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Gillespie County

Economic Development Commission

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February 28, 2014

FCC Mail Room

Chairman Thomas Wheeler
 Commissioner Mignon Clyburn
 Commissioner Jessica Rosenworcel
 Commissioner Ajit Pai
 Commissioner Michael O'Rielly
 Jonathan Chambers
 Federal Communications Commission
 445 12th Street, SW 20024
 Washington, DC

Re: Expression of Interest – Rural Broadband Trials
 Connect America Fund, WC Docket No. 10-90

Dear Chairman Wheeler, Commissioners, and Mr. Chambers:

This letter is to express Gillespie County Economic Development Commission's interest in participating in the Rural Broadband Trials announced at the January 30th FCC Open Meeting. I do not have a specific project to propose nor do I think it is appropriate to endorse any one project from our community should more than one provider submit an Expression of Interest. What I do feel strongly about is that rural Gillespie County, Texas is largely underserved when it comes to high speed internet. As head of economic development for Fredericksburg, Texas and Gillespie County, I have been an outspoken advocate of improving broadband in our rural area. In conjunction with Connected Texas, my organization completed the first Technology Action Plan in the State. A copy of that report is attached.

Simply put, Gillespie County is an amazing community. Just in the last thirty days we have been named by Forbes Magazine as one of the top 25 places in the U.S. to retire in 2014, by CNN/Money Magazine as one of the top eight middle income communities in the Nation, and by Wine Enthusiast Magazine as one of the top ten wine travel destinations in the world. We are one of the most popular tourist destinations in Texas receiving approximately 1.5 million visitors annually. Our scenic beauty and exceptional quality of life make it a great place to live. For many of us who live here, satellite is our only internet option. While that is certainly better than nothing, it is relatively expensive and very limiting given today's high tech world.

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Because most of Gillespie County has either granite or limestone rock soils, deploying fiber or copper cable to our rural areas is not a viable solution. Wireless, in my opinion, is the way to go. Positioning small towers in topographically strategic locations could open up vast amounts of our county to wireless internet for much less money than it would take to distribute broadband via other means.

I applaud the FCC's initiative to think outside the box on this issue. The old, big telephone company way of doing things isn't working for many of us in rural areas. In my opinion, metropolitan areas are probably overserved with options while the rest of us are largely ignored. Our area is growing and our broadband needs must be addressed. Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Lehmborg', written in a cursive style.

Tim Lehmborg
Executive Director



CONNECTED
Community Engagement Program

GILLESPIE COUNTY

TECHNOLOGY ACTION PLAN

PREPARED BY **CONNECTED TEXAS**
AND THE
GILLESPIE COUNTY ECONOMIC DEVELOPMENT COMMISSION



JANUARY 23, 2013





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EXECUTIVE SUMMARY

Key Findings

Connected Texas, in conjunction with the Gillespie County Economic Development Commission, has released a Gillespie County Community Technology Action Plan following a community assessment of overall broadband and technology readiness, using criteria that analyzes broadband access, adoption, and use.

Community Technology Scorecard

Community Champion: Tim Lehmborg Community Advisor: LaTanya Tatum			
ACCESS	Broadband Availability	2	10
	Broadband Speeds	1	5
	Broadband Competition	3	5
	Middle Mile Access	10	10
	Mobile Broadband Availability	6	10
ADOPTION	Digital Literacy	6	10
	Public Computer Centers	10	10
	Broadband Awareness	10	10
	Vulnerable Population Focus	10	10
USE	Economic Opportunity	10	10
	Education	10	10
	Government	10	10
	Healthcare	10	10
COMMUNITY ASSESSMENT SCORE		98	120



Analysis of Scorecard

- Gillespie County achieved a score of 98 points out of 120 for overall broadband and technology readiness which indicates that the community is exhibiting high success in technology access, adoption, and use.
- The county scored 22 out of a possible 40 points in broadband access primarily because of some gaps in broadband availability. Access is available in the cities, but large parts of the county are sparsely populated where broadband providers find it difficult to achieve a reasonable return on investment.
- Gillespie County exceeded 32 points in the Use category. A score of 32 is required in each of the focus areas to obtain community certification.
- While the results indicate that the community has made tremendous strides and investments in technology, this technology plan will provide some insight and recommendations that will help the community continue to achieve success and ultimately, the opportunity to achieve status as a certified community.

Introduction

Today, technology plays a pivotal role in how businesses operate, the type of service consumers expect, how institutions provide services, and where consumers choose to live, work, and play. For children to succeed, access to online resources has become crucial. More importantly, the success of a community has become dependent on how broadly and deeply the community adopts technology resources – this includes access to reliable high-speed networks, digital literacy of residents, and the use of online resources locally for business, government, and leisure.

In order to determine if businesses and residents are maximizing the benefits from using high-speed Internet technologies, there is a need to determine the current state of technology before identifying gaps. Thus, the need to know the state of technology in a community – and subsequently in a state – is great. In response to this need, Connected Nation¹ developed the Connected community program to help guide a community through an assessment of its overall broadband and technology status, using criteria that Connected Nation has developed as a “community certification” model. The program helps train community team leaders and supports the formation of community planning teams made up of various sector representatives with the goal of creating an actionable plan for expanding the access to broadband infrastructure, adoption, and use of Internet technologies and becoming a certified

¹ Connected Nation, parent company for Connected Texas, is a national non-profit 501(c)(3) organization that expands access to and use of broadband Internet and the related technologies that are enabled when individuals and communities have the opportunity and desire to connect. Connected Nation works in multiple states to engage community stakeholders, state leaders, and technology providers to develop and implement technology expansion programs with core competencies centered around the mission to improve digital inclusion for people and places previously underserved or overlooked.



technology community. Funded by the National Telecommunications and Information Administration (NTIA), this effort is part of the State Broadband Initiative.

The Gillespie County Economic Development Commission is leading the way into a new economy for Gillespie County by actively participating in Connected Texas' Connected community program. Using tools provided by Connected Texas, the Gillespie County Economic Development Commission collaborated with multiple sources to assess the overall broadband and technology status in Gillespie County.

Methodology

In order to determine the state of technology in Gillespie County, the economic development commission initiated a 4-step community engagement program that consisted of:

1. Identification and empowerment of a community team leader (local champion) and creation of a community team composed of a diverse group of local residents from various sectors of the economy including education, government, healthcare, the private sector, and libraries.
2. Assessment of community technology resources.
3. Development of a community technology plan and implementation of recommended actions that will lead to community certification as a Connected community (*ongoing*).
4. Once a community is certified, the community will have an avenue to discuss its success and pursue opportunities as a recognized, technologically advanced community.

Itemized Key Findings

Gillespie County Broadband Committee identified the following key findings (in addition to findings illustrated in the community scorecard) through its technology assessment:

ACCESS

- 19 last-mile broadband providers currently provide service in Gillespie County:
 - 78.89% of households have access to 3 Mbps.
 - More than 57% of Gillespie County homes have access to 10 Mbps service.
 - Almost 82% of Gillespie County households have access to more than 1 provider.
- Middle mile fiber infrastructure is available from 3 providers in Gillespie County.
- 94.69% of Gillespie County households have access to mobile broadband.



ADOPTION

- 4 Public Computer Centers (PCC) with a total of 16 computers are open to the public.
- 2 Digital Literacy Programs exist in the community with approximately 100 graduates over the last year.
- 4 Broadband Awareness Campaigns are reaching approximately 100% of Gillespie County.
- 5 organizations are working with vulnerable populations.

USE

- At least 8 uses of broadband were identified in the area of economic opportunity including 3 advanced uses and 5 basic uses.
- At least 8 uses of broadband were identified in the area of education including 6 advanced uses and 2 basic uses.
- At least 7 uses of broadband were identified in the area of government including 5 advanced uses and 2 basic uses.
- At least 10 uses of broadband were identified in the area of healthcare including 1 advanced use and 9 basic uses.

Through the broadband mapping and inventory undertaken by both Connected Texas and the Gillespie County Economic Development Commission, several Community Anchor Institutions (CAI) were identified. They are broken down by type below:

	CAI Type	Number of CAIs
1	School K-12	14
2	Library	2
3	Medical/Healthcare	1
4	Public Safety	7
5	University, College, Other Post-Secondary	1
6	Other Community Support – Government	2
7	Other Community Support – Nongovernment	0

In addition to the items identified above, the Gillespie County Economic Development Commission identified the following technology resources in the community:

Technology Providers

- 19 broadband providers were identified in Gillespie County
- 1 network developer
- 1 web developer



Technology Facilities

- 4 public computing centers
- 16 wireless hotspots

Community Websites

- 7 Business-related websites (excluding private businesses)
- 7 Education-related websites
- 7 Government-related websites
- 10 Healthcare-related websites
- 53 Tourism-related websites

Priority Projects

This exercise has culminated in the outlining of projects to allow the community to continue its recognized excellence in technology and broadband planning across the community. Below are seven priority projects, each describing a project plan with suggested steps. This is followed by a complete list of all recommended actions.

Work with a Local Developer to Build a Network

Project Description

Gillespie County Economic Development is collaborating with 4ip Technology and Connected Texas on a project to expand broadband availability within Gillespie County. 4ip Technology is a local company headed by Patrick King, a young and dynamic entrepreneur, who has built an IT support/services company and B2B wireless broadband services. With the support of Tim Lehmsberg, Executive Director at Gillespie Economic Development, Mr. King is engineering a fixed wireless network. The process involves identifying and evaluating many potential tower sites and designing a self-contained transceiver platform that can be deployed rapidly with high reliability. The goal is to install a beta unit in the first quarter of 2013 and additional units by the second quarter.

Goals

1. Expand broadband availability to unserved areas using fixed wireless technology.

Action Items

1. Conduct market analysis and demand assessment with expanded stakeholder involvement.
2. Build mobile tower unit(s) for testing.
3. Identify strategic locations for deployment and secure access rights.
4. Install and configure fixed wireless equipment
5. Conduct throughput and reliability tests and modify as needed.
6. Support, monitoring and maintenance of fixed wireless system.



Implementation Team

Patrick King and Tim Lehmberg

Develop a Network of Vineyards

Project Description

Gillespie County is well-known for its tourism industry. Two of the major attractions to this county are its many vineyards and wineries. It is recommended that a network of operating wineries and vineyards be created to serve as a one-stop shop for information, news, events, etc.

Goals

1. Increase the online presence of local vintners, especially those smaller yards that may not have technological resources to sustain their own website.
2. Encouraging local vintners to develop an online network (visitor's guide) that can assist in increasing tourism to Gillespie County, while helping to facilitate positive relationships within the local business community.

Action Items

1. Create the Gillespie County Vintner Association (members could pay annual dues to be a part of the Association, which would be used to maintain the network [website]).
2. Create a website of all local vintners that are willing to participate in the vintner association, similar to these websites: <http://www.winecountry.com/> and <http://www.napavintners.com/>.
3. Work with local web developers to develop and maintain this website.

Implementation Team

To be determined.

Develop a Network of Bed & Breakfasts

Project Description

Gillespie County is well known for its tourism industry. One of the major attractions to this county is its highly diverse lodging accommodations. It is recommended that a network of operating bed and breakfast inns be created to serve as a one-stop-shop for information, news, events, etc.



Goals

1. Increase the online presence of local bread and breakfast inns, especially smaller facilities that may not have technological resources to sustain their own website.
2. By encouraging local bread and breakfast innkeepers to develop an online network (visitor's guide), this can assist in increasing tourism to Gillespie County, and also help to facilitate positive relationships within the local business community.

Action Items

1. Create and recruit local owners for the Gillespie County Association of Bed and Breakfast Inns (members could pay annual dues to be a part of the Association, which would be used to maintain the network [website]).
2. Create a comprehensive network (website) of local inns that can be used for visitors to secure lodging and read and post reviews.
3. Work with local web developers to develop and maintain this website.

Implementation Team

To be determined.

Apply to USDA for Funding Support to Build out Broadband in Community

Project Description

The USDA, through its Rural Development mission area, administers and manages housing, business, and community infrastructure and facility programs through a national network of state and local offices. Rural Development has an active portfolio of more than \$165 billion in loans and loan guarantees. These programs are designed to improve the economic stability of rural communities, businesses, residents, farmers and ranchers, and improve the quality of life in rural areas.

Farm Bill Loan Program - USDA

This program is designed to provide loans for funding, on a technology neutral basis, for the costs of construction, improvement, and acquisition of facilities and equipment to provide broadband service to eligible rural communities.

Community Connect Program – USDA

Provides community access to broadband services in unserved areas through a one-time grant to such organizations as tribes, cooperatives, private companies, and universities, and uses the infrastructure built by the grant to create opportunities for continued improvement.



Distance Learning and Telemedicine Loans and Grants Program – USDA

Provides loans and grants to rural community facilities (e.g. schools, libraries, hospitals, and tribal organizations) for advanced telecommunications systems that can provide healthcare and educational benefits to rural areas.

Universal Service Rural Health Care Program – Universal Service Administration Company

The Rural Health Care program supports healthcare providers serving rural communities by funding telecommunications services necessary for the provision of healthcare. The program is intended to ensure that rural healthcare providers pay no more for telecommunications in the provision of healthcare services than their urban counterparts.

Create a Technology Mentorship Program

Project Description

Initiate a program designed to recruit local high school or college students who excel in school and exhibit advanced leadership and technology skills to assist in technology training, technical support, and outreach efforts in their communities. Recognizing students as a powerful resource for local outreach efforts, the program will challenge students to extend their technology experiences beyond the classroom. The program essentially taps into a technology knowledge base that exists through these exceptional students. Students will be required to develop programs such as training seniors to use computers, initiating a computer refurbishing program, offering basic computer training for local communities, building websites, etc.

Goals

Utilize student technology knowledge to implement community programs.

Procure a Multipurpose Mobile Technology Center

Project Description

Partner with the public library or school system to acquire a bus (or equip a bookmobile) with laptop computers and wireless Internet service to deliver technology access and programs to unserved residents in remote areas in the community. Equipped with an instructor, the mobile technology center should provide digital literacy classes, job search assistance, e-learning programs, information during community events, and emergency assistance. Beyond training and education, the mobile technology center should be utilized to target and reach unserved or underserved members of the community and to provide them a medium for participating in the community's technology-planning process.



Examples of existing mobile technology centers include:

- St. Louis Community College Mobile Tech Center
- El Paso Public Library Tech-Mobile
- State Library of Ohio Mobile Technology Training Center
- Pike County Public Library District Mobile Technology Center

Goals

1. Provide unserved and underserved residents with computer and Internet access.

Action Items

1. Equip the vehicle with the following items:
 - a. 10-20 laptops equipped with appropriate software.
 - b. A wireless modem that interfaces with a wireless relay station on the vehicle. Signals can be sent from any remote site in the community to a partnering organization (e.g. public library) for deployment to the Web, television, or other medium.
 - c. Large screen TV.
 - d. Smart board for instruction.
 - e. Wheelchair accessible workstations.
 - f. Networked printer.
 - g. Full-time instructor(s).
2. Develop a schedule of mobile technology center visits.

Establish a "Community Technology Academy"

Project Description

Develop partnership between libraries, community centers, churches (places with computer labs for public use) and schools, community colleges and universities (places with subject matter experts) to develop a "Community Technology Academy." Providers, local businesses, and community volunteers may be included to provide financial and/or in-kind support for the program. Academy curriculum should include basic training in areas such as "Introduction to Computers," "Internet Basics," social networking, using communication technologies, and the use of applications such as Microsoft Office, OpenOffice, or Google Docs.

Goals

1. Create a partnership to underscore a community's commitment to developing a tech-savvy workforce.



Action Items

1. Identify all organizations performing technology education and training services.
2. Identify all the organizations that have computer labs.
3. Compile a list of classes to be offered and developing content or leveraging content that is currently available at minimum or no cost from organizations such as Microsoft.
4. Determine what classes are currently being offered in the community.
5. Develop a collaborative and cooperative approach for operating the "Community Technology Academy."

Complete List of Recommended Actions

Below is a complete list of 18 recommended actions. Numbered actions indicate those recommended by Connected Texas, whereas non-numbered actions indicate those developed by the Gillespie County Economic Development Commission. Detailed descriptions of each solution proposed by Connected Texas can be found in the *Recommended Actions* section later in this report.

ACCESS

Broadband Availability

Work with a Local Developer to Build a Network

1. Apply to USDA for Funding Support to Build out Broadband in Community (Priority Project)

Broadband Speeds – No recommended actions.

Broadband Competition

2. Develop Public-Private Partnerships to Deploy Broadband Service
3. Study and Possibly Reassess Major Telecom Purchase Contracts

Middle Mile Access – No recommended actions.

Mobile Broadband Availability

4. Identify, Map, and Validate Broadband Demand
5. Perform a Broadband Build-out Analysis in Unserved Areas
6. Complete a Vertical Assets Inventory
7. Perform Analysis of Local Policies and Ordinances
8. Develop & Issue an RFP for Build-out



INTRODUCTION

Purpose

The purpose of the report is to summarize the assessment of Gillespie County's current capacity for encouraging the Access, Adoption, and Use of technology as well as the best next steps for addressing any deficiencies or opportunities for improving Gillespie County's technology landscape. (Community assessment results and recommended actions are provided later in this report.)

Background

Today, high-speed Internet access plays an integral role in how we conduct our business and how we live our lives on a day-to-day basis. As noted in the National Broadband Plan, a high-speed network is "a foundation for economic growth, job creation, global competitiveness and a better way of life."² Despite the growing dependence on technology, as of 2012 nearly 34% of Americans did not have a high-speed connection at home.³ Further, 14 million Americans are lacking access to broadband infrastructure that can support today's and tomorrow's applications.⁴ Connected Nation's studies also show that 17 million families with children do not have broadband at home – and 7.6 million of these children live in low-income households. In 2010 Connected Nation surveyed 9,650 businesses in 11 states and Puerto Rico. Based on this data, Connected Nation estimates that at least 2.1 million businesses - 28% - in the United States do not utilize broadband technology today.⁵

2 *Connecting America: The National Broadband Plan*, Federal Communications Commission, April 2010, <http://www.broadband.gov/download-plan/>

3 Pew Internet and American Life Project <http://pewinternet.org/Trend-Data-%28Adults%29/Home-Broadband-Adoption.aspx> (suggests that 66% have access to Broadband).

4 Federal Communications Commission, *Connecting America: The National Broadband Plan*, March 17, 2010, p. 20.

5 Connected Nation, *Broadband and Business: Leveraging Technology to Stimulate Economic Growth*, <http://www.connectednation.org/survey-results/business>, 2010.



In this age of technology a number of factors have forced businesses to change time-honored models of operation, including global competition and a demand for faster and more personalized services from consumers. Research shows that businesses that use high-speed Internet generate more revenue⁶ and experience the most direct benefit of high-speed Internet with increased sales, profit, and growth. Gaining benefits from the implementation of high-speed Internet is not just for large corporations. For smaller businesses and entrepreneurs in small communities, technology creates an even playing field with companies much larger than themselves. Where small businesses were once limited to whatever local customers they could attract through local advertising, e-commerce allows small or even home-based businesses to operate and sell their goods on a national and sometimes international scale.

Schools, colleges, universities, and community and technical colleges continue to find new ways and tools to educate the students of the digital age. With the evolution of social networking and mobile applications, educational institutions are using these tools to communicate effectively with students.

The healthcare sector also relies on technology. On a daily basis, doctors must keep up with the latest research; patient records have to be easily accessible and accurate; and images, test results, and prescriptions have to be delivered promptly, without errors, to practitioners, pharmacies, and insurance providers. Network-based technologies like videoconferencing and digital stethoscopes allow specialists to consult with rural patients, reducing travel time and hazards. This ability to reach rural patients through technology has allowed many people to seek treatment that otherwise may not have done so.

Families are relying more and more on technology for services, education, information, communication, news, and improving their quality of life. Digital literacy training has become the most basic means by which communities and institutions work to teach community members basic skills that allow them to navigate the Internet, perform basic functions, and become a skilled workforce for potential investors.

Local governments have also seen the importance of an online presence. Local governments provide communities with many services, offer a great deal of local information, and encourage public involvement and awareness. The demand for faster and better services has increased the need for high-speed networks.

⁶ Connected Nation, *Broadband & Business Leveraging Technology to Stimulate Economic Growth*, [http://www.connectednation.org/sites/default/files/broadband and business - connected nation.pdf](http://www.connectednation.org/sites/default/files/broadband%20and%20business%20-%20connected%20nation.pdf).



In order to address challenges associated with the lack of high-speed access, adoption, and use, Connected Texas is working to help communities identify their technology needs and opportunities. Bolstered by benchmarking data that has been gathered through Connected Texas' mapping and market research, the Connected community program is drilling down to the regional and local levels to facilitate community technology planning. Through this program, regions and communities are aiming to accelerate the access, adoption, and use of technology toward creating a better business environment, more effective community and economic development, improved healthcare, enhanced education, and more efficient government. Essentially Connected Texas is helping communities create a forum and structure to take informed actions that help to:

- Improve a community's technology and broadband landscape.
- Identify a community's technology assets.
- Increase economic opportunity, education, healthcare, and e-government in a community.
- Connect a community to technology opportunities and partnerships.
- Leverage a community's existing technology innovations.
- Help a community make strides towards achieving goals outlined in the statewide strategic plan.



DETAILED FINDINGS

Gillespie County Assessment Findings

Today, residents in Gillespie County (or sections of the community) are served by 19 providers. Currently broadband is defined as Internet service with advertised speeds of at least 768 Kbps downstream and 200 Kbps upstream. According to Connected Texas' latest broadband mapping update, the following providers have a service footprint in the Gillespie County Community:

Broadband Providers	Technology Type	Website Reference
AT&T Mobility LLC	Mobile Wireless	http://www.wireless.att.com
Bee Creek Communications, Inc.	Fixed Wireless	http://beecreek.net
Cricket Communications, Inc.	Mobile Wireless	http://www.mycricket.com/broadband
DISH Network Corporation	Satellite	http://www.dishnetwork.com
Hill Country Telephone Cooperative, Inc.	Fixed Wireless, DSL	http://www.hctc.coop/en/home.html
Hughes Network Systems, LLC	Satellite	http://www.hughesnet.com
Sprint	Mobile Wireless	http://sprint.com
StarBand Communications	Satellite	http://starband.com
Suddenlink Communications, LLC	Cable	http://www.suddenlink.com
Texas Wireless Internet	Fixed Wireless	http://www.txwinet.com/service_rates.php
TexasData	Wireless	http://www.texasdata.net
Texxa Internet Services	Fixed Wireless	http://www.texxa.net
Time Warner Cable	Cable	http://www.timewarnercable.com
T-Mobile	Mobile Wireless	http://www.t-mobile.com
Verizon	DSL	http://www.verizon.com
Verizon Wireless	Mobile Wireless	http://www.verizonwireless.com
ViaSat	Satellite	http://www.viasat.com
West Central Net	Fixed Wireless	http://www.wcsonline.net
Windstream Communications Kerrville, L.P.	DSL	http://www.windstream.com/residential/broadband



Below is a list of community websites (sorted by category) designed to share and promote local resources.

Organization Name	Website	Website Category
Charlie's Grill & BBQ	http://www.charliesgrillnbbq.com	Business
Gatti's Pizza	http://www.gattispizza.com	Business
IHS Studios, Inc.	http://www.ihsstudios.com	Business
InSight Gallery	http://www.insightgallery.com	Business
Michael Roche Photography	http://www.michaelroche.net	Business
Pizza Hut	http://www.pizzahut.com	Business
SystemsGo	http://www.systemsgo.org	Business
Ambleside School of Fredericksburg	http://www.amblesidefredericksburg.com	Education
Bethany Pre-School	http://www.bethanyfredericksburg.com	Education
Fredericksburg Independent School District	http://www.fisd.org	Education
Harper Independent School District	http://www.harperisd.org	Education
Heritage School	http://www.heritage-school.net	Education
St. Mary's Catholic School	http://school.stmarysfbg.com	Education
Texas Tech – Fredericksburg	http://www.depts.ttu.edu/hillcountry	Education
City of Fredericksburg	http://www.fbgtx.org	Government
Fredericksburg Chamber of Commerce	http://www.fredericksburg-texas.com	Government
Fredericksburg Volunteer Fire Department	http://www.fvfd1883.org	Government
Gillespie Central Appraisal District	http://www.gillespiecad.org	Government
Gillespie County	http://www.gillespiecounty.org	Government
Harper Volunteer Fire Department	http://www.harper-vfd-ems.com	Government
Stonewall, Texas	http://www.stonewalltexas.com	Government
Dr. Michael L. Walker	http://www.mwalkermd.com	Healthcare
Fredericksburg Clinic	http://fredericksburgclinic.com	Healthcare
Heritage Place of Fredericksburg	http://heritageplaceoffredericksburg.com	Healthcare
Hill Country Health & Wellness Center	http://www.hillcountryclinic.org	Healthcare
Hill Country Memorial	http://hillcountrymemorial.org/Main/Home.aspx	Healthcare



Knopp Healthcare Services	http://www.knopphealthcareservices.com	Healthcare
MorningStar Memory Care of Fredericksburg, LLC	http://www.morningstarmemorycare.com	Healthcare
The Good Samaritan Center	http://www.goodsamfbg.org/home	Healthcare
The Paige House	http://www.thepaigehouse.com	Healthcare
TriStar Care Center Nursing & Rehabilitation	http://www.tristarcarecenter.com	Healthcare
4.0 Cellars	http://www.fourpointwine.com	Tourism
A Quiet Hill Ranch	http://www.quiethillranch.com	Tourism
Above and Beyond Day Spa	http://www.fredericksburg-massage.com	Tourism
Agave Gallery Fine Art	http://www.agavegallery.com	Tourism
Artisans at Rocky Hill	http://www.artisansatrockyhill.com	Tourism
Becker Vineyards and Lavender Farm	http://www.beckervineyards.com	Tourism
Bell Mountain Vineyards	http://www.bellmountainwine.com	Tourism
Boot Ranch	http://www.bootranch.com	Tourism
Buck Valley Ranch	http://www.buckvalley.com	Tourism
Charles Beckendorf Gallery	http://www.beckendorf.com	Tourism
Chisholm Trail Winery	http://www.chisholmtrailwinery.com	Tourism
D'Vine Wine of Fredericksburg	http://www.fredericksburg.dvinewineusa.com	Tourism
European Day Spa of Fredericksburg	http://www.europafredericksburg.com	Tourism
Eyfells and Eyfells	http://www.eyfellsandeyfells.com	Tourism
Fiesta Winery Fredericksburg	http://www.fiestawinery.com	Tourism
Fischer & Wieser's das Peach Haus	http://www.jelly.com	Tourism
Fredericksburg Art Guild	http://www.fredericksburgartguild.org	Tourism
Fredericksburg Concierge and Tour Service	http://www.fredericksburg-concierge.com	Tourism
Fredericksburg Food & Wine Fest	http://www.fbgfoodandwinefest.com	Tourism
Fredericksburg Herb Farm	http://www.fredericksburgherbfarm.com	Tourism
Fredericksburg Limo & Wine Tour	http://www.FredericksburgTexasLimos.com	Tourism
Fredericksburg Tennis Association	http://www.playtennisfredericksburgtx.com	Tourism
Fredericksburg Theater Company	http://fredericksburgtheater.org	Tourism
Friends of Enchanted Rock	http://www.friendsofenchantedrock.com	Tourism
Friends of Fredericksburg	http://www.fredericksburgnaturecenter.org	Tourism



Nature Center		
Grape Creek Vineyards	http://www.grapecreek.com	Tourism
Hill Country Bicycle Works, Inc.	http://www.hillcountrybicycle.com	Tourism
Hill Country Express Tours	http://www.hillcountryexpresstours.com	Tourism
Hilmy Cellars	http://www.hilmywine.com	Tourism
Larry Jackson Antiques & Estate Services	http://www.larryjacksonantiques.com	Tourism
Luckenbach, Texas	http://www.luckenbachtexas.com	Tourism
Messina Hof Hill Country	http://www.messinahof.com/mhhillcountry/index.htm	Tourism
National Museum of the Pacific War	http://www.pacificwarmuseum.org	Tourism
New Spin 360 LLC	http://www.insidefredericksburgtx.com	Tourism
P.C.A.A./Oktoberfest	http://www.oktoberfestinfbg.com	Tourism
Pedernales Cellars	http://www.pedernalescellars.com	Tourism
Pioneer Museum	http://www.pioneermuseum.net	Tourism
Race Barn	http://www.theracebarn.com	Tourism
Rancho Ponte Vineyard	http://www.ranchoponte.com	Tourism
River Rustic Gallery	http://www.riverrustic.com	Tourism
RM Enterprises	http://www.moseleyhuntingcamps.com	Tourism
Rockbox Theater	http://www.rockboxtheater.com	Tourism
RS Hanna Gallery	http://www.rshannagallery.com	Tourism
Serenity Day Spa	http://www.SerenitySpaAtTheInn.com	Tourism
Texas Hills Vineyard	http://www.texashillsvineyard.com	Tourism
Texas Wine Tours	http://www.texas-wine-tours.com	Tourism
Torre di Pietra Vineyards & Winery	http://www.texashillcountrywine.com	Tourism
Vaudeville	http://www.vaudeville-living.com	Tourism
Whistle Pik Galleries	http://www.whistlepik.com	Tourism
White Oak Studio	http://www.whiteoakstudio.com	Tourism
Wildflower Ridge Alpacas	http://www.wr-alpaca-ranch.com	Tourism
Wildseed Farms, Inc.	http://www.wildseedfarms.com	Tourism
Zulu Helicopters	http://www.zuluhelicopters.com	Tourism



Below is a list of local technology companies that are providing technical services or distributing/selling technical resources.

Company Name	Website	Provider Type
4ip Technology & Media	www.4iptech.com	Network Developer
Cloud Tippers, LLC	www.cloudtippers.com	Website Developer

Below is a list of organizations that are making technological resources available to the community. These include organizations that provide videoconferencing, public computing, and wireless hotspots.

Organization Name	Resource Type
Pioneer Memorial Library	Public Computer Center
Harper Library	Public Computer Center
Golden Hub	Public Computer Center
Texas Workforce Commission	Public Computer Center
AT&T Retail Store	Wireless Hotspot
Clear River Pecan Co.	Wireless Hotspot
Comfort Inn Suites	Wireless Hotspot
Cottages at Limestone on Main	Wireless Hotspot
Der Stall Bed & Breakfast	Wireless Hotspot
Econo Lodge	Wireless Hotspot
Fredericksburg RV Park	Wireless Hotspot
Gastehaus Schmidt Reservation Service	Wireless Hotspot
Hampton Inn & Suites	Wireless Hotspot
McDonald's	Wireless Hotspot
Oakwood RV Resort	Wireless Hotspot
Quality Inn	Wireless Hotspot
Stagecoach Theatre	Wireless Hotspot
Sweet Marley's	Wireless Hotspot
Town Creek Bed & Breakfast	Wireless Hotspot



Connected Summary

Community Technology Scorecard

Community Champion: Tim Lehmborg

Community Advisor: LaTanya Tatum

ACCESS	Broadband Availability	2	10
	Broadband Speeds	1	5
	Broadband Competition	3	5
	Middle Mile Access	10	10
	Mobile Broadband Availability	6	10
TOTAL ACCESS SCORE			
ADOPTION	Digital Literacy	8	10
	Public Computer Centers	10	10
	Broadband Awareness	10	10
	Vulnerable Population Focus	10	10
TOTAL ADOPTION SCORE			
USE	Economic Opportunity	10	10
	Education	10	10
	Government	10	10
	Healthcare	10	10
TOTAL USE SCORE			
COMMUNITY ASSESSMENT SCORE		98	120



ACCESS Score Breakdown

Broadband Availability (2 out of 10 Points Possible) – is measured by analyzing provider availability of 3 Mbps broadband service gathered by Connected Nation’s broadband mapping program. In communities that may have broadband data missing, community teams were able to improve the quality of data to ensure all providers are included.

- According to the October 2012 data collected by Connected Texas, 78.89% of Gillespie County residents had access to broadband speeds of 3 Mbps or greater.

Broadband Speeds (1 out of 5 Points Possible) – is measured by analyzing the speed tiers available within a community. Connected Nation will analyze broadband data submitted through its broadband mapping program. Specifically, Connected Nation will break down the coverage by the highest speed tier with at least 75% of households covered. In communities that may have broadband data missing, community teams were able to improve the quality of data to ensure all providers are included.

- According to the October 2012 data collected by Connected Texas, 78.89% of Gillespie County residents had access to broadband speeds of 3 Mbps.

Broadband Competition (3 out of 5 Points Possible) – is measured by analyzing the number of broadband providers available in a particular community and the percentage of that community’s residents with more than one broadband provider available. Connected Nation performed this analysis by reviewing the data collected through the broadband mapping program. In communities that may have broadband data missing, community teams were able to improve the quality of data to ensure all providers are included.

- According to the October 2012 data collected by Connected Texas, 81.79% of Gillespie County residents had access to more than one broadband provider.