



## Regular Agenda – Communication Resolutions and Reports

### Item #34 [12572] - Funding for Ponderosa's Cressman Underserved Broadband Project from the California Advanced Service Fund

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#### Res T-17428

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#### PROPOSED OUTCOME:

- Approves funding in the amount of \$1,027,380 from the California Advanced Services Fund (CASF) for the CASF grant application of the Ponderosa Telephone Company, for its Cressman Underserved Broadband Project (Cressman Project).
- The Cressman Project will extend high-speed internet service to 3.56 square miles covering the Cressman area of Fresno County.

#### SAFETY CONSIDERATIONS:

- There are several anchor institutions in the area surrounding the Cressman Project, including: elementary and high schools, the US Forest Service, a county library, a fire station, the California Highway Patrol, Cal Trans, California Land Management, U.S. Postal Services, Fresno County Public Works, and Southern California Edison.
- High speed broadband will enhance the Cressman community's access to these entities and the services they provide.

#### ESTIMATED COST:

- \$1,027,380.





## Regular Agenda – Communication Resolutions and Reports

### Item #34a [12840] - ALTERNATE TO ITEM 12572

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**Res T-17428**

**Comr. Florio**

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#### **PROPOSED OUTCOME:**

- Approves funding in the amount of \$654,360 from the California Advanced Services Fund (CASF) for the CASF grant application of the Ponderosa Telephone Company, for its Cressman Unserved and Underserved Broadband Project (Cressman Project).
- The Cressman Project will extend high-speed internet service to 1.34 square miles covering the Cressman area of Fresno County.

#### **SAFETY CONSIDERATIONS:**

- There are several anchor institutions in the area surrounding the Cressman Project, including: elementary and high schools, the US Forest Service, a county library, a fire station, the California Highway Patrol, Cal Trans, California Land Management, U.S. Postal Services, Fresno County Public Works, and Southern California Edison.
- High speed broadband will enhance the Cressman community's access to these entities and the services they provide.

#### **ESTIMATED COST:**

- \$654,360.

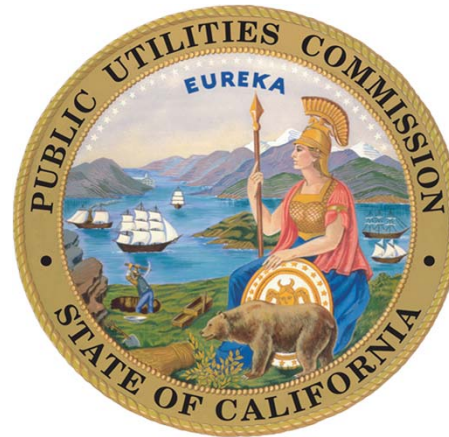




# CASF Broadband Infrastructure Grant

Ponderosa Telephone Company's

# CRESSMAN PROJECT



Ryan Dulin, Director  
Communications Division

California Public Utilities Commission  
April 10, 2014





## CASF General Overview

- The Commission authorized the California Advanced Services Fund (CASF) in December 2007
  
- Encourages deployment of high-quality advanced communications services in order to promote economic growth, job creation, & other social benefits
  
- Comprised of four accounts
  - Broadband Infrastructure Grant Account
  - Rural & Urban Regional Broadband Consortia Grant Account
  - Broadband Infrastructure Revolving Loan Account
  - Broadband Public Housing Account
  
- Broadband Infrastructure Grant Account provides funding for the capital costs of broadband infrastructure projects in unserved & underserved areas of California





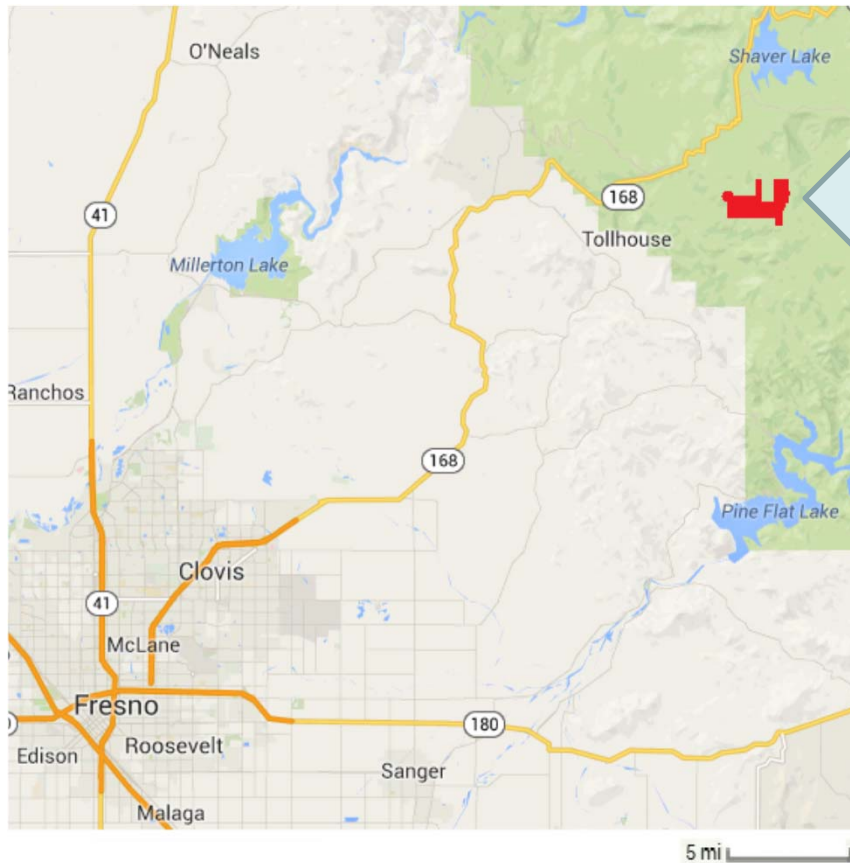
# Cressman Project Summary

- Proposed by Ponderosa Telephone Company
- Extends fiber optic backhaul facilities and deploys DSL to the Cressman Community of Fresno County
- 70 households in project area
  - 65 households in Lower Cressman neighborhood
  - 5 households in Rush Creek neighborhood
- Broadband speeds: Minimum of 6 Mbps Upstream / 1.5 Mbps Downstream  
Maximum of 24 Mbps Upstream / 2 Mbps Downstream
- Deployment schedule of 21 months





# Cressman Project Area



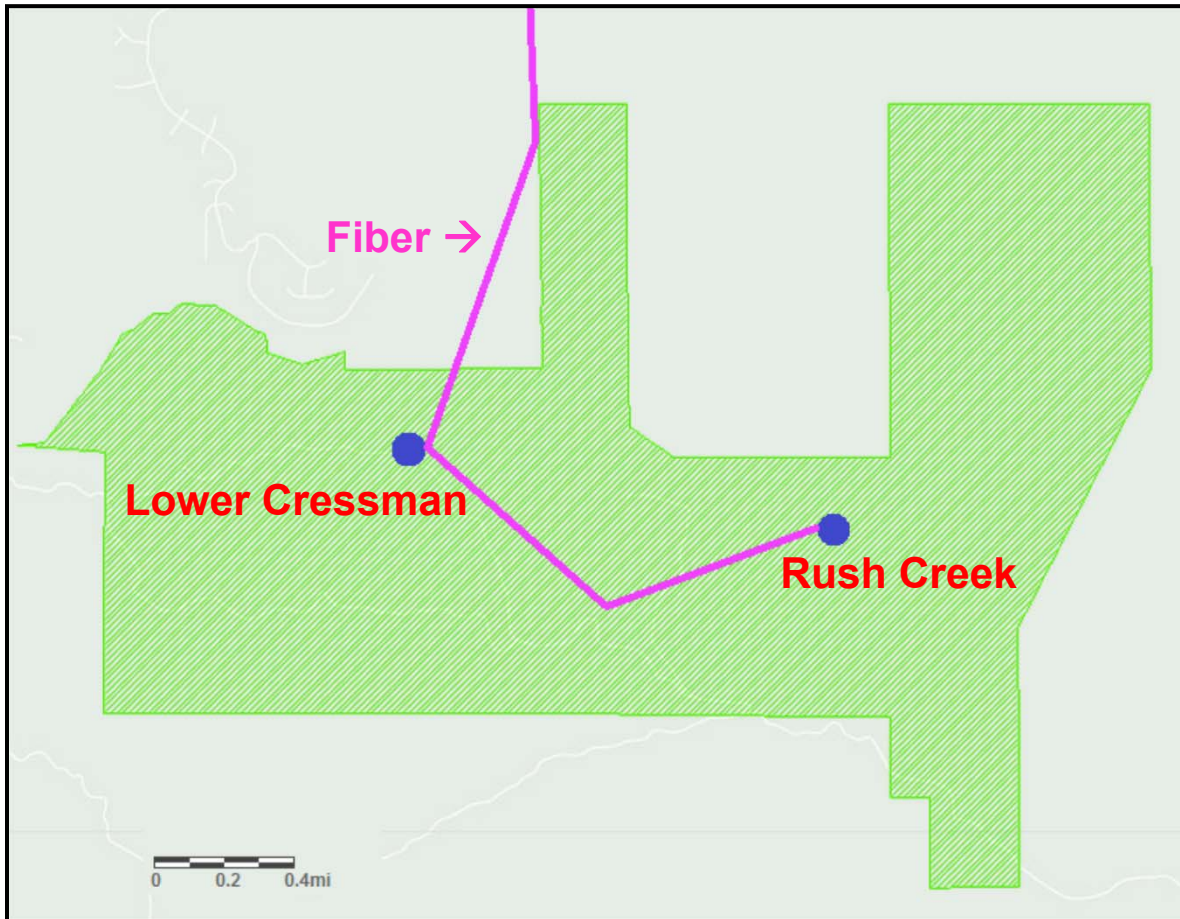
**Project Area**

- Cressman Community in Fresno County
- Sierra Forest & Foothills
- About 30 miles north-east of the City of Fresno





# Cressman Project Summary



- Placing new fiber optic cable from upgraded equipment at Sierra Cedars to new DSL equipment installed in two cabinets at Lower Cressman and Rush Creek
- DSL service delivered to end-user homes via existing copper facilities





## Benefits & Safety

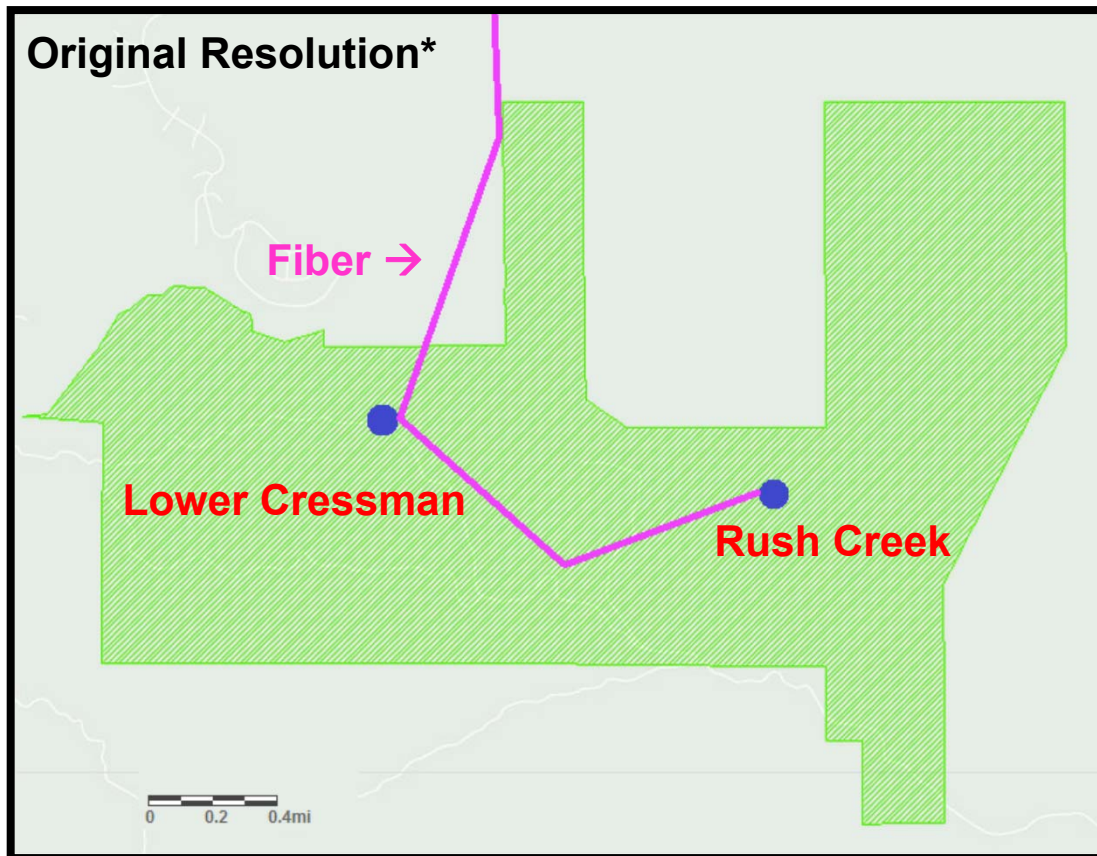
- Brings broadband to 59 unserved and 11 underserved households
- Project scored particularly well in the “Financial Viability” category
- Enhances broadband access to anchor institutions located near the project area, including: elementary and high schools, the US Forest Service, a county library, a fire station, the California Highway Patrol, Cal Trans, California Land Management, U.S. Postal Services, Fresno County Public Works, and Southern California Edison
- Improves access to emergency services in this fire-prone region with harsh weather conditions



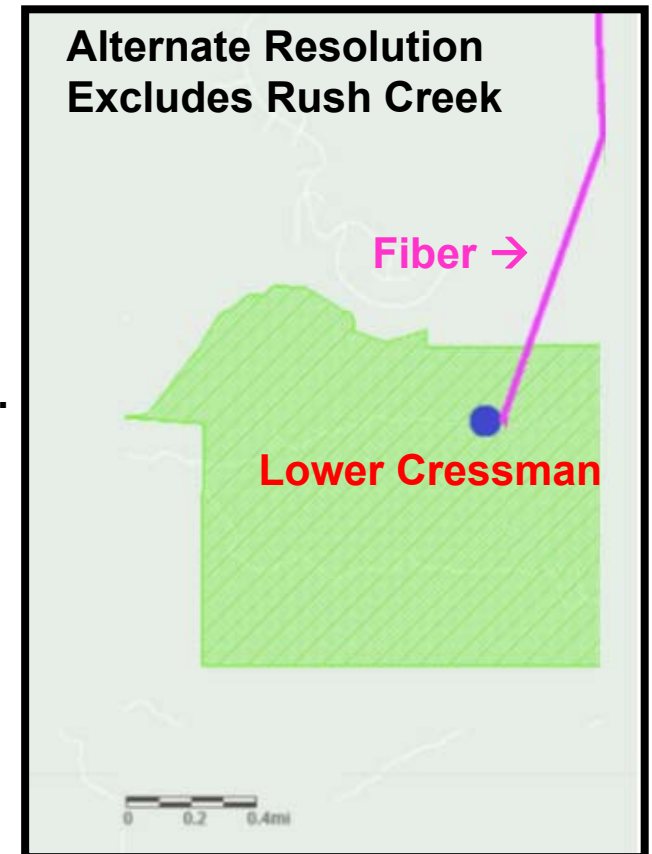




# Original vs. Alternate Resolution



VS.



\* The Rush Creek extension provides facilities that Ponderosa can eventually use to reach the Blue Canyon subdivision, a U.S. Forest Service workstation and complete a fiber ring to improve regional reliability





# Original vs. Alternate Resolution

	Original Resolution	Alternate Resolution
<b>Areas Served</b>	Lower Cressman & Rush Creek	Lower Cressman
<b>Total Project Costs</b>	\$1,712,300	\$1,090,600
<b>CASF Award Amount</b>	\$1,027,380	\$654,360
<b>CASF Award Percentage</b>	60%	60%
<b>Ponderosa Matching Funds</b>	\$684,920	\$436,240
<b>Project Area (square miles)</b>	3.56	1.34
<b>Households in Project Area</b>	70	65
<b>CASF Award Per Household</b>	\$14,677	\$10,067





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