



A. APPELLANT INFORMATION	
Company Name	Minburn Telephone Company
Address	416 Chestnut Street
City	Minburn
State	Iowa
Zip	50167
B. DESIGNATED CONTACT INFORMATION	
Contact Name	Debra Lucht
Contact Phone Number	515-438-2200
Contact Email	debl@minburncomm.com
C. CERTIFICATION/ATTESTATION/AFFIRMATION	
In signing and submitting this form, the above-identified company, and its duly authorized representative signing on behalf thereof, hereby affirms, attests, and certifies under penalty of perjury that, as represented in its submission: Choose one option that describes company/affiliation status.	
<p>Company, consistent with the representations made in this form, and regardless of whether your company's prior reporting to to the FCC or State of Iowa was correct or in error as of July 1, 2021, either:</p> <p>(a.) Facilitated material Broadband service according to the designated Tier speed indicated on the Map; or <input type="checkbox"/></p> <p>(b.) Did NOT Facilitate Broadband according to the designated Tier speed in the identified census blocks.</p>	
<p>Another unaffiliated company, as of July 1, 2021, consistent with the representations made in this form, either: (a.) Facilitated material Broadband service according to the designated Tier speed indicated on the Map; or (b.) Did NOT Facilitate Broadband according to the designated Tier speed in the identified census blocks. <input checked="" type="checkbox"/></p>	
D. ADDITIONAL EXPLANATION (To the extent you believe additional explanation is required to ensure that you are communicating full and accurate information, please use the below space to further explain, qualify, or substantiate your above certification/attestation/affirmation. To the extent necessary, please feel free to upload additional explanations/supporting documentation.	
<p>Minburn Telephone Company (Minburn) is submitting this challenge for the census blocks reflected herein and also included in its Perry Rural NOFA #006 grant application. The census blocks included in this challenge are reflected as having broadband service offerings at speeds that are deeming the areas as ineligible for grant funding per the OCIO map. However, as reflected in the attached supporting documentation, the speeds being reported by the service providers in these census blocks are overstated by the providers. Based on the due diligence conducted by Minburn's staff, Minburn believes each of the census blocks included in this challenge should be deemed eligible for grant funding under the NOFA #006 and should be reflected as Tier 1 for funding support.</p>	
E. SIGNATURE* By typing your full name you are affixing your signature to this form and attesting to the accuracy of the information submitted herein.	
Authorized Signature:	Debra Lucht
Title:	CEO/General Manager
Date:	July 20, 2021

***PLEASE READ BEFORE SIGNING:** By signing and submitting this form, I, on my own behalf or as a representative of the company identified above, as applicable, expressly represent that I am authorized to make the above factual representation on behalf of said company and/or myself, as applicable, and under penalty of perjury as authorized by Iowa Code section 622.1 and pursuant to the laws of the state of Iowa, certify the following with respect to this form submitted on behalf of said company and/or myself: any statements, representations, warranties, certifications, or attestations made in this form, including any attachments or enclosures associated therewith, are true and accurate; I, on behalf of said company and/or myself, have not knowingly made any false statements or representations in this form. In addition to any criminal penalties authorized by Iowa Code section 720.2 that may result from any false statements of material fact made herein or any other remedies available at law, equity, or otherwise, if it is subsequently determined that I have made a statement, representation, warranty, certification, or attestation in this form, or any attachments or enclosures associated herewith, that is later proven untrue in any material respect, the company on which I submitted this form on behalf of may be disqualified from current incentive programs administered by the Office or may be ordered to repay the Office the entire amount of any funds previously distributed by the Office to said company in connection with any current incentive programs administered by the Office. OCIO makes no guarantees as to whether the information supplied by you will result in any change to the Broadband Availability Map V4 or the way any incentive decisions are reviewed, scored, or decided. This form, as completed, any attachments hereto, and any other information or materials submitted to the Office in connection with this form or related inquiry, shall be considered public records and shall be made available for public examination and/or disseminated upon request by third parties as required by Iowa Code chapter 22. The Office reserves the right to reject this form and related consider any information communicated through this form as neither credible nor probative if this form is not fully and properly filled out.

Please familiarize yourself with the following terms prior to determining whether a broadband block may be appealed.

Targeted Service Area	A Targeted Service Area (TSA) is a census block within which no communications service provider offers or facilitates broadband service at or above the tier 1, tier 2, or tier 3 download and upload speeds.
Existing Broadband Speed Tiers	The speed tiers used to determine whether a broadband block qualifies as a Targeted Service Area on the Statewide Broadband Availability Map.
Tier 1	A maximum download speed of less than 25 megabits per second (Mbps) and a maximum upload speed of less than 3 Mbps.
Tier 2	A minimum download speed of greater than or equal to 25 Mbps but less than 50 Mbps. No minimum upload speed is applicable for Tier 2.
Tier 3	A minimum download speed of greater than or equal to 50 Mbps but less than 80 Mbps. No minimum upload speed is applicable for Tier 3.
Non-TSA	A non-TSA is a census block in which speeds are Facilitated at greater than equal to 80 Mbps
Facilitate	A communication service provider's ability to provide broadband service at or above the download and upload speeds defined above to a home, farm, school, or business within a commercially reasonable time and at a commercially reasonable price upon request by a consumer. This does <i>not</i> pertain to the Broadband Infrastructure used to facilitate said service; Broadband Infrastructure is <i>not</i> a basis for appeal.

CENSUS BLOCK ID	Prior Reporting to FCC or Connected Nation Definitions 1. <u>In Error</u> means data was reported incorrectly to FCC or Connected Nation. 2. <u>Correct</u> means data was reported corectely to FCC or Connected Nation. 3. <u>No Response</u> means data was not reported to FCC or Connected Nation. 4. <u>Unknown</u> means data is incorrect for unknown reasons	Speed Tier that is reflected on Map v.4	What do you believe the Map should reflect for Facilitated service as of July1, 2021?
190150206001255	Unknown	Non-TSA	Tier 1
190150206001240	Unknown	Non-TSA	Tier 1
190150206001239	Unknown	Non-TSA	Tier 1
190150206001233	Unknown	Non-TSA	Tier 1
190150206001242	Unknown	Non-TSA	Tier 1
190150206001212	Unknown	Non-TSA	Tier 1
190150206001259	Unknown	Non-TSA	Tier 1
190150206001218	Unknown	Non-TSA	Tier 1
190150206001215	Unknown	Non-TSA	Tier 1
190150206001249	Unknown	Non-TSA	Tier 1
190150206001247	Unknown	Non-TSA	Tier 1
190150206001250	Unknown	Non-TSA	Tier 1
190730801001119	Unknown	Non-TSA	Tier 1
190730801001120	Unknown	Non-TSA	Tier 1
190730801001117	Unknown	Non-TSA	Tier 1
190150206001278	Unknown	Non-TSA	Tier 1
190150206001258	Unknown	Non-TSA	Tier 1
190150206001284	Unknown	Non-TSA	Tier 1
190150206001245	Unknown	Non-TSA	Tier 1
190150206001282	Unknown	Non-TSA	Tier 1
190150206001294	Unknown	Non-TSA	Tier 1
190150206001241	Unknown	Non-TSA	Tier 1
190150206001289	Unknown	Non-TSA	Tier 1

190150206001251	Unknown	Non-TSA	Tier 1
190150206001332	Unknown	Non-TSA	Tier 1
190150206001293	Unknown	Non-TSA	Tier 1
190150206001281	Unknown	Non-TSA	Tier 1
190150206001292	Unknown	Non-TSA	Tier 1
190150206001290	Unknown	Non-TSA	Tier 1
190150206001256	Unknown	Non-TSA	Tier 1
190150206001252	Unknown	Non-TSA	Tier 1
190150206001288	Unknown	Non-TSA	Tier 1
190150206001285	Unknown	Non-TSA	Tier 1
190150206001287	Unknown	Non-TSA	Tier 1
190150206001257	Unknown	Non-TSA	Tier 1
190150206001286	Unknown	Non-TSA	Tier 1
190150206001296	Unknown	Non-TSA	Tier 1
190150206001295	Unknown	Non-TSA	Tier 1
190150206001253	Unknown	Non-TSA	Tier 1
190150206001283	Unknown	Non-TSA	Tier 1
190150206001280	Unknown	Non-TSA	Tier 1
190150206001279	Unknown	Non-TSA	Tier 1
190150206001291	Unknown	Non-TSA	Tier 1
190490502002041	Unknown	Non-TSA	Tier 1
190490505001001	Unknown	Non-TSA	Tier 1
190490505001002	Unknown	Non-TSA	Tier 1
190490505001020	Unknown	Non-TSA	Tier 1
190490502002015	Unknown	Non-TSA	Tier 1
190490502002013	Unknown	Non-TSA	Tier 1
190490505001000	Unknown	Non-TSA	Tier 1
190490502002009	Unknown	Non-TSA	Tier 1
190490503003007	Unknown	Non-TSA	Tier 1
190490505001009	Unknown	Non-TSA	Tier 1
190490502002039	Unknown	Non-TSA	Tier 1
190490505001006	Unknown	Non-TSA	Tier 1
190490502002016	Unknown	Non-TSA	Tier 1
190490504003004	Unknown	Non-TSA	Tier 1
190490505001021	Unknown	Non-TSA	Tier 1
190490505001003	Unknown	Non-TSA	Tier 1

190490502002011	Unknown	Non-TSA	Tier 1
190490502002043	Unknown	Non-TSA	Tier 1
190490502002040	Unknown	Non-TSA	Tier 1
190490502002014	Unknown	Non-TSA	Tier 1
190490502002010	Unknown	Non-TSA	Tier 1
190490505001033	Unknown	Non-TSA	Tier 1
190490505001034	Unknown	Non-TSA	Tier 1
190490503003001	Unknown	Non-TSA	Tier 1
190490504003005	Unknown	Non-TSA	Tier 1
190490502002012	Unknown	Non-TSA	Tier 1
190490505001024	Unknown	Non-TSA	Tier 1
190490505001004	Unknown	Non-TSA	Tier 1
190490503001035	Unknown	Non-TSA	Tier 1
190490502002042	Unknown	Non-TSA	Tier 1
190730801001155	Unknown	Non-TSA	Tier 1
190730801001161	Unknown	Non-TSA	Tier 1
190730801001159	Unknown	Non-TSA	Tier 1
190730801001167	Unknown	Non-TSA	Tier 1
190730801001153	Unknown	Non-TSA	Tier 1
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190490505001076	Unknown	Non-TSA	Tier 1
190490505001029	Unknown	Non-TSA	Tier 1
190490505001134	Unknown	Non-TSA	Tier 1
190490505001104	Unknown	Non-TSA	Tier 1
190490505001120	Unknown	Non-TSA	Tier 1
190490505001129	Unknown	Non-TSA	Tier 1
190490505001150	Unknown	Non-TSA	Tier 1
190490505001147	Unknown	Non-TSA	Tier 1
190490505001075	Unknown	Non-TSA	Tier 1
190490504001061	Unknown	Non-TSA	Tier 1
190490504001029	Unknown	Non-TSA	Tier 1
190490505001051	Unknown	Non-TSA	Tier 1
190490505001059	Unknown	Non-TSA	Tier 1
190490505001027	Unknown	Non-TSA	Tier 1
190490505001049	Unknown	Non-TSA	Tier 1
190490505001028	Unknown	Non-TSA	Tier 1

190490505001077	Unknown	Non-TSA	Tier 1
190490505001074	Unknown	Non-TSA	Tier 1
190490505001145	Unknown	Non-TSA	Tier 1
190490505001054	Unknown	Non-TSA	Tier 1
190490502002044	Unknown	Non-TSA	Tier 1
190490505001113	Unknown	Non-TSA	Tier 1
190490502002050	Unknown	Non-TSA	Tier 1
190490505001135	Unknown	Non-TSA	Tier 1
190490505001121	Unknown	Non-TSA	Tier 1
190490505001069	Unknown	Non-TSA	Tier 1
190490505001116	Unknown	Non-TSA	Tier 1
190490505001168	Unknown	Non-TSA	Tier 1
190490505001127	Unknown	Non-TSA	Tier 1
190490505001079	Unknown	Non-TSA	Tier 1
190490505001118	Unknown	Non-TSA	Tier 1
190490505001078	Unknown	Non-TSA	Tier 1
190490502002048	Unknown	Non-TSA	Tier 1
190490502002081	Unknown	Non-TSA	Tier 1
190490505001146	Unknown	Non-TSA	Tier 1
190490505001073	Unknown	Non-TSA	Tier 1
190490505001128	Unknown	Non-TSA	Tier 1
190490505001149	Unknown	Non-TSA	Tier 1
190490502002047	Unknown	Non-TSA	Tier 1
190490505001115	Unknown	Non-TSA	Tier 1
190490505001071	Unknown	Non-TSA	Tier 1
190490505001148	Unknown	Non-TSA	Tier 1
190490505001047	Unknown	Non-TSA	Tier 1
190490505001122	Unknown	Non-TSA	Tier 1
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190490505001169	Unknown	Non-TSA	Tier 1
190490502002049	Unknown	Non-TSA	Tier 1
190490502002046	Unknown	Non-TSA	Tier 1
190490502002090	Unknown	Non-TSA	Tier 1

190490505001055	Unknown	Non-TSA	Tier 1
190490504001060	Unknown	Non-TSA	Tier 1
190490505001052	Unknown	Non-TSA	Tier 1
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190490505001089	Unknown	Non-TSA	Tier 1
190490502002082	Unknown	Non-TSA	Tier 1
190490505001082	Unknown	Non-TSA	Tier 1
190490505001081	Unknown	Non-TSA	Tier 1
190490505001032	Unknown	Non-TSA	Tier 1
190490505001083	Unknown	Non-TSA	Tier 1
190490505001057	Unknown	Non-TSA	Tier 1
190490505001208	Unknown	Non-TSA	Tier 1
190490505001080	Unknown	Non-TSA	Tier 1
190490505001098	Unknown	Non-TSA	Tier 1
190490505001105	Unknown	Non-TSA	Tier 1
190490505001058	Unknown	Non-TSA	Tier 1
190490505001060	Unknown	Non-TSA	Tier 1
190490505001053	Unknown	Non-TSA	Tier 1
190490505001110	Unknown	Non-TSA	Tier 1
190490505001112	Unknown	Non-TSA	Tier 1
190490505001130	Unknown	Non-TSA	Tier 1
190490505001046	Unknown	Non-TSA	Tier 1
190490505001062	Unknown	Non-TSA	Tier 1
190490504001025	Unknown	Non-TSA	Tier 1
190490505001030	Unknown	Non-TSA	Tier 1
190490505001065	Unknown	Non-TSA	Tier 1

Minburn Telephone Company

Challenge

Perry Rural

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband
Grants Program

Minburn Telephone Company – OCIO NOFA #006 Census Block Eligibility Challenge
Perry Rural

Minburn Telephone Company (Minburn) respectfully requests to challenge the census blocks included in this filing, which are also included in its NOFA #006 OCIO Broadband Grant, Perry Rural. The identified census blocks are currently being reflected as served on the Broadband Availability Map V4; however, it has been determined through the completion of thorough due diligence by Minburn's staff and supported by consumers in the specified areas that the claimed level of broadband service is widely overstated by the service providers.

Minburn is challenging each of the service providers claiming to provide broadband in the census blocks reflected in this challenge. In addition to Bits of Technology Wireless Internet, Mediacom, CenturyLink and Windstream are also claiming to provide broadband services in the area with each covering less than 5% and 48%, respectively. As reflected in the residential affidavits obtained, the service offered by each provider is not at the speeds being claimed.

The following supporting documentation for this challenge has been broken out into five sections: 1) Dallas County Information; 2) Perry Rural Research; 3) Bits of Technology Wireless Internet Challenge; 4) Residential Affidavits; and 5) Other Supporting Documentation.

Dallas County Information

Information found in this section was provided by HR Green and the Greater Des Moines Partnership. The images depict the results from a May 2021 survey of residents and businesses throughout central Iowa. The survey responses presented here highlight the current gaps in broadband availability, speed/performance, reliability, and affordability in Dallas County.

Perry Rural Research

This section contains information that was provided by CheckPoint Solutions via data collected from Minburn's the crowd sourcing tool. The CheckPoint Solutions platform is used by providers to mine data on current broadband availability such as speed tests of existing connections as well as gathers demand generation of interest. The research offers a graphical representation of the speed tests completed in the challenge area that supports the challenge form.

Bits of Technology Wireless Internet Challenge

This narrative represents an analysis conducted within the past 60 days as to the current service providers, specifically Bits of Technology Wireless Internet (BTWI), and their current marketing and service offering claims. Findings offer technical arguments to explain why BTWIs current offerings are overstated.

Residential Affidavits

The residential affidavits included in this section are signed and notarized by consumers in the challenge area stating broadband service is unable to be provided at the speeds being claimed by the current providers which include, but are not limited to, BTWI, Mediacom, CenturyLink, and Windstream.

To further support our position, Minburn is sharing an unsolicited video recorded by a resident. He posted the video on a community board to encourage and educate his neighbors of the struggles of finding reliable broadband service. The video can be viewed at: <https://youtu.be/D1fVYrWnR0> .

Other Supporting Documentation

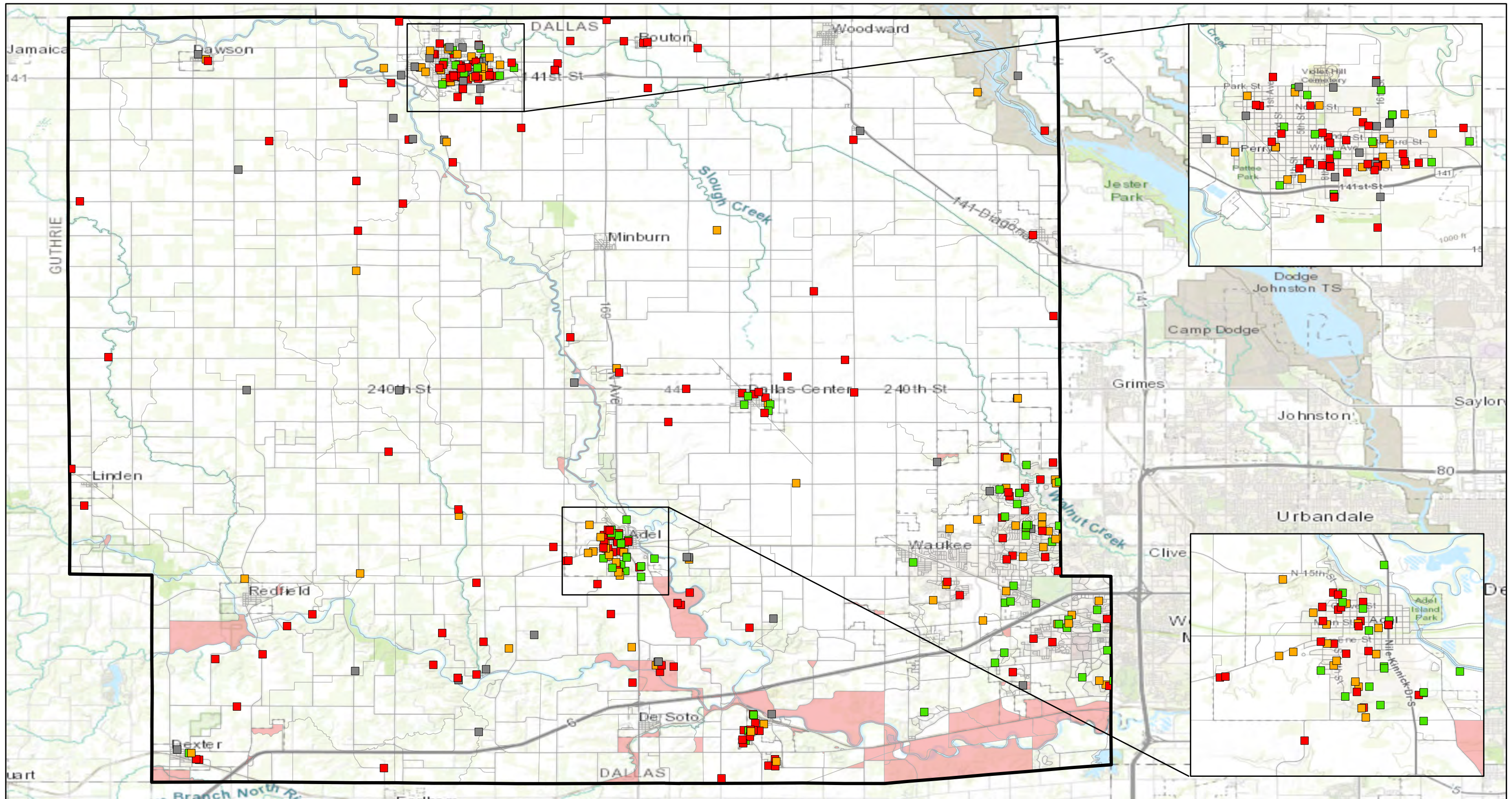
The final supporting documentation contains a direct mail postcard advertisement received by a consumer residing within the challenge area of Perry. The postcard was sent via USPS by Bits of Technology Wireless Internet (BTWI). As shown, the postcard message offers **UP TO 30 Mbps**; however, this speed is significantly less than what BTWI has claimed they are able to deliver per the Broadband Availability Map V4.

Minburn Telephone Company

Challenge – Perry Rural Dallas County Information

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband Grants
Program



Residential Survey Results Internet Download Speed

**Dallas County
Iowa**

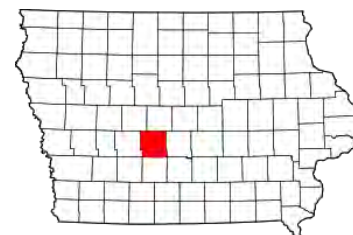
Legend

Internet Download Speed (in Mbps):

- Unserved (<25)
- Underserved (25-100)
- Well-Served (>100)
- No Speed Test Data

Iowa Broadband Availability

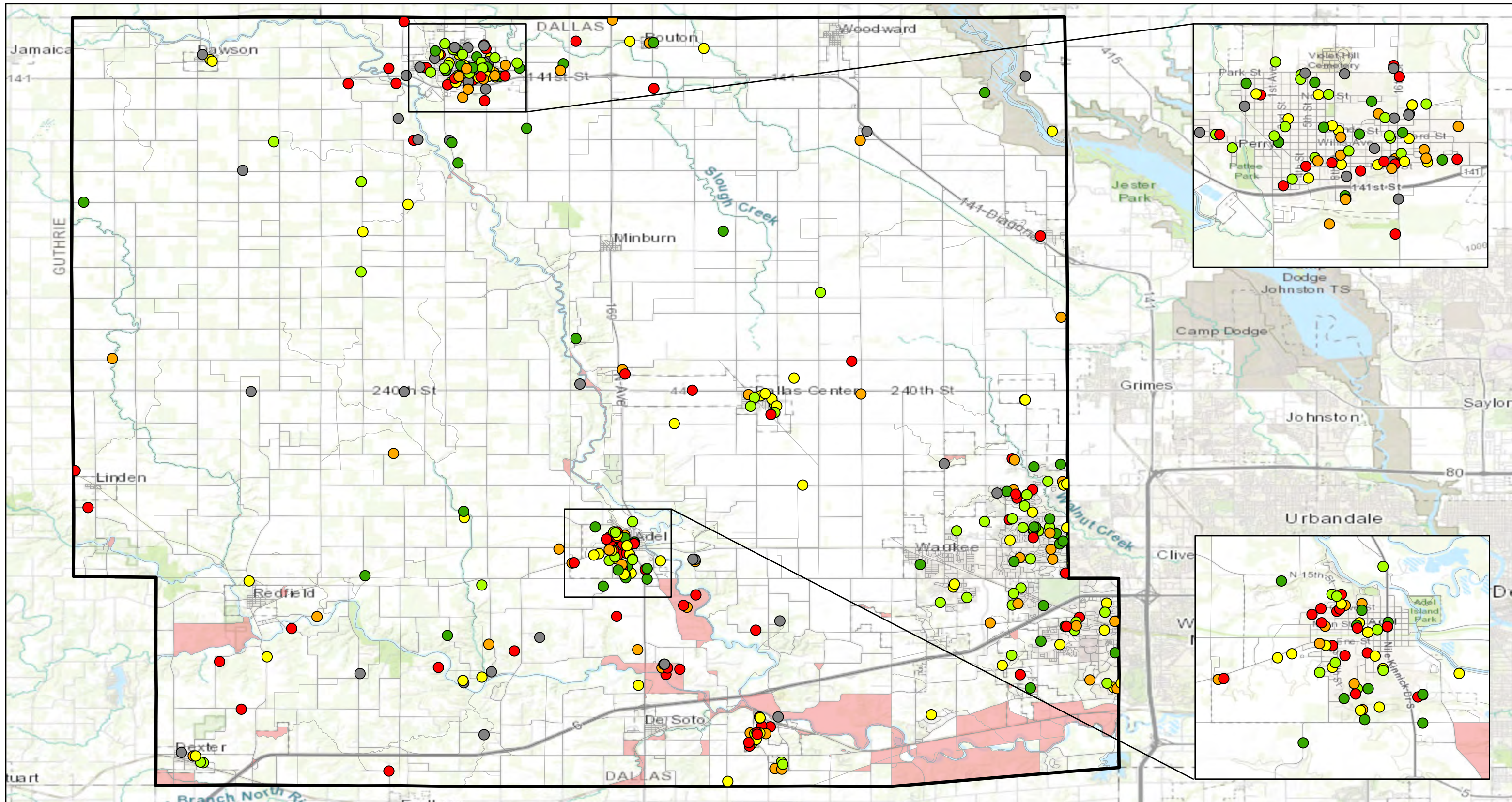
- Targeted Service Area
- Broadband Available



Miles

1 inch equals 3 miles





Residential Survey Results

Speed & Data Rate Satisfaction

Dallas County
Iowa

Legend

Speed/Data Rate Satisfaction

- 1-Very Dissatisfied
- 2-Somewhat Dissatisfied
- 3-It's OK
- 4-Somewhat Satisfied
- 5-Very Satisfied
- No Response

Iowa Broadband Availability

- Targeted Service Area
- Broadband Available

Minburn Telephone Company

Challenge – Perry Rural Perry Rural Research

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband Grants
Program

Minburn Perry Rural By Underserved/Speed



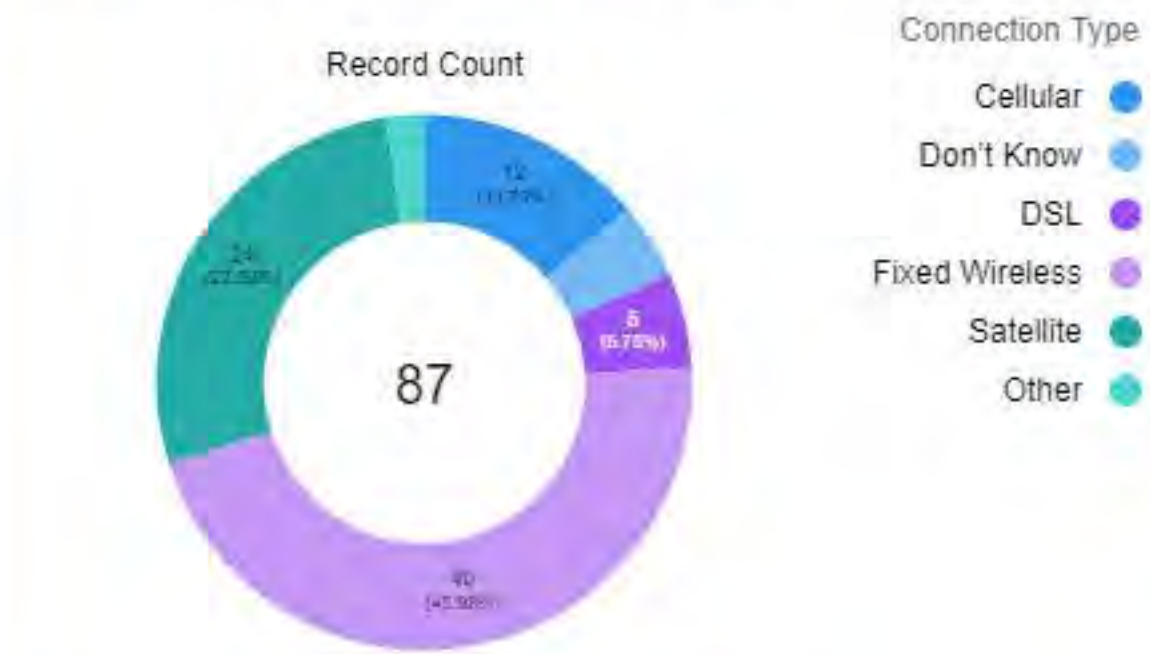
[View Report \(Minburn Perry Rural By Underserved/Speed\)](#)

Minburn Perry Rural By Underserved/Speed



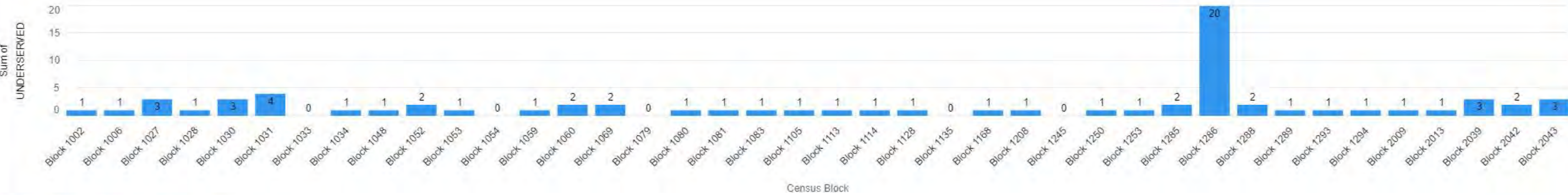
[View Report \(Minburn Perry Rural By Underserved/Speed\)](#)

Minburn Perry Rural By Connection Type



[View Report \(Minburn Perry Rural By Type/Underserved\)](#)

Minburn Perry Rural by Census Block



[View Report \(Minburn Perry Rural by Census Block\)](#)

Minburn Perry Rural Total

As of 2021-07-16 09:54:34 Pacific Standard Time/PST • Generated by Chkpt Minburn

Filtered By

Show: All service order

Challenge/Application equals Minburn Perry Rural

Upload Speed not equal to

Census Block ↑	Service Address	Challenge/Application	Speeds Currently Subscribed to	UNDERSERVE	Upload Speed	Download Speed	Connection Type
Block 1002	12619 HOUSTON AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	3	12	Fixed Wireless
Subtotal	Sum Count	1		1			
Block 1006	15925 130TH ST DAWSON	Minburn Perry Rural	80 Mb +	TRUE	25	75	Cellular
Subtotal	Sum Count	1		1			
Block 1027	18323 160TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	22	0	Cellular
	18317 160TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	1	36	Satellite
	15292 HULL AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	0	Cellular
Subtotal	Sum Count	3		3			
Block 1028	16933 142ND PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	12	2	Satellite
Subtotal	Sum Count	1		1			
Block 1030	17187 160TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	8	8	Fixed Wireless
	14976 H AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	33	3	Fixed Wireless
	14976 H AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	15	30	Satellite
Subtotal	Sum Count	3		3			
Block 1031	14405 H AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	1	DSL
	14157 GREEN DR PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	19	7	Fixed Wireless
	14106 GREEN DR PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	19	57	Fixed Wireless
	14405 H AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	15	38	Cellular
Subtotal	Sum Count	4		4			
Block 1033	15871 141ST ST PERRY	Minburn Perry Rural	Under 25 Mb		Don't Know	Don't Know	Satellite
	15244 130TH ST DAWSON	Minburn Perry Rural	25 Mb - 80 Mb		Don't Know	Don't Know	Satellite
Subtotal	Sum Count	2		0			
Block 1034	13850 130TH STREET DAWSON	Minburn Perry Rural	Under 25 Mb	TRUE	20	9	Satellite
Subtotal	Sum Count	1		1			
Block 1048	16174 150TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	15	40	Satellite
Subtotal	Sum Count	1		1			
Block 1052	16954 KILLAREN DR PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	23	Fixed Wireless
	16954 KILLAREN DR PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	23	Fixed Wireless
Subtotal	Sum Count	2		2			
Block 1053	18927 170TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	0	0	Fixed Wireless
Subtotal	Sum Count	1		1			
Block 1054	19559 180TH ST PERRY	Minburn Perry Rural	Under 25 Mb	FALSE	52	108	Fixed Wireless
Subtotal	Sum Count	1		0			
Block 1059	15043 K AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	0	Fixed Wireless
Subtotal	Sum Count	1		1			
Block 1060	15628 K AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	1	Cellular
	15336 K AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	FALSE	27	27	Satellite
	15621 L AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	3	Cellular
	20815 170TH ST PERRY	Minburn Perry Rural		FALSE	15.3	3.59	Don't Know
Subtotal	Sum Count	4		2			
Block 1069	18010 180TH LN PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	11	10	Satellite
	18308 180TH LN PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	2	1	Cellular
Subtotal	Sum Count	2		2			
Block 1079	16285 190TH ST PERRY	Minburn Perry Rural	Under 25 Mb		Don't Know	Don't Know	Cellular
Subtotal	Sum Count	1		0			
Block 1080	16359 180TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	0	24	Satellite
Subtotal	Sum Count	1		1			
Block 1081	17833 G AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	8	Satellite
Subtotal	Sum Count	1		1			
Block 1083	14115 170TH ST DAWSON	Minburn Perry Rural	Under 25 Mb	TRUE	21	0	Satellite
Subtotal	Sum Count	1		1			
Block 1105	19137 F AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	16	101	Fixed Wireless
Subtotal	Sum Count	1		1			
Block 1113	16140 190TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	FALSE	257	53	Fixed Wireless
	19077 H AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	18	30	Cellular
Subtotal	Sum Count	2		1			
Block 1114	19314 H AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	0	0	Fixed Wireless
Subtotal	Sum Count	1		1			
Block 1128	15999 220TH ST MINBURN	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	0	0	None
Subtotal	Sum Count	1		1			
Block 1135	16373 230TH ST MINBURN	Minburn Perry Rural	Under 25 Mb		Don't Know	Don't Know	Fixed Wireless
Subtotal	Sum Count	1		0			
Block 1168	16347 240TH ST MINBURN	Minburn Perry Rural	Under 25 Mb	TRUE	8	16	Fixed Wireless

Subtotal	Sum Count				1			
Block 1208		16822 142ND PL PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	12	51	Fixed Wireless
Subtotal	Sum Count				1			
Block 1245		2222 G AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb		Don't Know	Don't Know	Fixed Wireless
Subtotal	Sum Count				0			
Block 1250		2160 CLOVER AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	FALSE	26	30	Cellular
		2176 D AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	8	12	Cellular
Subtotal	Sum Count				1			
Block 1253		197 325TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	22	18	Cellular
		135 325TH ST PERRY	Minburn Perry Rural	Under 25 Mb		Don't Know	Don't Know	Satellite
Subtotal	Sum Count				1			
Block 1285		396 329TH PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	10	6	Fixed Wireless
		362 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	15	38	Satellite
Subtotal	Sum Count				2			
Block 1286		2290 DERI PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	3	4	Fixed Wireless
		361 332ND PL PERRY	Minburn Perry Rural	80 Mb +	TRUE	17	26	Satellite
		357 330TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	3	22	Fixed Wireless
		364 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	5	13	Fixed Wireless
		366 332ND PL PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	5	24	Satellite
		364 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	4	14	Fixed Wireless
		353 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	FALSE	69	156	Satellite
		353 330TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	6	12	Fixed Wireless
		373 335TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	7	1	Satellite
		354 332ND PL PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	0	9	DSL
		2285 DERI PL PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	25	31	Fixed Wireless
		2296 DEVIN PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	5	19	Fixed Wireless
		349 330TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	12	7	Satellite
		2289 DERI PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	8	0	Fixed Wireless
		2298 DEVIN PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	19	54	Fixed Wireless
		343 330TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	7.7	24	Fixed Wireless
		2285 DERI PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	17	Fixed Wireless
		355 332ND PL PERRY	Minburn Perry Rural		FALSE	41	15	Don't Know
		351 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	0	None
		356 332ND PL PERRY	Minburn Perry Rural	Under 25 Mb	FALSE	51	71	Fixed Wireless
		2288 DERI PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	4	21	Fixed Wireless
		369 332ND PL PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	13	14	Satellite
		369 335TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	16	26	Satellite
Subtotal	Sum Count				20			
Block 1288		2347 D AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	29	1	Fixed Wireless
		258 330TH ST PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	24	14	Fixed Wireless
Subtotal	Sum Count				2			
Block 1289		2288 C AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	8	18	Satellite
Subtotal	Sum Count				1			
Block 1293		2365 D AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	3	1	DSL
Subtotal	Sum Count				1			
Block 1294		2376 D AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	6	3	Fixed Wireless
Subtotal	Sum Count				1			
Block 2009		22603 130TH ST PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	12	DSL
Subtotal	Sum Count				1			
Block 2013		12360 K DR PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	1	DSL
Subtotal	Sum Count				1			
Block 2039		13260 M AVE PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	6	14	Fixed Wireless
		13773 N AVE BOUTON	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	15	61	Don't Know
		13277 N AVE BOUTON	Minburn Perry Rural	Under 25 Mb	TRUE	3	13	Fixed Wireless
Subtotal	Sum Count				3			
Block 2042		13401 M AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	13	29	Fixed Wireless
		13211 M AVE PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	23	25	Fixed Wireless
Subtotal	Sum Count				2			
Block 2043		13605 PARTRIDGE TRL PERRY	Minburn Perry Rural	Under 25 Mb		Don't Know	Don't Know	Satellite
		13768 PARTRIDGE TRL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	1	4	Fixed Wireless
		13682 L PL PERRY	Minburn Perry Rural	Under 25 Mb	TRUE	0	4	Satellite
		13542 PHEASANT LN PERRY	Minburn Perry Rural	25 Mb - 80 Mb	TRUE	18	6	Fixed Wireless
		13771 PARTRIDGE TRL PERRY	Minburn Perry Rural		FALSE	16	3	Don't Know
Subtotal	Sum Count				3			
Total	Sum Count				71			
		87						

Minburn Telephone Company

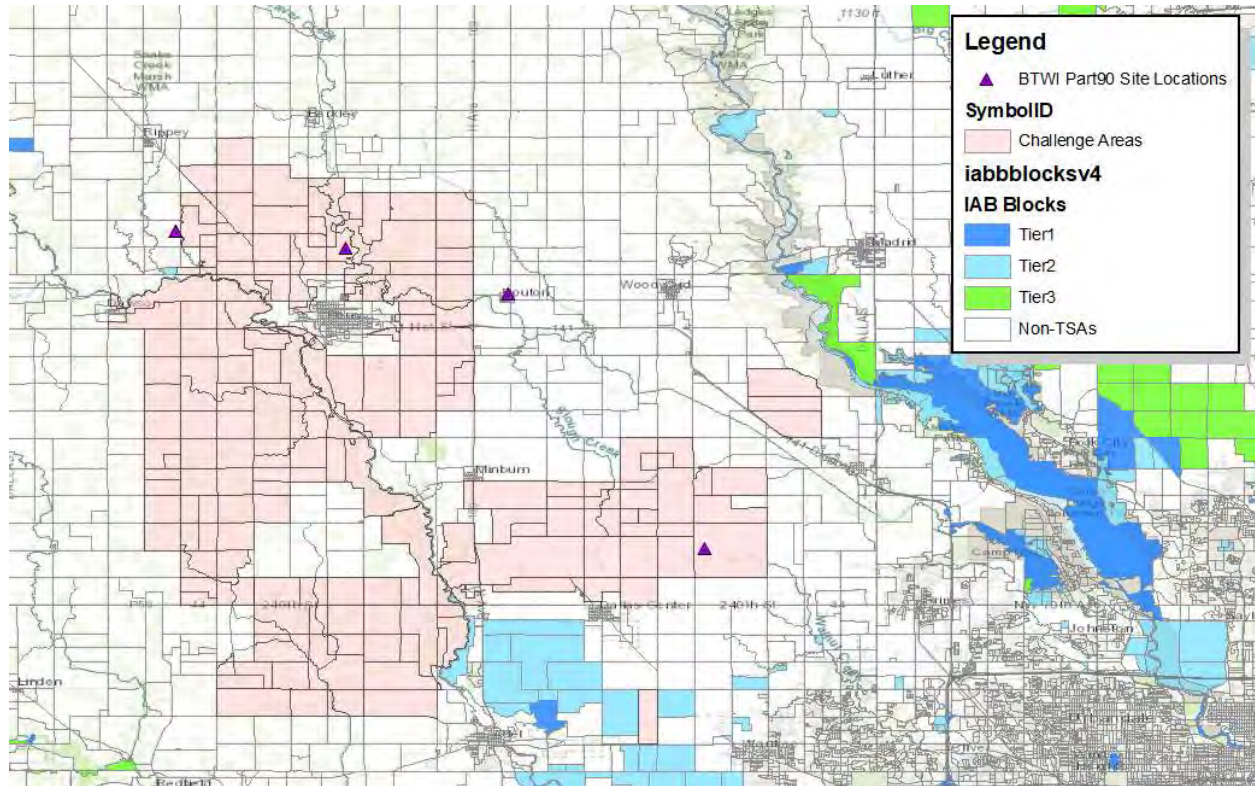
Challenge – Perry Rural Bits of Technology Wireless Internet Challenge

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband Grants
Program

SECTION 3) Bits of Technology Wireless Internet, LLC Challenge

Bits of Technology Wireless Internet, LLC (BTWI) is listed as having advertised throughputs of 100/50Mbps (downlink/uplink, respectively) throughout the Census Blocks (CBs) that Minburn Telephone Company (Minburn) is presenting within this challenge, as shown below.



Through field validation at common Bouton site, Minburn documented that BTWI is utilizing equipment manufactured by Ubiquiti Networks (Ubiquiti) in the unlicensed 2.4GHz and 5.2/5.8GHz frequency bands, as well as the lightly-licensed, Part 90 frequency band.

For its unlicensed operations BTWI is utilizing Ubiquiti's LTU and Rocket 2AC Prism equipment. The manufacturer documentation for the Ubiquiti LTU equipment indicates for the maximum channel width of 50MHz is capable of achieving a maximum throughput of 600Mbps (aggregate, uplink and downlink). With a maximum of 600Mbps throughput, at the 100/50Mbps advertised speed tiers, if dedicated, BTWI would only be capable of servicing four to six subscribers¹ per LTU sector, assuming BTWI is able to secure an unencumbered 50MHz wide channel with the unlicensed 5GHz band.

The manufacturer documentation for the Ubiquiti Rocket 2AC Prism equipment indicates for the maximum channel width of 40MHz is capable of achieving a maximum throughput of 330Mbps (aggregate, uplink and downlink). With a maximum of 330Mbps throughput, at the 100/50Mbps advertised speed tiers, if dedicated, BTWI would only be capable of servicing two to three subscribers²

¹ Four subscribers if considering the aggregated throughput or six subscribers is considering only the downlink throughput.

² Two subscribers if considering the aggregated throughput or three subscribers is considering only the downlink throughput.

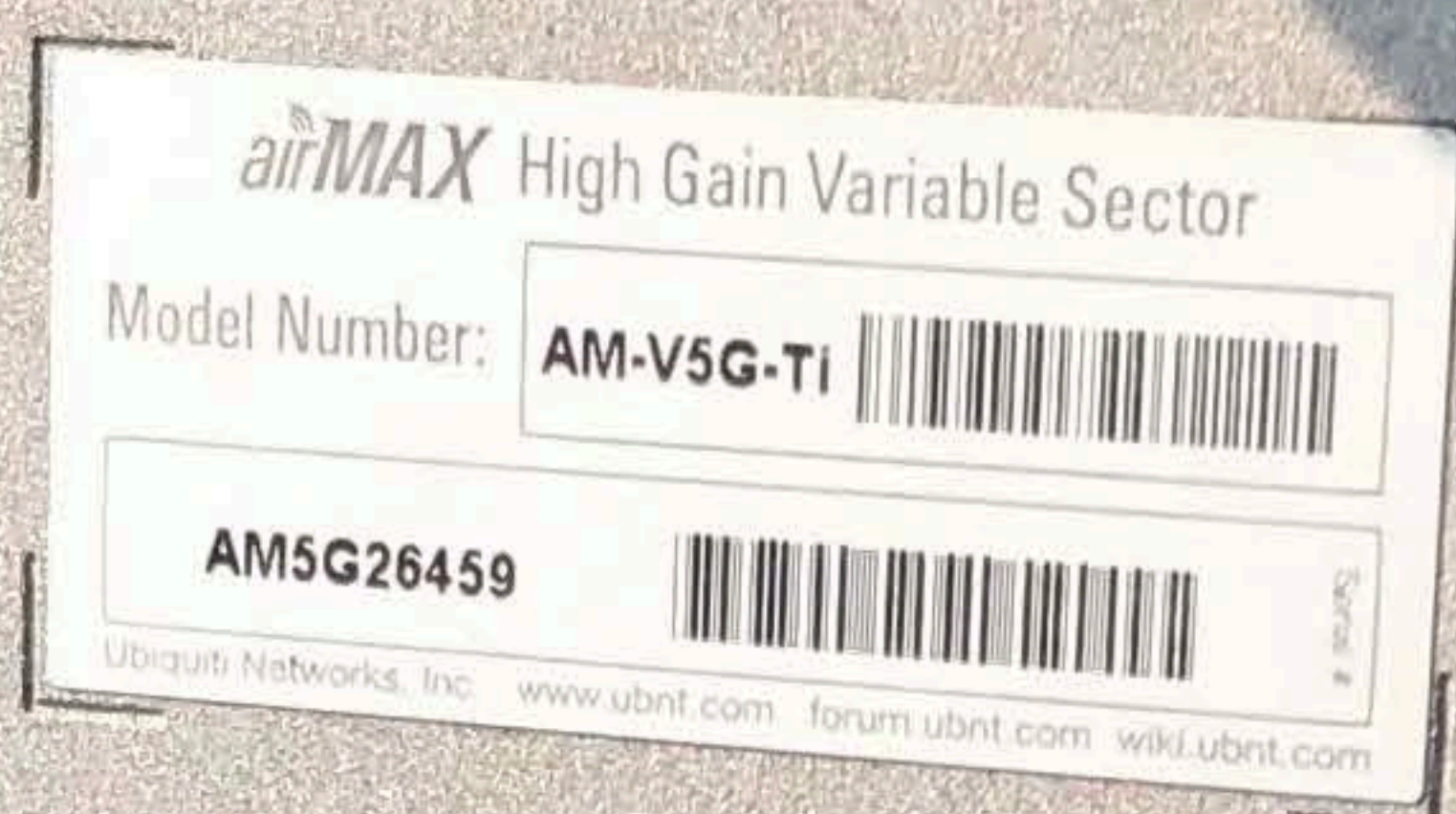
per Rocket 2AC Prism sector, assuming BTWI is able to secure an unencumbered 50MHz wide channel with the unlicensed 5GHz band.

BTWI is also utilizing its Nationwide Nonexclusive, Part 90 license (3650-3700MHz), under Call Sign WQOU655, to deliver service to the CBs that Minburn is challenging. In 2015, the FCC released its Part 96 ruleset (3550-3700MHz), which encapsulated the spectrum formerly licensed under its Part 90 ruleset. The FCC allowed existing operators to continue operating their Part 90 networks through October 17, 2020, or through the expiration of their license terms, whichever is longer. BTWI's license under Call Sign WQOU655 has a license expiration of February 3rd, 2022, at which time BTWI must transition its operations to follow the Part 96 ruleset or cease operations. Per the FCC's Universal Licensing System (ULS), BTWI has twelve site locations³ registered and each site location indicates that it utilizes equipment with the FCC ID of SWX-M365. FCC ID of SWX-M365 is Ubiquiti Networks (Ubiquiti) M365 product line and it is worth noting that the Ubiquiti's M365 product line has not received FCC type-acceptance for the operation under the Part 96 ruleset. The lack of FCC type-acceptance will require BTWI prior to February 3rd, 2022, to replace its Part 90 network with a Part 96-compliant manufacturer, equipment capable of operating on different frequency band or cease operations altogether.

With its unlicensed operations, its Part 90 license expiring on February 3rd, 2022, and the uncertainty created by its selected manufacturer, Minburn questions BTWI's viability to deliver a sustained, consistent 100/50Mbps service to the majority of the locations in the indicated rural CBs utilizing typical customer configurations and site loading considerations.

³ Per the FCC's definition each individual Part 90 sector needed to be registered and authorized by the FCC prior to operation, so in terms of the ULS a sector is equivalent to a site, although in industry-speak a site may be deployed supporting multiple sectors. In BTWI's case there are twelve sectors comprising 8 different site locations.









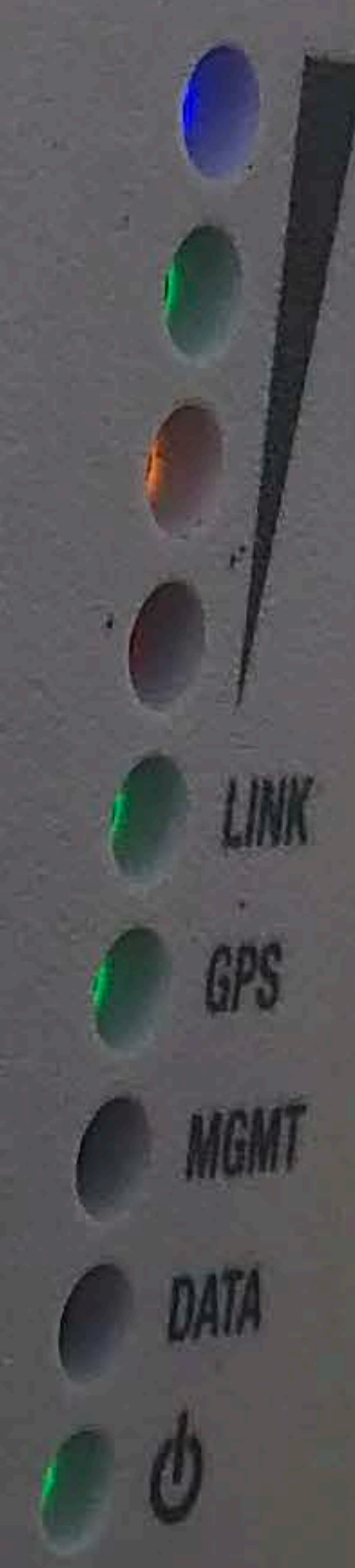












airFiber^{5X HD}













Minburn Telephone Company

Challenge – Perry Rural Affidavits

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband Grants
Program

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF Eileen M. Splendore

I, **Eileen M. Splendore**, being of lawful age and duly sworn, state as follows:

1. My name is **Eileen M. Splendore**, my address is 18584 180th Street, Perry, IA 50220
2. At 12:54 P.M. on 7/16/21, I made an internet inquiring for Century Link Customer Service at <https://shop.centurylink.com/uas/>
3. The website informed me that they do not offer service to me at this time
4. This completes my Sworn Statement.

Eileen Splendore

Declarant

SWORN to and subscribed before me, this 16th day of July, 2021.



Matthew J McDevitt
NOTARY PUBLIC

My Commission Expires:

8/20/2021

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF Cindy Sohn

I, **Cindy Sohn**, being of lawful age and duly sworn, state as follows:

1. My name is **Cindy Sohn**.
2. At 9:25 A.M. on 7/16/2021, I contacted CenturyLink to inquire about getting internet service at my residence located at: 16841 142nd Place, Perry, Iowa 50220.
3. I made an internet inquiry for Century Link Customer Service at: <https://shop.centurylink.com/nc>
4. CenturyLink's website informed me that I do have a DSL residential service option available for internet with download speed up to 1.5 Mbps and upload speed up to 500 kbps for \$50/month.
5. This completes my Sworn Statement.


Declarant

SWORN to and subscribed before me, this 16th day of July, 2021.




NOTARY PUBLIC

My Commission Expires:

8/20/2021

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

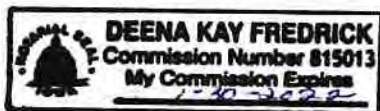
SWORN STATEMENT OF Daniel J. Spellman

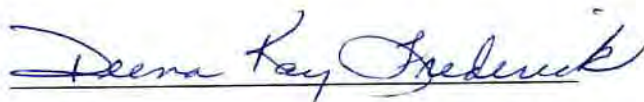
I, **Daniel J. Spellman**, being of lawful age and duly sworn, state as follows:

1. My name is **Daniel J. Spellman**.
2. At 12:38 P.M. on 7/13/2021, I called CenturyLink to inquire about getting internet service at 15292 Hull Avenue, Perry, Iowa 50220. I have attached my notes from my call with Trafar, CenturyLink Customer Care Agent.
3. I called Century Link Customer Service at (888) 856-2778.
4. I spoke with Trafar, CenturyLink's Customer Care Agent who informed me I have no residential service options for internet.
5. Trafar told me that Century Link doesn't offer service to me at this time and has no plans to extend service to our address but we could try a satellite provider not affiliated with their company.
6. The call ended at 12:55 P.M.
7. This completes my Sworn Statement.


Declarant

SWORN to and subscribed before me, this 13th day of July, 2021.





NOTARY PUBLIC

My Commission Expires:

1-30-2022

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF

Cliff Fagen

I, Cliff Fagen, being of lawful age and duly sworn, state as follows:

1. My name is Cliff Fagen.
2. At 1:30 am/pm on 7/12/21 (date), I called BTWI (company name), to inquire about getting service at 351 332nd Place (address), Perry IA (city, state). I have attached my notes from my call with _____ (CSR name/title), and have labeled it "Attachment A."
3. I called the BTWI (company name) number 465-3043 (telephone number)
4. I spoke with Steve (CSR name) who informed me I have _____ residential service options:
 - 10M/___ M for \$ 55⁰⁰
 - 15M/___ M for \$ 65⁰⁰
5. (Additional notes) _____
6. The call ended at 2:00 am/pm.
7. This completes my Sworn Statement.

Cliff Fagen
Declarant

SWORN to and subscribed before me, this the 14th day of July, 2021.



Gina L. McLaughlin
NOTARY PUBLIC

My Commission Expires:

February 5, 2024

(Notary Stamp Above)

Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309

In the Matter of

Broadband Grants Program
Empower Rural Iowa

NOFA #006

SWORN STATEMENT OF Kent Scheib

I, Kent Scheib, being of lawful age and duly sworn, state as follows:

1. My name is Kent Scheib.
2. At 10:11 am on 7/15/21 (date), I called Century Link (company name), to inquire about getting service at 16822 142nd Place (address), Perry, Iowa (city, state). I have attached my notes from my call with _____ (CSR name/title), and have labeled it "Attachment A."
3. I called the Century Link (company name) number 800-201-4099 (telephone number).
4. I spoke with Jackie (CSR name) who informed me I have 1 residential service options:
 - 1.5mb/500KB or
 M/ M for \$ 50
 - M/ M for \$
5. (Additional notes) A.
6. The call ended at 10:25 am.
7. This completes my Sworn Statement.

Kent Scheib
Declarant

SWORN to and subscribed before me, this the 15 day of July, 2021.



(Notary Stamp Above)

[Signature]
NOTARY PUBLIC

My Commission Expires:

9/20/2021

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF David A. Wambold

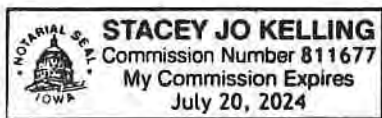
I, David A. Wambold, being of lawful age and duly sworn, state as follows:

1. My name is David A. Wambold.
2. At 2:31pm on 7/14/21(date), I called Minburn Communications(company name), to inquire about getting service at 24299 150th St.(address), Bouton, IA (city,state). I have attached my notes from my call with Gina McLaughlin, CSR (CSR name/title), and have labeled it "Attachment A."
3. I called the Minburn Communications(company name) number 515-438-2200(telephone number).
4. I spoke with Gina McLaughlin (CSR name) who informed me I have 3 residential service options:
 - 20M/1M for \$104.99
 - 15M/1M for \$84.99
 - 10M/1M for \$64.99
5. (Additional notes)
6. The call ended at 2:35pm.
7. This completes my Sworn Statement.

4.17/.86

David A. Wambold 7-15-21
Declarant

SWORN to and subscribed before me, this the 14th day of July, 2021.




(Notary Stamp Above)

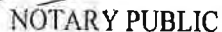
Stacey Jo Kelling
NOTARY PUBLIC
My Commission Expires:
July 20, 2024

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

I, Eric M. Ash, being of lawful age and duly sworn, state as follows:

1. My name is **Eric M. Ash**.
2. At 9:02 A.M. on 7/16/2021, I contacted CenturyLink to inquire about getting internet service at my residence located at: 16933 142nd Place, Perry, Iowa 50220.
3. I made an internet inquiry Century Link Customer Service at: <https://shop.centurylink.com/nc>
4. CenturyLink's website informed me that I do have a DSL residential service option available for internet with download speed up to 1.5 Mbps and upload speed up to 500 kbps for \$50/month. Currently we pay \$75/month for up to 12.5 Mbps download from BTWI.
5. This completes my Sworn Statement. 

SWORN to and subscribed before me, this 16th day of July, 2021.



My Commission Expires:

8/20/2021

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF John Cavanaugh

I, John Cavanaugh, being of lawful age and duly sworn, state as follows:

1. My name is John Cavanaugh.
2. At 9:24 AM on 7/12/21 (date), I called Bits of Technology Wireless Internet LLC (BTWI) (company name), to inquire about getting service at 396 329th Place (address), Perry, IA (city,state). I have attached my notes from my call with Billing Department (name not provided) and Steve (technician) (CSR name/title), and have labeled it "Attachment A."
3. I called the BTWI (company name) number 515-465-3043 (telephone number).
4. I spoke with Billing Department (name not provided) (CSR name) who informed me I have 5 or 6 residential service options:
 - 10M/3M for \$55
 - 15M/5M for \$65
 - 20M/6M for \$75
 - 30M/10M for \$85
 - 50M/16M for \$100
5. (Additional notes)

BTWI just upgraded speeds in the past few weeks. A new 100M/50M was just added, but I was told I likely don't qualify for this due to line of sight issues with the towers.
6. The call ended at 9:32 AM.
7. This completes my Sworn Statement.

Declarant

SWORN to and subscribed before me, this the 12th day of July, 2021.



Gina L. McLaughlin
NOTARY PUBLIC

My Commission Expires:

2/5/2024

(Notary Stamp Above)

ATTACHMENT A

PHONE CALL NOTES

I called BTWI at 515-465-3043 at 9:24 AM on 7/12/21. I was greeted by the Billing Department employee who did not provide her name. I told her I was an existing subscriber, and that I had both billing and technical questions. We covered the billing questions first, before I was transferred to a technical resource.

I asked about the recent speed increases and the pricing changes. She informed me no pricing changes had occurred. I was told each speed tier was increased by 60%. The current speed tiers are:

- 10M/3M for \$55
- 15M/5M for \$65
- 20M/6M for \$75
- 30M/10M for \$85
- 50M/16M for \$100
- 100M/50M with a quote for custom hardware and installation

Although the website has been updated to reflect the new plans, no official notice has been sent to customers as they are still evaluating the impact of the upgraded speeds on the network. They expect a notice will be sent to customers soon.

I spoke to Steve next regarding the technical issues. He has not received any new information on what the technician saw last week and the follow up they were going to have with the tower specialist. He said he would ask about this and call me back when he has more information.

BACKGROUND

I have been a BTWI internet subscriber since moving to Perry in 2017. For much of this period, I have subscribed to the top speed tier. As network engineer who works remotely instead of commuting into the Des Moines metro every day, reliable broadband internet is vital.

My roof was damaged in the derecho storm last year, and after having it replaced this spring, BTWI had to remount the antenna equipment. There were problems after this, but BTWI was quick to try to resolve the issue, even installing a new sector antenna at the tower to try to improve service. This has worked very well at the 30M/10M speed up until mid-June.

After calling BTWI, they confirmed that on 6/18/21 at 3:00 AM, my signal strength sharply dropped by 16db. The first call that I made somehow fell through the cracks, and no ticket was generated. After the July 4th weekend, I decided to follow up. Steve confirmed again the drop in signal strength, but

this time they had a technician come out within 30 minutes to troubleshoot the issue. After trying to adjust the antenna, the technician said that while the signal improved by 1-2db, they couldn't get back to the level they had before June. They are continuing to investigate this pending a follow up with their tower specialist.

Despite their recent increase on my plan from 30Mb/s to 50Mb/s, I am only achieving download speeds from 10-32Mb/s depending on the varying signal strength. The technician said if they can't get the signal improved that it may be best to drop to a lower speed tier like the 30M/10M due to match the real speed expectations between my location and the tower.

100M/50M PLAN

I was unaware of the speed increases by BTWI until I reviewed the OCIO broadband map to determine why our "Targeted Service Area" didn't qualify for NOFA #006 broadband grant funds. I see that most of our rural area is disqualified by the 100Mb/s plan offered by BTWI.

I commend BTWI for their efforts to improve connectivity in rural Iowa. I have appreciated their speed to resolve issues and the personal service offered by their staff. However, I would strongly urge that their 100Mb/s service not be considered generally available for the following reasons:

- I was told that while the 100M plan is now on their price sheet, no residential customers have it currently. I was told they will be having a meeting this week to discuss deployment details.
- The service requires custom hardware and installation that requires a quote. This is comparable to the more costly and customized business tier services they provide. The price is undefined, which makes it hard to compare to other residential broadband options.
- I believe the service is delivered using unlicensed spectrum (2.4Ghz or 5Ghz). This overlaps with consumer grade wireless equipment. This invites interference which can negatively affect service quality. It could be unfair to compare it with dedicated LTE spectrum or dedicated fiber or copper infrastructure.
- I was told that with my line of sight issues, I would likely be unable to take advantage of the service myself. I am just one example, but I think this illustrates the varied reach and quality of fixed wireless solutions. This makes it easier to overestimate homes passed when compared to dedicated copper or fiber infrastructure, which is much easier to quantify.

REFERENCES

BTWI Plans - <https://btwi.net/#plans>

BTWI Extended Price Sheet - <https://btwi.net/pricing>

**Before the
Office of the Chief Information Officer of the State of Iowa
Des Moines, IA 50309**

In the Matter of)
) NOFA #006
Broadband Grants Program)
Empower Rural Iowa)

SWORN STATEMENT OF Raymond L Knapp, Jr

I, Raymond L Knapp, Jr, being of lawful age and duly sworn, state as follows:

1. My name is Raymond L Knapp, Jr.
2. At _____ am/pm on _____ (date), I called medicom (see attached) (company name), to inquire about getting service at _____ (address), _____ (city, state). I have attached my notes from my call with _____ (CSR name/title), and have labeled it "Attachment A."
3. I called the _____ (company name) number _____ (telephone number).
4. I spoke with _____ (CSR name) who informed me I have _____ residential service options:
 - M/ M for \$
 - M/ M for \$
5. (Additional notes) _____
6. The call ended at _____ am/pm.
7. This completes my Sworn Statement.

Raymond L Knapp, Jr
Declarant

SWORN to and subscribed before me, this the 15th day of July, 2021.



(Notary Stamp Above)

Gina L McLaughlin
NOTARY PUBLIC

My Commission Expires:

February 5, 2024

414 2nd St
Perry, IA 50220

Internet history here at this address.

The first internet service I had was PrairieNet service that was over the air service. This service was relatively good for the time but the service degraded because trees matured, they caused interference between my house antenna and the water tower source. I had find a new service.

I had CenturyLink phone service in my part of town. The only problem was that the infrastructure was so old that the copper wire insulation was deteriorating to the point there was a lot of noise on the lines. The tech had to keep finding wire pairs without marker wires to provide good phone service.

I made the jump to CenturyLink internet but it was never very fast and my job in Des Moines needed me to have good service. I needed faster speeds so I jumped to a bonded pair of wires and was to have 20 meg speed. This service was not reached at most it was 10 meg. I put up with this service for years and was never pleased with the service. CenturyLink never felt the upgrading of the infrastructure was worth their time and money. They also used shady advertising by saying they had installed fiber service. They installed fiber to feed the copper that was the weakest link they had. Time to change.

Mediacom was the only solution. BTWI Wireless Internet was not useful because of the trees between my location and their towers. I first went with the 20 meg service from Mediacom for several month and it work ok but was subject to outages. Then they offered us 1 gig service at the same price so we took that option.

I have attached an excel spreadsheet that shows the actual speeds over several years. This was also accompanied by a under par service customer service.

The other major issue I have is none of the services a backup for their internet feed. We have had several times that construction workers have hit lines feeding Perry and taken out all internet and phones. I am in the process of creating a business web site and I am going to need to have a dependable system for that system.

My background is I am a retired computer programmer.

I have visited with some of the business users in Perry, IA and found that Minburn Communications has developed a very dependable fiber system. Several of the companies had dropped their backup internet service because Minburn fiber was so dependable.

I feel that Perry Iowa is an underserved in it communications to the outside area and needs to have more competition that would improve all of the services provided to the citizens of the community.

Raymond L Knapp, Jr

K & H Bee Farm, LLC
(515) 249-1899

Date	Time	Connection	Ping	Jitter	Download*	Upload*	Server	Program	* = Mbps
Tuesday, January 29, 2019	7:38 PM	Wired	16		78.43	10.90	State of Iowa	speedtest.net	
Tuesday, January 29, 2019	7:42 PM	wired	26		587.17	14.80	State of Iowa	speedtest.net	
Tuesday, January 29, 2019	7:45 PM	Wired	8	2	935.10	7.50	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, January 29, 2019	7:49 PM	Wired	8	1	939.60	10.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, January 30, 2019	5:23 AM	Wired	8	1	939.50	19.70	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, January 30, 2019	5:26 AM	Wired	33		224.77	13.82	State of Iowa	speedtest.net	
Wednesday, January 30, 2019	11:31 AM	Wired	8	1	936.30	13.40	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, January 31, 2019	12:33 PM	Wired	7	2	957.90	64.30	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, February 01, 2019	1:12 PM	Wired	17	2	958.70	64.40	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, February 05, 2019	10:05 AM	Wired	9	1	942.10	61.20	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, February 05, 2019	5:21 PM	Wired	8	2	955.30	61.80	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, February 05, 2019	7:54 PM	Wired	9	1	854.80	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, February 07, 2019	10:53 PM	Wired	8	2	962.20	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, February 08, 2019	10:37 AM	Wired	8	1	945.60	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, February 10, 2019	10:35 AM	Wired	15	4	946.60	64.30	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, February 13, 2019	2:40 PM	Wired	7	2	964.30	63.20	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, February 25, 2019	11:12 AM	Wired	9	1	941.20	62.20	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, March 05, 2019	7:46 PM	Wired	7	1	935.70	7.00	Mediacom Communications	speedtest.mediacomtoday.com	Reported problems service call scheduled
Wednesday, March 06, 2019	2:52 PM	Wired	8	1	947.40	7.10	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, March 08, 2019	2:03 PM	Wired	9	13	967.00	11.30	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, March 08, 2019	2:06 PM	Wired	8	6	980.50	10.20	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, March 09, 2019	11:47 AM	Wired	8	49	939.50	6.20	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, March 10, 2019	11:31 AM	Wired	8	1	967.40	9.90	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, March 11, 2019	8:31 AM	Wired	7	2	941.80	6.30	Mediacom Communications	speedtest.mediacomtoday.com	Teck was hear
Monday, March 11, 2019	8:55 PM	Wired	9	1	939.50	60.60	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, March 11, 2019	8:57 PM	Wired	5	4	942.50	60.30	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, March 12, 2019	6:41 AM	Wired	7	5	939.00	63.30	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, March 13, 2019	9:26 AM	Wired	7	1	935.50	62.70	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, March 14, 2019	4:26 PM	Wired	6	4	949.50	61.00	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, March 16, 2019	10:11 AM	Wired	21	3	883.50	60.60	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, March 18, 2019	8:43 PM	Wired	6	2	835.80	63.90	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, March 22, 2019	9:46 AM	Wired	8	1	690.10	62.60	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, March 22, 2019	9:47 AM	Wired	8	1	549.70	64.50	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, March 22, 2019	11:00 PM	Wired	7	1	641.20	61.50	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, March 23, 2019	9:39 AM	Wired	8	2	800.80	64.00	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, February 25, 2019	12:56 PM	Wired	5	4	641.80	63.70	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, March 27, 2019	10:42 AM	Wired	8	2	505.40	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, March 28, 2019	11:48 AM	Wired	9	4	552.50	61.90	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, March 30, 2019	5:03 PM	Wired	8	1	605.20	61.80	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, March 31, 2019	1:38 PM	Wired	7	2	500.40	62.60	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, April 03, 2019	9:01 AM	Wired	7	3	511.30	62.10	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, April 05, 2019	1:11 PM	Wired	6	3	536.90	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 06, 2019	6:20 PM	Wired	7	1	938.10	63.90	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 08, 2019	6:11 PM	Wired	7	1	953.00	5.40	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 08, 2019	6:20 PM	Wired	5	49	958.10	5.00	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, April 09, 2019	10:18 AM	Wired	7	1	737.20	63.90	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, April 11, 2019	8:24 AM	Wired	6	2	487.60	63.50	Mediacom Communications	speedtest.mediacomtoday.com	

Date	Time	Connection	Ping	Jitter	Download*	Upload*	Server	Program	* = Mbps
Friday, April 12, 2019	4:39 PM	Wired	7	1	369.00	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 13, 2019	3:08 PM	Wired	7	3	496.30	0.70	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 13, 2019	3:17 PM	Wired	7	3	634.90	3.10	Mediacom Communications	speedtest.mediacomtoday.com	Made call to re Sam restar 23 min call
Sunday, April 14, 2019	9:58 AM	Wired	7	24	387.50	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, April 14, 2019	10:35 PM	Wired	7	2	488.90	62.10	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 15, 2019	9:07 AM	Wired	8	2	450.30	9.30	Mediacom Communications	speedtest.mediacomtoday.com	Teck took off filter and checked wires
Monday, April 15, 2019	2:40 PM	Wired	7	72	490.40	2.40	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, April 16, 2019	8:42 AM	Wired	7	1	386.20	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, April 17, 2019	7:45 AM	Wired	6	1	519.80	63.50	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, April 18, 2019	2:54 PM	Wired	7	3	601.30	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, April 18, 2019	4:31 PM	Wired	8	1	717.00	62.70	Mediacom Communications	speedtest.mediacomtoday.com	Call to say it was not improved.
Friday, April 19, 2019	8:57 AM	Wired	8	1	722.80	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 20, 2019	7:29 AM	Wired	8	1	657.60	56.90	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, April 21, 2019	10:45 PM	Wired	7	1	589.10	42.30	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, April 21, 2019	10:46 PM	Wired	6	3	558.90	38.50	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 22, 2019	11:06 AM	Wired	8	1	607.40	55.30	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, April 24, 2019	7:56 AM	Wired	7	1	667.90	63.50	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, April 24, 2019	5:00 PM	Wired					Mediacom Communications	speedtest.mediacomtoday.com	System Down
Wednesday, April 24, 2019	6:44 PM	Wired					Mediacom Communications	speedtest.mediacomtoday.com	System down
Wednesday, April 24, 2019	10:00 PM	Wired					Mediacom Communications	speedtest.mediacomtoday.com	System back up
Thursday, April 25, 2019	12:17 PM	Wired	7	1	963.80	63.40	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, April 25, 2019	4:44 PM	Wired	7	3	967.10	63.40	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 27, 2019	9:12 AM	Wired	7	1	708.00	63.40	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, April 28, 2019	4:57 PM	Wired	4	2	966.20	62.70	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, April 28, 2019	9:17 PM	Wired	8	2	791.80	59.70	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, April 28, 2018	9:21 PM	Wired	8	2	666.80	60.50	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 29, 2019	7:30 AM	Wired					Mediacom Communications	speedtest.mediacomtoday.com	Down at 6. Rebooted and was up and went down again
Monday, April 29, 2019	10:44 AM	Wired	7	2	944.20	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, April 29, 2019	3:16 PM	Wired	7	2	904.30	62.50	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, April 30, 2019	9:19 AM	Wired	7	2	917.20	62.80	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, April 30, 2019	10:30 AM	Wired					Mediacom Communications	speedtest.mediacomtoday.com	Outage up at 12:30 P
Thursday, May 02, 2019	9:18 AM	Wired	7	2	686.60	64.00	Mediacom Communications	speedtest.mediacomtoday.com	Rain the past 24 hours
Saturday, May 04, 2019	12:27 PM	Wired	7	3	944.60	64.40	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, May 05, 2019	8:03 AM	Wired	7	1	948.80	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, May 07, 2019	10:06 AM	Wired	15	1	934.80	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, May 08, 2019	12:01 PM	Wired	15	1	941.80	65.80	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, May 09, 2019	2:30 PM	Wired	7	1	943.80	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, May 11, 2019	9:15 AM	Wired	15	2	932.40	63.10	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, May 12, 2019	12:51 PM	Wired	14	4	933.60	58.80	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, May 13, 2019	7:16 PM	Wired	7	1	960.20	63.30	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, May 14, 2019	12:01 PM	Wired	7	0	967.00	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, May 15, 2019	10:17 AM	Wired	7	4	926.10	61.70	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, May 17, 2019	10:13 AM	Wired	9	1	635.10	63.20	Mediacom Communications	speedtest.mediacomtoday.com	Bad storms last night
Saturday, May 18, 2019	11:40 AM	Wired	7	1	942.80	51.90	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, May 19, 2019	10:08 AM	Wired	7	1	943.30	63.70	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, May 20, 2019	7:10 PM	Wired	7	2	947.10	55.50	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, May 22, 2019	8:36 AM	Wired	9	1	659.90	54.90	Mediacom Communications	speedtest.mediacomtoday.com	Rain last night

Date	Time	Connection	Ping	Jitter	Download*	Upload*	Server	Program	* = Mbps
Wednesday, May 22, 2019	8:50 AM	Wired	6	1	942.10	59.80	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, May 24, 2019	9:12 AM	Wired	7	1	664.40	63.40	Mediacom Communications	speedtest.mediacomtoday.com	Bad storms last night
Saturday, May 25, 2019	10:08 AM	Wired	7	2	581.50	63.20	Mediacom Communications	speedtest.mediacomtoday.com	No storms last night but bad reading
Saturday, May 25, 2019	9:06 PM	Wired	7	1	584.50	63.30	Mediacom Communications	speedtest.mediacomtoday.com	.3 inches of rain
Sunday, May 26, 2019	7:06 PM	Wired	7	1	915.90	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, May 28, 2019	10:46 AM	Wired	7	1	558.40	62.80	Mediacom Communications	speedtest.mediacomtoday.com	.50 inches of rain
Wednesday, May 29, 2019	8:41 AM	Wired	7	3	944.20	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, May 30, 2019	3:33 PM	Wired	9	3	603.60	52.40	Mediacom Communications	speedtest.mediacomtoday.com	light rain last night
Thursday, May 30, 2019	3:47 PM	Wired	5	1	948.60	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, May 31, 2019	12:00 AM	Wired	7	1	657.90	63.30	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, May 31, 2019	2:25 PM	Wired	7	1	936.60	63.50	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, June 01, 2019	1:01 PM	Wired	9	2	368.60	63.30	Mediacom Communications	speedtest.mediacomtoday.com	Rain last night
Saturday, June 01, 2019	2:36 PM	Wired	8	1	919.30	64.40	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, June 03, 2019	11:34 AM	Wired	7	2	951.10	53.30	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, June 04, 2019	9:53 AM	Wired	7	1	532.20	63.80	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, June 04, 2019	12:13 PM	Wired	9	0	947.80	59.60	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, June 12, 2019	9:49 AM	Wired	8	1	942.00	64.20	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, June 15, 2019	6:39 PM	Wired	8	1	942.10	63.60	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, June 29, 2019	9:25 AM	Wired	7	2	721.90	64.00	Mediacom Communications	speedtest.mediacomtoday.com	
		Wired					Mediacom Communications	speedtest.mediacomtoday.com	
Friday, July 31, 2020	11:00 AM	Wired	35		111.48	0.25	Mediacom Communications	speedtest.net	
Friday, July 31, 2020	11:43 AM	Wired	17	3	224.00	61.80	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, July 31, 2020	2:14 PM	Wired	17	2	368.40	62.90	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, July 31, 2020	7:09 PM	Wired	17	2	221.10	61.10	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, July 31, 2020	9:05 PM	Wired	17	10	129.10	12.30	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 01, 2020	7:02 AM	Wired	17	1	260.80	58.50	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 01, 2020	11:14 AM	Wired	18	6	354.10	29.80	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 01, 2020	11:59 AM	Wired	12	3	486.30	56.00	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 01, 2020	8:26 PM	Wired	17	5	103.20	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 02, 2020	8:11 AM	Wired	17	3	212.10	47.30	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 02, 2020	10:53 AM	Wired	14	2	316.40	54.0	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 02, 2020	11:39 AM	Wired	21	10	182.20	58.20	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 02, 2020	4:39 PM	Wired	17	9	322.20	49.60	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 02, 2020	8:39 PM	Wired	18	3	195.10	64.70	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 03, 2020	7:11 AM	Wired	18	0	281.60	51.10	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 03, 2020	11:12 AM	Wired	16	2	395.40	43.80	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 03, 2020	5:09 PM	Wired	17	2	320.20	43.80	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 03, 2020	7:06 PM	Wired	14	2	392.10	35.00	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 04, 2020	9:39 AM	Wired	8	1	599.40	51.00	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 04, 2020	10:56 AM	Wired	8	2	785.60	51.10	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 04, 2020	1:32 PM	Wired	8	2	839.00	35.60	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 04, 2020	4:33 PM	Wired	7	1	807.80	30.00	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 04, 2020	8:32 PM	Wired	8	5	737.00	40.30	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, August 05, 2020	9:40 AM	Wired	8	1067	497.50	16.40	Mediacom Communications	speedtest.mediacomtoday.com	Mediacom Commu.mediacomtoday.com
Wednesday, August 05, 2020	11:00 AM	Wired	8	5	893.70	48.40	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, August 05, 2020	8:10 PM	Wired	8	1	763.10	60.80	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 06, 2020	9:10 AM	Wired	4	2	739.40	60.80	Mediacom Communications	speedtest.mediacomtoday.com	

Date	Time	Connection	Ping	Jitter	Download*	Upload*	Server	Program	* = Mbps
Thursday, August 06, 2020	9:29 AM	Wired	8	2	365.40	55.30	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 06, 2020	10:02 AM	Wired	8	1	698.80	58.20	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, August 07, 2020	9:17 AM	Wired	7	0	776.20	52.00	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, August 07, 2020	9:06 PM	Wired	8	2	741.20	36.70	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 08, 2020	8:39 AM	Wired	8	1	642.90	44.20	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 08, 2020	5:26 PM	Wired	8	2	631.80	61.70	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 09, 2020	10:34 AM	Wired	8	1	326.80	60.30	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 09, 2020	12:12 PM	Wired	8	5	547.50	51.50	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 16, 2020	8:57 AM	Wired	19	2	241.40	63.90	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 16, 2020	10:06 AM	Wired	20	1	294.70	62.30	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 16, 2020	2:46 PM	Wired	19	3	228.80	62.60	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 17, 2020	9:05 AM	Wired	19	3	219.40	47.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, August 19, 2020	11:33 AM	Wired	3	2	392.20	60.90	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 20, 2020	10:29 AM	Wired	8	5	302.40	50.70	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 20, 2020	12:06 PM	Wired	9	1	512.20	61.70	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 20, 2020	7:07 PM	Wired	9	5	383.90	43.00	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, August 21, 2020	9:20 AM	Wired	8	1	576.50	60.50	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 22, 2020	8:20 AM	Wired	8	2	625.80	60.60	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 22, 2020	9:49 PM	Wired	9	3	542.80	36.60	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 23, 2020	10:05 AM	Wired	5	2	400.40	56.70	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 23, 2020	6:47 PM	Wired	7	1	296.00	60.80	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 24, 2020	10:16 AM	Wired	5	1	567.30	60.60	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 24, 2020	5:22 PM	Wired	19	1	501.70	60.10	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 25, 2020	10:35 AM	Wired	20	0	249.00	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, August 25, 2020	1:13 PM	Wired	19	1	299.10	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, August 26, 2020	9:20 AM	Wired	19	2	207.80	46.80	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, August 26, 2020	1:29 PM	Wired	19	3	192.50	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, August 27, 2020	10:07 AM	Wired	18	1	467.40	60.30	Mediacom Communications	speedtest.mediacomtoday.com	
Friday, August 28, 2020	8:37 AM	Wired	19	1	465.40	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 29, 2020	7:43 AM	Wired	20	3	257.20	60.20	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, August 29, 2020	11:04 AM	Wired	19	9	318.30	55.90	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, August 30, 2020	9:56 AM	Wired	18	1	397.80	61.90	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 31, 2020	5:17 AM	Wired	19	6	201.70	47.80	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 31, 2020	7:56 AM	Wired	19	2	424.40	60.10	Mediacom Communications	speedtest.mediacomtoday.com	
Monday, August 31, 2020	1:44 PM	Wired	19	4	227.70	61.70	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, September 01, 2020	10:12 AM	Wired	20	49	239.80	63.40	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, September 01, 2020	10:38 AM	Wired	19	1	253.20	60.30	Mediacom Communications	speedtest.mediacomtoday.com	
Tuesday, September 01, 2020	3:46 PM	Wired	20	3	275.90	56.40	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, September 02, 2020	8:11 AM	Wired	20	4	317.30	37.00	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, September 02, 2020	10:19 AM	Wired	19	1	284.40	60.50	Mediacom Communications	speedtest.mediacomtoday.com	
Wednesday, September 02, 2020	11:06 AM	Wired	20	7	364.70	29.90	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, September 03, 2020	8:26 AM	Wired	19	2	405.60	62.00	Mediacom Communications	speedtest.mediacomtoday.com	
Thursday, September 03, 2020	10:52 AM	Wired	19	2	266.30	56.50	Mediacom Communications	speedtest.mediacomtoday.com	
Sunday, September 06, 2020	11:10 AM	Wired	19	2	373.20	52.40	Mediacom Communications	speedtest.mediacomtoday.com	
Saturday, July 03, 2021	9:33 AM	Wired	8	1	722.90	61.00	Mediacom Communications	speedtest.mediacomtoday.com	
		Wired					Mediacom Communications	speedtest.mediacomtoday.com	
		Wired					Mediacom Communications	speedtest.mediacomtoday.com	



Account Information

This statement reflects current charges as of the date the statement was printed.

Did you know?

Mediacom requires a minimum of 7 days advanced notification to terminate service and arrange for the return of all equipment. Failure to return our equipment will result in the following charges: Non-addressable converter up to \$125.00; addressable converter up to \$300.00; modem up to \$139.99; digital converter up to \$500.00; remote control up to \$85.00.

Statement of Service

Page 1 of 2

RAYMOND KNAPP

June 19, 2021

Account Number

8383970400168591

Account PIN

3817

Telephone Number

(515) 249-1899

For Service at

422 2ND ST

PERRY IA 50220-1903

How to reach us...

Online: support.mediacomcable.com to sign into your account.

App: Download **MediacomConnect** at iTunes Store or Google Play

Phone: Call us 24/7 at 1-855-633-4226 to pay using our automated system.

Local Office Address: 225 S Dayton Ave., Ames, IA 50010



Your Summary

Bill from 06/29/21 through 07/28/21

See the back for details

Previous Balance	\$135.43
Payments	-135.43
Bundled Services	131.99
Individual Services	0.00
Taxes and Fees	3.44
Amount Due	\$135.43
Amount Due By	Autopay

CREDIT CARD CHARGE WILL BE ON 07/09/21

Closed captioning: If you are experiencing issues with Closed Captioning, please contact Mediacom Customer Service at (855) 633-4226, fax (845) 698-4079 or visit our website at <http://mediacomtoday.com>. For written closed captioning complaints, contact: Penny Kurdyla, Mediacom Closed Captioning Office, 1 Mediacom Way, Mediacom Park, NY 10918, Phone (877) 647-6221, fax (845) 698-4079 or email closedcaption@mediacomcc.com.



2205 INGERSOLL DES MOINES IA 50312-5289

8383 9700 NO RP 19 06202021 YYYNYNN 01 000176 0001

RAYMOND KNAPP
422 2ND ST
PERRY IA 50220-1903

June 19, 2021

Account Number:

8383970400168591

RAYMOND KNAPP

422 2ND ST

PERRY IA 50220-1903

Amount Due By Autopay **\$135.43**

Amount you are enclosing: \$



MEDIACOM
PO BOX 5744
CAROL STREAM IL 60197-5744



838397040016859100135434



8383 9700 NO RP 19 06202021 YYYNYNN 01 000176 0001

RAYMOND KNAPP
Account Number
Telephone Number

Page 2 of 2
June 19, 2021
8383970400168591
(515) 249-1899

Your Account Details

06/19	Previous Balance	\$135.43
06/08	Credit Card Payment	-135.43
		\$0.00

Your Bundled Services

06/29 - 07/28	Comp Mkt Offer Yr 3 (01/19) - 4350 Year 3	131.99
	1 Gig Internet-6000 GB	109.99
	Modem/EMTA	0.00
	High Speed Modem	12.00
	* Mediacom Phone Service	10.00

Three year promotion. Year 3 bundle discount expires on 01/21/22. (PC)
Year 3 bundle discount amount: \$69.95

\$131.99

Taxes and Fees

Internet

06/19	Local Sales Tax	0.12
06/19	State Sales Tax	0.72

Phone

06/19	Regulatory Recovery Fee	0.18
06/19	Local Sales Tax	0.07
06/19	Local E911 Tax	1.00
06/19	Iowa Dual Party Relay	0.03
06/19	Federal Universal Service Fund	0.88
06/19	State Sales Tax	0.44
		\$3.44

Total Due By Autopay \$135.43

FOR COMPLAINTS REGARDING YOUR TELEPHONE SERVICE, YOU MAY REQUEST ASSISTANCE FROM THE IOWA UTILITIES BOARD BY WRITING 1375 E COURT AVENUE, ROOM 69, DES MOINES, IOWA 50319-0069, BY CALLING 515-725-7321 OR TOLL FREE 1-877-565-4450 OR EMAIL CUSTOMER@IUB.IOWA.GOV FCC COMMUNITY ID: IA0069

MediacomConnect MobileCARE App

Just a touch, tap and a swipe away – the MediacomConnect app is the **FREE** and **EASY** way to manage your account from wherever you are.

- ☒ View billing statements
- ☒ Check account balance
- ☒ Review account history
- ☒ Monitor Internet data usage
- ☒ Pay monthly bill
- ☒ Schedule service appointments
- ☒ Manage Auto Pay
- ☒ Manage WiFi service

Go to GooglePlay® or the iTunes® app store and download today.



Payment Options

ONLINE:

Visit support.mediacomcable.com to sign into your account.

THE APP:

Download the **MediacomConnect MOBILECare app**. Go to Google Play or iTunes app store and download today.

TEXT:

Text Mediacom to 66554

PHONE:

Call us 24/7 at 1-855-633-4226 to pay using our automated phone system.

MAIL:

Return this payment stub with your check or money order made **payable to Mediacom**.

Minburn Telephone Company

Challenge – Perry Rural

Other Supporting Documentation

Perry Rural Broadband Expansion

Empower Rural Iowa Broadband Grants
Program

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T9 P1

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