

## **PST C Road-Mohawk Vista Project Summary**

### **Applicant:**

Plumas-Sierra Telecommunications

U-Number: U-7218-C

### **Contact Person:**

Corby Erwin

Member Services Manager

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### **Project Title:**

PST C Road-Mohawk Vista Mid-Mile / Last-Mile Broadband Project

### **Proposed Project Area Location:**

C Road, Mohawk Vista, Mabie, Portola & Beckwourth areas, Plumas County

### **Project Type:**

Hybrid Mid-Mile and Last-mile

### **CASF Funding Requested:**

To Be Determined

### **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 C Road, Mohawk Vista, Mabie, Portola and Beckwourth areas of Plumas County.

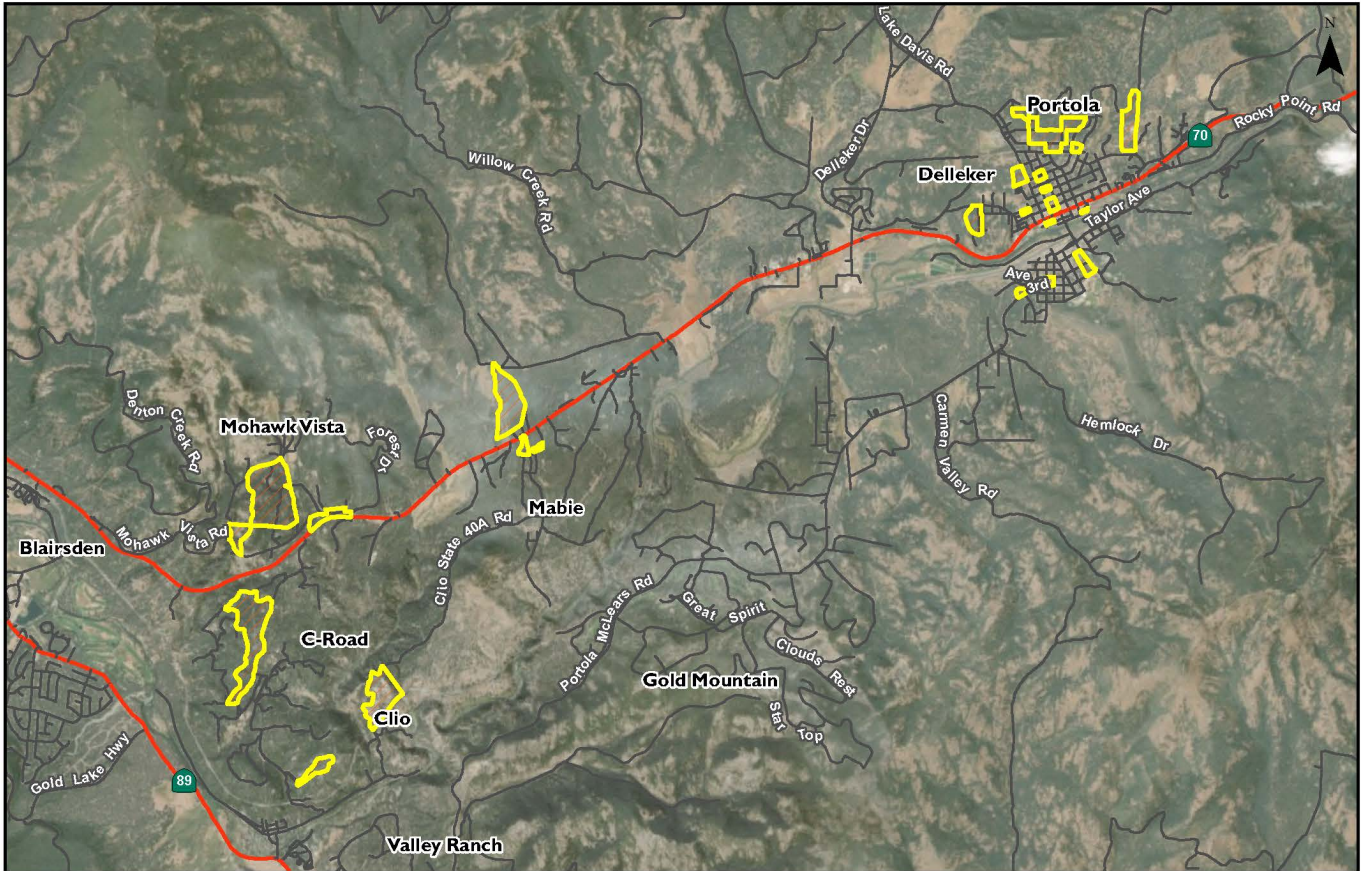
The mid-mile network expansion is vital to reach the deployment area for the last-mile target residences. The last-mile network will use fiber optic wireline technology interconnected with PST's mid-mile fiber network to offer service to 172 households in these unserved areas of Plumas County.

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.

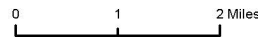
**Map of the Proposed Project:**

**Plumas Sierra Telecom - CASF Project: C-Road - Mohawk Vista - Portola**



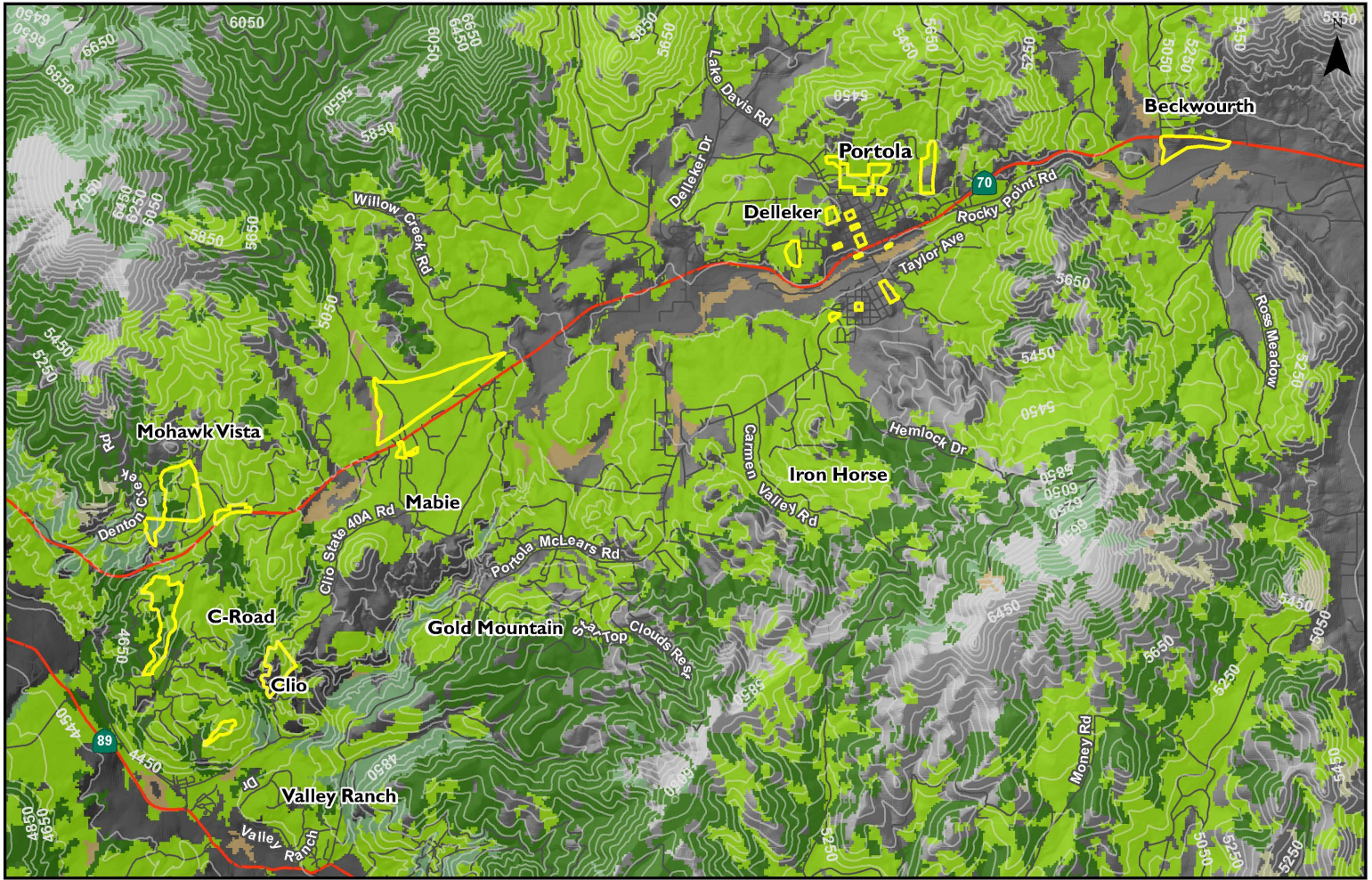
Revision Date: September 30th, 2019

 Project Area - REVISED



The additional map and photos of the project area below help to highlight the dense trees and topography of the areas proposed for service. These are two major factors contributing to the high cost of this project and why other providers have not yet brought service to these areas of Plumas County. The dense tree cover also prohibits the use of wireless services, making fiber optics the only real option to provide broadband service to these areas.

Plumas Sierra Telecom - CASF Project: C-Road - Mohawk Vista - Mable - Gold Mountain - Portola



— Contours - 100 ft  
 [Yellow Outline] Project Area - REVISED

**Forest Vegetation Type**

[Light Green Box] Aspen	[Brown Box] Juniper	[Light Green Box] Pine
[Dark Green Box] Fir	[Dark Green Box] Mixed Conifer	[Tan Box] Riparian
	[Light Green Box] Montane	



An example of terrain and tree density near Portola, CA.



**Fixed Broadband Served Status by Census Block within project area:**

	<b>Unserved - Slow Service</b>	<b>Unserved - No Service</b>	<b>Unserved Total</b>
<b>Population</b>	0	236	<b>236</b>
<b>Households</b>	0	101	<b>101</b>
<b>Housing Units</b>	0	133	<b>133</b>
<b>Addresses (from Item 4)</b>	0	172	<b>172</b>

This project will bring service to 172 address locations which are outlined in Item 4. These addresses are derived from the most current Plumas County parcel database.

**Census Blocks to be served:**

060630002011013  
060630002011017  
060630002011058  
060630002011061  
060630002011083  
060630002011087  
060630002011291  
060630002011301  
060630003001006  
060630003001057  
060630003001058  
060630003001060  
060630003001078  
060630003001083  
060630003001086  
060630003001088  
060630003002032  
060630003002055  
060630003002061  
060630003002067  
060630003002068  
060630003003004  
060630003003010  
060630003003014  
060630003003016  
060630003003017  
060630003003018  
060630003003019  
060630003003020  
060630003003023  
060630003003024  
060630003003057  
060630003003073  
060630003003078  
060630003003082  
060630003003087  
060630003003090  
060630003003091  
060630003003093

**Funding Level:**

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

The project area includes 39 census blocks in Plumas County in the City of Portola and neighboring communities of Mabie, Mohawk Vista, C-Road and Clio. This area encompasses 1.7 Square Miles.

**Median Household Income:** \$42,344

**Anchor Institutions, Public Safety Locations and Businesses:**

The project area includes no Anchor Institutions or Public Safety Locations as identified by the current California Interactive Broadband Map.

There are four businesses in the proposed project area.

- Heavenly Home Assisted Living
- Country Breeze Cleaning
- Landry Masonry
- Corporation of The President of The Church of Jesus Christ of Latter-Day Saints

**Major Infrastructure and Equipment to be Deployed:**

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

**Aerial and Underground Installation:**

- 3.22 Miles of underground infrastructure
- 11.21 Miles of overhead infrastructure

**Estimated Construction Timeline:** 6 months

**Proposed Broadband Project Plan:**

The PST C Road-Mohawk Vista 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, and existing infrastructure of its parent company, Plumas-Sierra Rural Electric Cooperative to deploy this additional mid-mile and last-mile broadband network to serve the C Road, Mohawk Vista, Mabie, Portola and Beckwourth areas of Plumas 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.