

PST Elysian Valley-Johnstonville Project Summary

Applicant:

Plumas-Sierra Telecommunications

U-Number: U-7218-C

Contact Person:

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Project Title:

PST Elysian Valley-Johnstonville Mid-Mile / Last-Mile Broadband Project

Proposed Project Area Location:

Elysian Valley, Levitt Lake and Johnstonville areas, Lassen County

Project Type:

Hybrid Mid-Mile and Last-mile

CASF Funding Requested:

\$4,451,125 in grant funds

Description of the Project:

To leverage the current PST mid-mile fiber network for which Plumas-Sierra Telecommunications was awarded ARRA and CASF funds, PST is now applying for additional CASF funding to deploy further mid-mile and last-mile broadband networks to serve the Elysian Valley, Levitt Lake and Johnstonville areas of Lassen County.

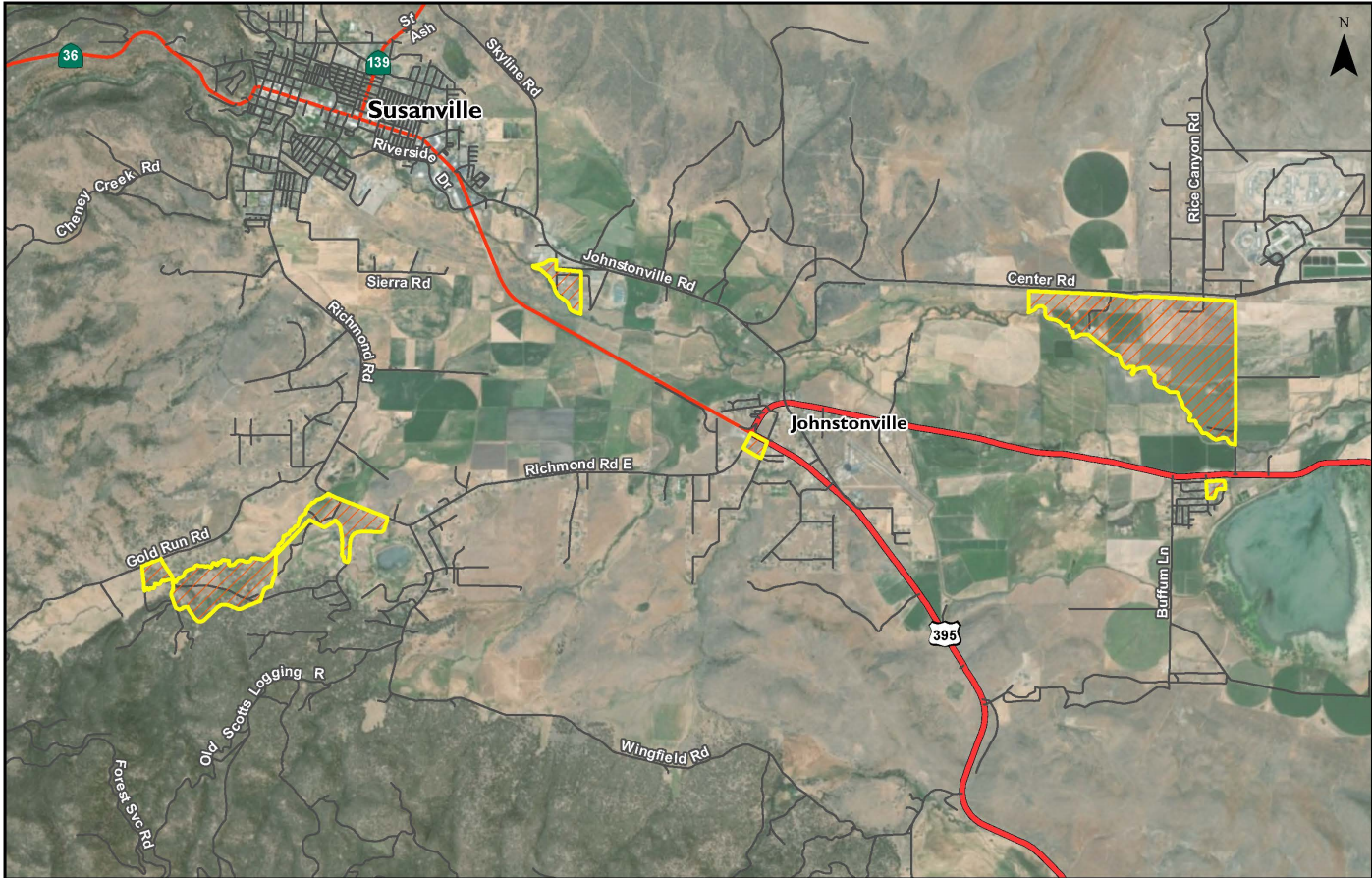
The mid-mile network expansion is vital to reach the deployment area for the last-mile target residences. The last-mile network will use fiber optic wireline technology interconnected with PST's mid-mile fiber network to offer service to 84 households in these unserved areas of Lassen County.

Service offerings will include minimum speeds of 10Mbps down/1Mbps up.

The use of fiber optics will allow PST to provide the households in this application with the most current technology, offering an improved quality of life that is not available to these residents now because of their current broadband isolation.

Map of the Proposed Project:

Plumas Sierra Telecom - CASF Project: Elysian Valley - Johnstonville



 Project Area - REVISED

0 1 2 Miles



The image to the left helps illustrate the low customer density of these areas and why the mid-mile infrastructure to reach them is so important. The low customer density is part of why it is so expensive to bring broadband to this area and why other providers have not stepped up.

Fixed Broadband Served Status by Census Block within project area:

	Unserviced - Slow Service	Unserviced - No Service	Unserviced Total
Population	0	162	162
Households	0	69	69
Housing Units	0	77	77
Addresses (from Item 4)	0	84	84

This project will bring service to 84 address locations which are outlined in Item 4. These addresses are derived from the Lassen county parcel layer.

Census Blocks to be served:

- 060350403021000
- 060350403021016
- 060350403021017
- 060350403021024
- 060350403021043
- 060350403022001
- 060350403022010
- 060350403022013
- 060350403022030
- 060350403022038
- 060350403042047

Funding Level:

The area applied for is 100% unserved with no service (Dial-up only) according to the CPUC's 2018 Housing Unit projections. No existing CAF II areas are within the project area. Requesting 100% project funding.

The project area includes 11 census blocks in Lassen County including the communities of Johnstonville, Levitt Lake and Elysian Valley. This area encompasses 1.4 Square Miles.

Median Household Income: \$80,250

Anchor Institutions, Public Safety Locations and Businesses:

The project area does not include any Anchor Institutions or Public Safety Locations as identified by the current California Interactive Broadband Map.

There are three businesses in the proposed project area.

- Highway Patrol, California
- R. C. Associates, LLC

- Leirick Welding

Major Infrastructure and Equipment to be Deployed:

- 2 E7 Chasis
- 2 8-port laser
- 2 GIGE card
- 2 GPON card
- 16 40K SFPs
- 2 80K SFP

Aerial and Underground Installation:

- 2.08 Miles of underground infrastructure
- 43.56 Miles of overhead infrastructure

Estimated Construction Timeline: 9 months

Proposed Broadband Project Plan:

The PST Elysian Valley-Johnstonville Mid-Mile / Last-Mile Broadband Project plans to use fiber optic cable to provide download speeds of up to 100 Mbps and upload speeds of up to 20 Mbps.

PST is leveraging its current mid-mile fiber network for which it was awarded ARRA and CASF funds to deploy this additional mid-mile and last-mile broadband network to serve the Elysian Valley, Levitt Lake and Johnstonville areas of Lassen County.

The mid-mile network expansion is vital to reach the deployment area for the last-mile target residences because there is no existing mid-mile infrastructure to interconnect with for this project, and without it, PST will not be able to provide service to these areas.

Plumas-Sierra Telecommunications believes that this mid-mile / last-mile broadband project is categorically exempt from CEQA requirements based on the findings of the CEQA analysis conducted for the previous ARRA grant, and because PST is using existing public utility easements considered previously disturbed.

PST is not disputing the Broadband Map depiction of served status.

PST is not seeking Ministerial Review of this project.