

Plumas-Sierra Telecommunications Truckee-Donner Broadband Project Summary

Applicant:

Plumas-Sierra Telecommunications
U-Number: U-7218-C

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Project Title:

Plumas-Sierra Telecommunications Truckee-Donner Broadband Project

Proposed Project Area Location:

The town of Truckee in Nevada County

Project Type:

Last-mile

CASF Funding Requested:

PST is requesting the full project cost of \$8,509,674 in grant funds.

Description of the Project:

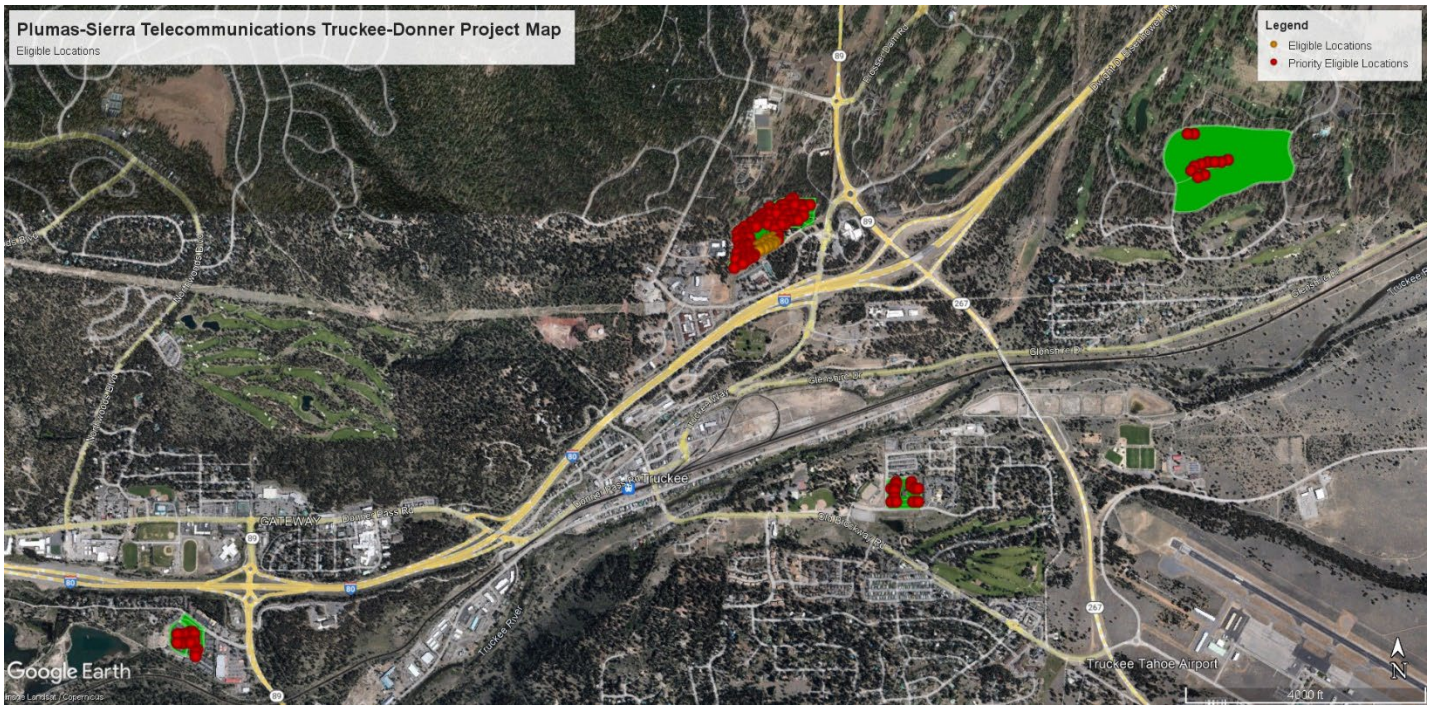
To leverage existing Truckee Donner Public Utility District fiber-optic infrastructure, PST is applying for CASF funding to deploy last-mile broadband networks to serve 150 currently unserved locations in Truckee in Nevada County.

Service offerings will include minimum speeds of 100 Mbps down/ 20 Mbps up and maximum speeds of up to 1Gbps down/1Gbps up. PST’s service offerings will not have data caps.

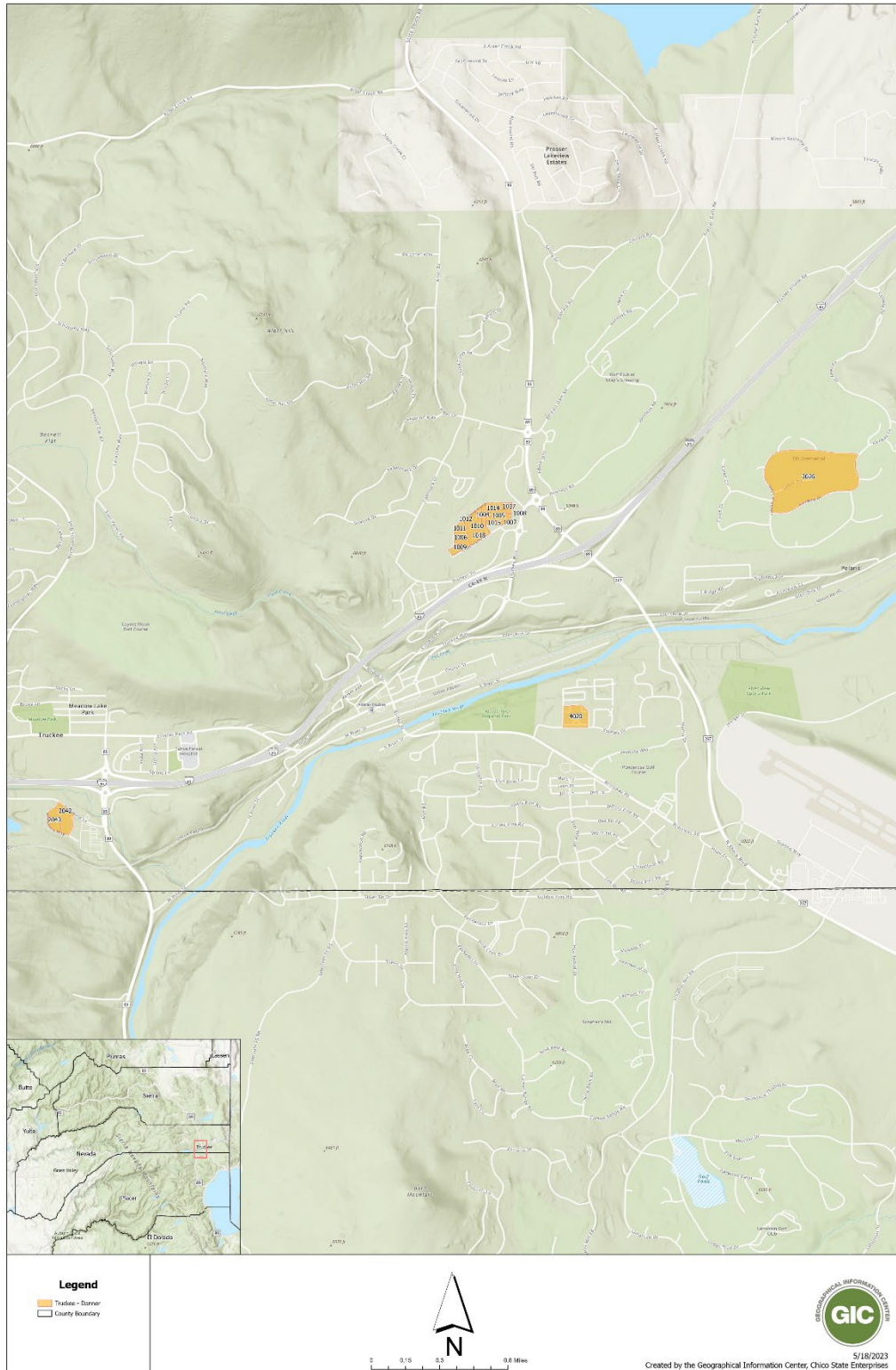
The use of fiber optics will allow PST to provide the households in this application with the most current technology, offering an improved quality of life that is not available to these residents now because of their current broadband isolation.

The COVID-19 Pandemic has highlighted the need for broadband services for working and learning from home. This project will provide much needed service in these rural areas of California.

Maps of the proposed project area follow:



Plumas Sierra Telecom - CASF Truckee-Donner



Serviceable Locations within project area: 150, all of which are currently Unserved with speeds of less than 25 Mbps Down/ 3 Mbps Up. The majority of these locations are in Priority Unserved areas with speeds less than 10 Mbps Down/ 1 Mbps Up.

Census Blocks in Project Area:

60570012111018

60570012074020

60570012053026

60570012111014

60570012111007

60570012111004

60570012111005

60570012111011

60570012111006

60570012111009

60570012111012

60570012111008

60570012111017

60570012111015

60570012111010

60570012092043

60570012092042

Median Household Income: \$91,887.50

Anchor Institutions, Public Safety Locations and Businesses:

The project area does not include any anchor institutions, public safety locations or businesses.

Major Infrastructure and Equipment to be Deployed:

- 11.3 Miles of Fiber Optic Cable

- 1 Cisco Management Switch
- 1 E7 Chasis
- 45 Optical Line Terminals
- 188 Handholes
- 150 Optical Network Terminals
- 1 Above-ground Cabinet
- 2 XGS-PON8 card
- 16 XGS-PON SFPs

Aerial and Underground Installation:

- 6.6 Miles of underground infrastructure
- 4.7 Miles of overhead infrastructure

Cost of Major Infrastructure and Equipment to be Deployed: \$445,674

Estimated Construction Timeline: 18 months

Proposed Broadband Project Plan:

The PST Truckee-Donner Broadband Project plans to use fiber optic cable to provide download speeds of up to 1 Gbps and upload speeds of up to 1 Gbps with no data caps.

PST is leveraging existing Truckee Donner Public Utility District fiber-optic infrastructure to deploy this last-mile broadband network to serve 150 currently unserved locations in Truckee in Nevada County.

Plumas-Sierra Telecommunications believes that this last-mile broadband project is categorically exempt from CEQA requirements because PST is using existing public utility easements considered previously disturbed. PST believes this project is exempt under CEQA Article 19, Sections 15301 b and 15303 d.

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

PST is not seeking Ministerial Review of this project.

The PST Truckee-Donner Broadband Project proposes construction of only new last-mile broadband infrastructure. No funding is being requested for mid-mile infrastructure.