

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

Applicant: Frontier California Inc. (U-1002-C)

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Project Title: Goleta

Project Location: Santa Barbara County

Funding Request: CASF Funding: \$1,614,221
Level 2 Kicker Funding: \$260,000

PROJECT SUMMARY

Frontier California Inc. (U-1002-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 1,236 unserved households in the region of Goleta within Santa Barbara County. Frontier refers to this proposal as the Goleta 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 \$1,614,221 from the CASF fund and Level 2 kicker funding in the amount of \$260,000 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 339,626 aerial feet and 46,326 buried feet of 144 fiber optic cable for FTTH in the Goleta Wire Center. The fiber build is 100% last mile. Eight 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 88% aerial and 12% 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

Census Block	Adjacent	Kicker	RDOF ONLY	Grand Total
60830001011003		28		28
60830001011004		31		31
60830001011005		28		28

Census Block	Adjacent	Kicker	RDOF ONLY	Grand Total
60830001011006		12		12
60830001011007	48			48
60830001011008	11			11
60830001011009		14		14
60830001011010	18			18
60830001011011	7			7
60830001011012		19		19
60830001011013	10			10
60830001011014	22			22
60830001011016	16			16
60830001011017		13		13
60830001011018		12		12
60830001011019		18		18
60830001011021	12			12
60830001011023	7			7
60830001011024	4			4
60830001011025		5		5
60830001011026		5		5
60830001011027	67			67
60830001011028	4			4
60830001011029	28			28
60830001011030	10			10
60830001011031		42		42
60830001011032		9		9
60830001011033	35			35
60830001011034	34			34
60830001011035	43			43
60830001011046		13		13
60830001012001	1			1
60830001012010	10			10
60830001012013	1			1
60830001013011		2		2
60830001031000			19	19
60830001032002		9		9
60830001032003			130	130
60830019064000		16		16
60830019064002		7		7
60830019064011	1			1
60830019064016		2		2
60830019064018		3		3
60830019064020			27	27
60830019064021		4		4

Census Block	Adjacent	Kicker	RDOF ONLY	Grand Total
60830019064022	1			1
60830019064023		2		2
60830019064028		6		6
60830019064205			61	61
60830019064206	1			1
60830019064207	2			2
60830019064217			23	23
60830019064218	2			2
60830019064219			14	14
60830019064220			11	11
60830019064221	1			1
60830019064226		1		1
60830019064227	3			3
60830019064229		6		6
60830019064231		66		66
60830019064234		1		1
60830019064235		14		14
60830019064236		5		5
60830019064240		24		24
60830019064242		1		1
60830029071001		1		1
60830029071002			7	7
60830029071004		3		3
60830029071007			4	4
60830030012022		13		13
60830030012023		28		28
60830030012024		8		8
60830030012025	18			18
60830030012026		28		28
60830030012027		24		24
Grand Total	417	523	296	1236

Goleta Area Map

