in KS State Submission	No updates this reporting period
S&T Communications LLC	S&T Communications	0008460081	Yes	Data included in KS State Submission	No updates this reporting period
	SCI Cable, Inc.	9999	No	Non-Responsive	No response to recent data request
South Central Telephone Assn., Inc.	SCTelcom	0003771235	Yes	Data included in KS State Submission	Updates included this reporting period
South Central Wireless, Inc.	SCTelcom	0003771169	Yes	Data included in KS State Submission	Updates included this reporting period
	Seamless Data Systems	9999	No	Non-Responsive	No response to recent data request
Southeast Nebraska Communications, Inc.	Southeast Nebraska Telephone Company	0006764948	No	Data included in KS State Submission	No updates this reporting period
Southern Kansas Telephone Company, Inc.	Southern Kansas Telephone Company, Inc.	0002333888	No	Data included in KS State Submission	No updates this reporting period
SWKO, Inc.	SouthWest Kansas Online	0020608121	No	Data included in KS State Submission	No updates this reporting period
KeyOn Communications, Inc.	SpeedNet	0015082621	No	Non-Responsive	No
Sprint Nextel Corporation	Sprint	0003774593	Yes	Data included in KS State Submission	Updates included this reporting period
Stelera Wireless, LLC	Stelera Broadband	0015021066	No	Data included in KS State Submission	No updates this reporting period

Stouffer Communications, Inc.	Stouffer Communications	0006716666	No	Non-Responsive	No response to recent data request
Friendship Cable of Arkansas, Inc.	Suddenlink Communications	0004999025	No	Data included in KS State Submission	Updates included this reporting period
Universal Cable Holdings, Inc.	Suddenlink Communications	0004998969	No	Data included in KS State Submission	Updates included this reporting period
W.K. Communications, Inc.	Suddenlink Communications	0004999736	No	Data included in KS State Submission	Updates included this reporting period
Sumner Cable TV, Inc.	Sumner Communications	0007631187	Yes	Data included in KS State Submission	Updates included this reporting period
Superior iNET	Superior iNET	0013527619	No	Non-Responsive	No response to recent data request
	SureWest Kansas Operations, LLC	00143027194	Yes	Will Provide Data	Data expected next reporting period
SwiftLink Communications	SwiftLink Communications	0018595439	No	Non-Responsive	No response to recent data request
The Tri-County Telephone Association	The Tri-County Telephone Association	0001630433	No	Data included in KS State Submission	Updates included this reporting period
Time Warner Cable LLC	Time Warner Cable	0013430244	Yes	Data included in KS State Submission	Updates included this reporting period
T-Mobile USA, Inc.	T-Mobile	0006945950	Yes	Data included in KS State Submission	Updates included this reporting period
Totah Communications, Inc.	Totah Communications, Inc.	0005010996	No	Data included in KS State Submission	No updates this reporting period
Mokan Dial, Inc.	Townes Telecommunications Services Company	0004928750	Yes	Data included in KS State Submission	No updates this reporting period
Twin Valley Communications, Inc.	Twin Valley Communications, Inc.	0010059640	Yes	Data included in KS State Submission	Updates included this reporting period
Twin Valley Telephone, Inc.	Twin Valley Telephone, Inc.	0002334407	Yes	Data included in KS State Submission	Updates included this reporting period
Twinmounds.com	Twinmounds.com	0018333211	No	Data included in KS State Submission	No updates this reporting period
United States Cellular Corporation	U.S. Cellular	0004372322	Yes	Data included in KS State Submission	No updates this reporting period
United Communications Association, Inc.	United Communications Association	0002327153	Yes	Data included in KS State Submission	Updates included this reporting period
United Wireless Communications, Inc.	United Wireless	0012662698	Yes	Data included in KS State Submission	Updates included this reporting period
	University Corporation for Advanced Internet Development		No	Non-Responsive	No response to recent data request
	Utopian Wireless Corporation	0016320061	No	Non-Responsive	No response to recent data request
Valnet	Valnet	0018198572	Yes	Data included in KS State Submission	Updates included this reporting period
Cellco Partnership and its Affiliated Entities	Verizon Wireless	0003290673	No	Data included in KS State Submission	Updates included this reporting period
Wamego Telecommunications Company, Inc.	Wamego Telecommunications Company, Inc.	0003746088	No	Data included in KS State Submission	Updates included this reporting period
Wave Wireless LLC	Wave Wireless LLC	0018057257	No	Data included in KS State Submission	No updates this reporting period
Wheat State Telephone, Inc.	Wheat State Telephone, Inc.	0002333672	No	Data included in KS State Submission	No updates this reporting period
Wheatland Broadband Services	Wheatland Broadband	0006150783	Yes	Data included in KS State Submission	Updates included this reporting period

WildBlue Communications, Inc.	WildBlue Communications, Inc.	0007843766	No	Data included in KS State Submission	Updates included this reporting period
Ideatek Systems Inc.	Wildflower Internet	0016098857	No	Data included in KS State Submission	Updates included this reporting period
Wilson Telephone Company, Inc.	Wilson Telephone Company, Inc.	0003722444	Yes	Data included in KS State Submission	Updates included this reporting period
Windjammer Communications LLC	Windjammer Cable	0017915182	No	Data included in KS State Submission	Updates included this reporting period
	WISP-Router, Inc.	0016099509	No	Non-Responsive	No response to recent data request
	Zayo Group, LLC	0019133826	No	Non-Responsive	No response to recent data request
	Zenda Telephone Company, Inc.	0004948253	No	Data included in KS State Submission	No updates this reporting period
Zito Midwest, LLC	Zito Media	0020111225	No	Non-Responsive	No response to recent data request