

**Frontier RDOF Kicker CASF Broadband Infrastructure Grant Application – Burney  
Item #6 - Project Summary**

**Applicant:** Citizens Telecommunications Company of California Inc. d/b/a Frontier Communications of California (U-1024-C)

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**Project Title:** Burney

**Project Location:** Shasta County

**Funding Request:** CASF Funding: \$5,655,697  
Level 2 Kicker Funding: \$666,000

**PROJECT SUMMARY**

Citizens Telecommunications Company of California Inc. d/b/a Frontier Communications of California (U-1024-C) (Frontier) is applying for a Level 2 Grant from the California Advanced Services Fund (CASF) Rural Digital Opportunity Fund (RDOF) Kicker Program to deploy last mile fiber to the home (FTTH) facilities that will provide High Speed Internet (HSI) to 862 unserved households in the region of Burney within Shasta County. Frontier refers to this proposal as the Burney Project (Project). The Project would allow service to last-mile customers with minimum symmetrical speeds of 50 Mbps and maximum symmetrical speeds of up to 1 Gbps using fiber optic technology. Service will also be made available through Frontier’s low-income broadband programs described in more detail below. Frontier is requesting that the California Public Utilities Commission (Commission) grant \$5,655,697 from the CASF fund and Level 2 kicker funding in the amount of \$666,000 for this project

**DESCRIPTION OF INFRASTRUCTURE BEING DEPLOYED (Miles of planned fiber, Central Offices used, remote terminals / fiber huts / wireless towers to be built, and if an IRU is used):**

This project will place 253,787 aerial feet and 152,597 buried feet of 144 fiber optic cable for FTTH in the Burney Wire Center. This project fiber build is 100% last mile. Seven FDH and 1 CO OLT will be placed at the Central Office.

**ESTIMATED BREAKDOWN OF AERIAL AND UNDERGROUND INSTALLATION:**

It is estimated that this project will be approximately 62% aerial and 38% underground installation.

**DESCRIPTION OF PROPOSED BROADBAND PROJECT PLAN FOR WHICH CASF FUNDING IS BEING REQUESTED, INCLUDING THE TYPE OF TECHNOLOGY TO BE PROVIDED IN THE PROPOSED SERVICE AREAS - the project description will provide enough construction detail to enable a preliminary indication of the need for a California Environmental Quality Act (CEQA) review and if proposed project areas contains any environmentally sensitive areas (i.e. when trenching is required, the applicant will state and describe the manner in which the site is to be restored, post-trenching).**

Frontier will leverage all existing infrastructure within the Right of Way, including existing poles, underground system, and where Frontier currently has direct buried copper cables. There may be sections where boring and trenching is necessary when Frontier cannot leverage third party existing

infrastructure. Frontier will restore, trench and bore locations back to its original state after construction is completed. Frontier does not anticipate that CEQA review will be needed for the FTTH build.

**IDENTIFICATION OF THE LEVERAGING OF EXISTING AVAILABLE FACILITIES (i.e. interconnection in lieu of overbuilding existing facilities of another provider):**

Frontier will connect existing middle-mile facilities where applicable, such as main router, Packet Optical, and router locations. This application is FTTH, and therefore, Frontier cannot leverage existing copper networks as they are two different technologies.

**INFORMATION ABOUT PROJECTS TO SERVE NEARBY CASF-ONLY ELIGIBLE HOUSEHOLDS:**

The nearby CASF-Only Eligible Households will be upgraded to enable internet speeds up to 1G/1G. These households are in and adjoining unserved areas. CASF funding based on the rural community's critical broadband needs, including their educational and economic digital divide. This project also provides safety benefits to the community including, but not limited to, robust bandwidth in the event of wildfire, winter storms and earthquakes as well as improved access to e-health services.

**FUNDING**

To receive a Level 2 award, a project must qualify to receive Level 1 support and satisfy additional Level 2 criteria. Projects receiving Level 2 awards will be provided up to an additional 10% of the RDOF reserve price in kicker funding for eligible census blocks, yielding a total of up to 20% kicker funding for the Level 1 and Level 2 awards combined. Frontier maintains that this project qualifies under Level 2 eligibility requirements:

- Level 2 eligibility requirements:
  - ✓ Qualification for Level 1 support
- Level 2 Provider Participation Requirements:
  - ✓ Level 1 Participation Requirements
  - ✓ Provision of low-income or affordable broadband plans for low-income consumers served by RDOF-funded infrastructure, for the 10-year duration of RDOF funding\*
  - ✓ One or both of the following:
    - Offering Indefeasible Rights of Use at no cost for fibers for California Tribes located within 40-miles of RDOF funded last-mile or middle-mile routes
    - Designation as a Carrier of Last Resort (COLR) in the service provider's RDOF-funded areas

\* *Low-Income Plans:* Frontier features a choice of two low-income programs for customers: Frontier Fundamental and Frontier Affordable Broadband. The Frontier Affordable Broadband product requires that customers enrolled in Lifeline telephone service. Alternatively, the Frontier Fundamental product is a stand-alone low-income broadband program that does not require a customer to purchase telephone service. Both products will provide minimum symmetrical speeds of 50 Mbps in fiber areas.

**Number of Locations by Census Block**

<b>Census Block</b>	<b>Adjacent</b>	<b>Kicker</b>	<b>RDOF ONLY</b>	<b>Grand Total</b>
60890127011112			11	11
60890127011119		2		2
60890127011130			2	2
60890127011135	3			3
60890127011142			3	3
60890127011174			11	11
60890127011175	1			1
60890127011183		2		2
60890127011187	5			5
60890127011189		3		3
60890127011190			18	18
60890127011194			3	3
60890127011213			9	9
60890127011214			5	5
60890127011215			11	11
60890127011217			5	5
60890127011230	1			1
60890127011231			8	8
60890127011232			39	39
60890127011244		2		2
60890127011254		1		1
60890127011257		1		1
60890127011278			16	16
60890127011279	2			2
60890127011282			11	11
60890127011290			2	2
60890127011291		1	1	2
60890127011310			1	1
60890127011313	11			11
60890127011314	6			6
60890127011355		1		1
60890127011382			2	2
60890127011388	1			1
60890127011389		2		2
60890127011395			1	1
60890127011396			3	3
60890127011397	1			1
60890127011399		1		1
60890127011406			25	25
60890127011509		19		19

Census Block	Adjacent	Kicker	RDOF ONLY	Grand Total
60890127011512		1	1	2
60890127011514		1	4	5
60890127011517			6	6
60890127011523		19		19
60890127011524		3		3
60890127011527			1	1
60890127011528		1		1
60890127011552	21			21
60890127011555	5			5
60890127012002	36			36
60890127012003	10			10
60890127012006	8			8
60890127012010	27			27
60890127012011	25			25
60890127012013	16			16
60890127012015	13			13
60890127012016	1			1
60890127012018	5			5
60890127012019	7			7
60890127012021	12			12
60890127012022	14			14
60890127012024	4			4
60890127012025	1			1
60890127012028	1			1
60890127012029		3		3
60890127012033			14	14
60890127012037	4			4
60890127012038	1			1
60890127013039	20			20
60890127014008	6			6
60890127014009		2		2
60890127014020	23			23
60890127014027	93			93
60890127014032	2			2
60890127014034			1	1
60890127014037	15			15
60890127014038	12			12
60890127014039	27			27
60890127014040	21			21
60890127014041	14			14
60890127014042	17			17
60890127014043	35			35

Census Block	Adjacent	Kicker	RDOF ONLY	Grand Total
60890127014046	18			18
60890127014050			1	1
60890127021143	4			4
60890127021162	1			1
60890127021180	1			1
60890127021244	1			1
60890127023087		3		3
60890127023092	1			1
60890127023109		2		2
60890127023110	3			3
60890127023111			3	3
60890127023113	4			4
60890127023117	1			1
60890127023118		1		1
60890127023122	6			6
60890127023125	2			2
60890127023219	1			1
60890127023230			2	2
60890127023292	1			1
<b>Grand Total</b>	<b>571</b>	<b>71</b>	<b>220</b>	<b>862</b>

# Burney Area Map

