

---

**Karuk Community Health Clinic**

64236 Second Avenue  
Post Office Box 316  
Happy Camp, CA 96039  
Phone: (530) 493-5257  
Fax: (530) 493-5270

# Karuk Tribe

**Administrative Office**

Phone: (530) 493-1600 • Fax: (530) 493-5322  
64236 Second Avenue • Post Office Box 1016 • Happy Camp, CA 96039

**Karuk Dental Clinic**

64236 Second Avenue  
Post Office Box 1016  
Happy Camp, CA 96039  
Phone: (530) 493-2201  
Fax: (530) 493-5364

---

## 1. Project summary

The Karuk Tribe—in collaboration with its project partner, the Yurok Tribe—is requesting \$6,102,421.80 in California Advanced Services Fund (CASF) funding over 24 months to support the provision of high-speed broadband Internet to underserved and unserved communities, which cover an area of approximately 80 square miles. The Karuk Tribe will serve as lead applicant and fiscal agent for the Klamath River Rural Broadband Initiative (KRRBI).

The proposed project described herein will provide high-speed broadband Internet service to areas in both tribes that remain unserved or underserved by current broadband providers. To achieve this shared goal, both tribes have agreed to partner with one another under the Certificate of Public Convenience and Necessity (CPCN) the Karuk tribe now holds. The purpose of this partnership is to build out a robust middle and last mile broadband network to service all there tribal communities and surrounding neighbors. The description below describes the Fiber Optic Network for the middle mile and the communities we will serve along the way with last mile wireless distribution networks. This Middle mile backhaul is a total of 80.7 miles of Fiber Optic cable being micro-trenched, trenched or hung on existing joint use poles. Most of the wireless equipment will be roof, pole or tower mounted within the community. This will minimize environmental impact on the community by reducing construction and ground disturbance.

For this CASF project, we propose to:

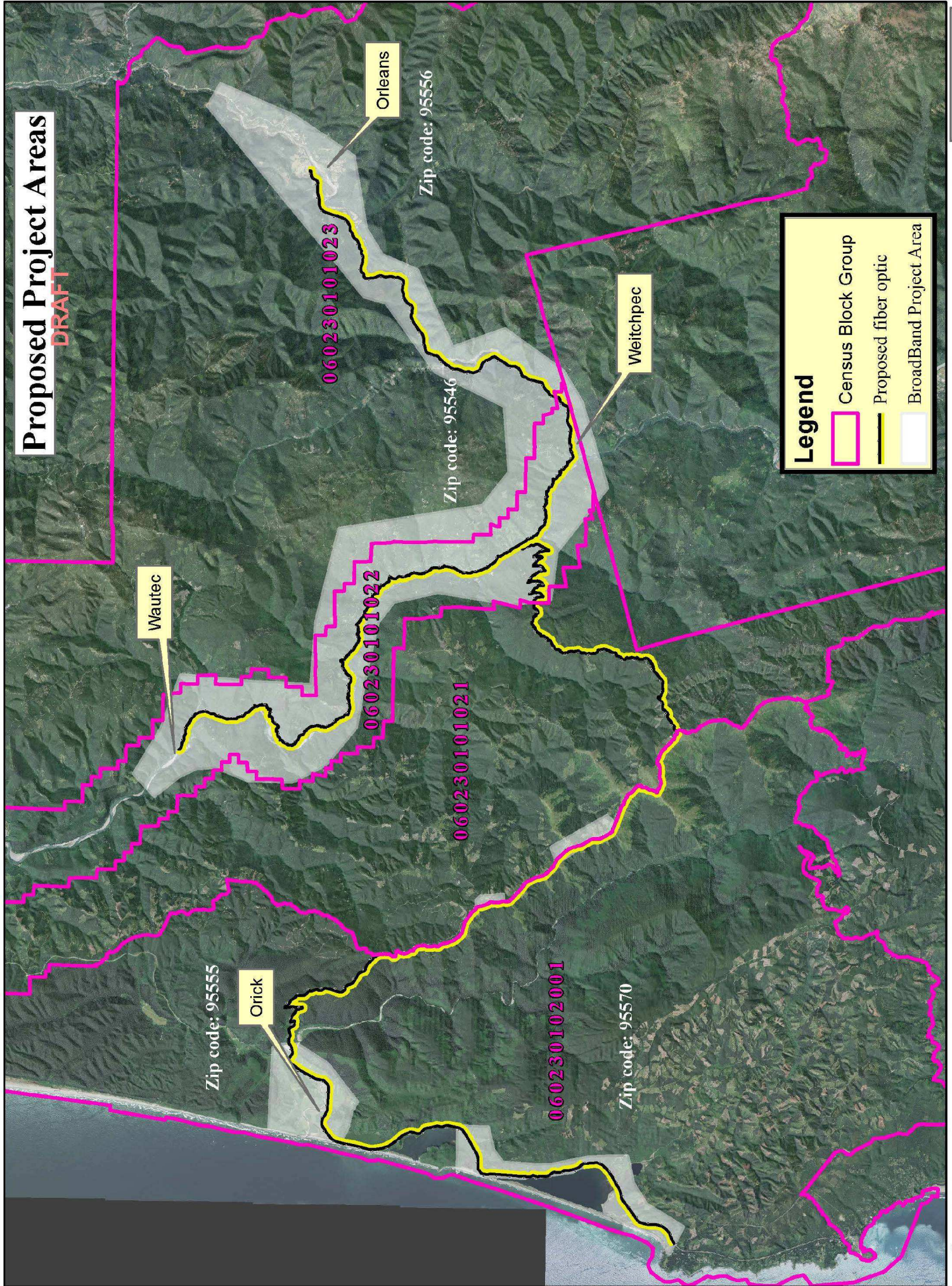
- Run Fiber from Somes Bar down HWY 96 to route 169 to HWY 101 to Patricks Point Road
- Build and equip a new central office for the utility company
- Purchase all the vehicles and tools needed to operate the company
- Build last mile distribution for the tribal and non-tribal communities
- Train technicians from each tribe by job-shadowing the installation of the project, so that the company will have trained technicians as soon as it starts providing services.

If funded, this project will provide high speed internet and broadband services to nearly all residents and businesses within the Yurok and Karuk territories along the proposed route (map provided in the project description section of this proposal) along with the town of Orick . We will continue to use EnerTribe Inc. as the lead for project manager and Native Link Communications for the fiber optic design and installation. Another partner, Cedarlink Technologies is the company that quoted the last mile distribution for the Communities and reservation territories. None of these companies will have any claim on the network once it is built, and everything built with these funds will belong to the tribal consortium. The distribution of Internet to homes and businesses in the communities along Highway 96 and 101 will be through wireless technologies.



# Proposed Project Areas

DRAFT



### Legend

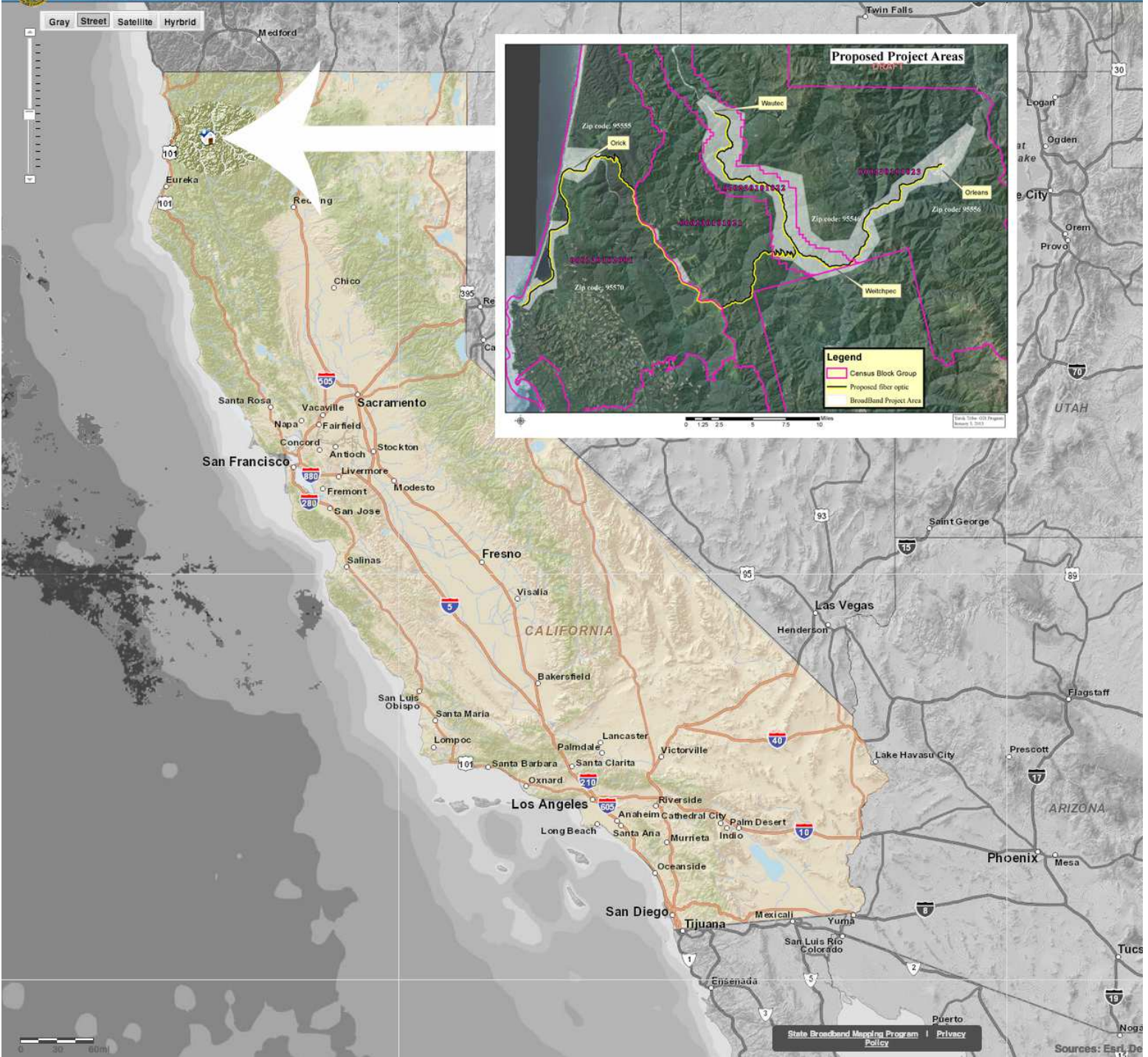
- Census Block Group
- Proposed fiber optic
- BroadBand Project Area







Gray Street Satellite Hybrid







# CASF UNDERSERVED APPLICATION - FEBRUARY 1, 2013

## Karuk Tribe - Klamath River Rural Broadband Initiative

### BROADBAND AVAILABILITY

#### Existing Service

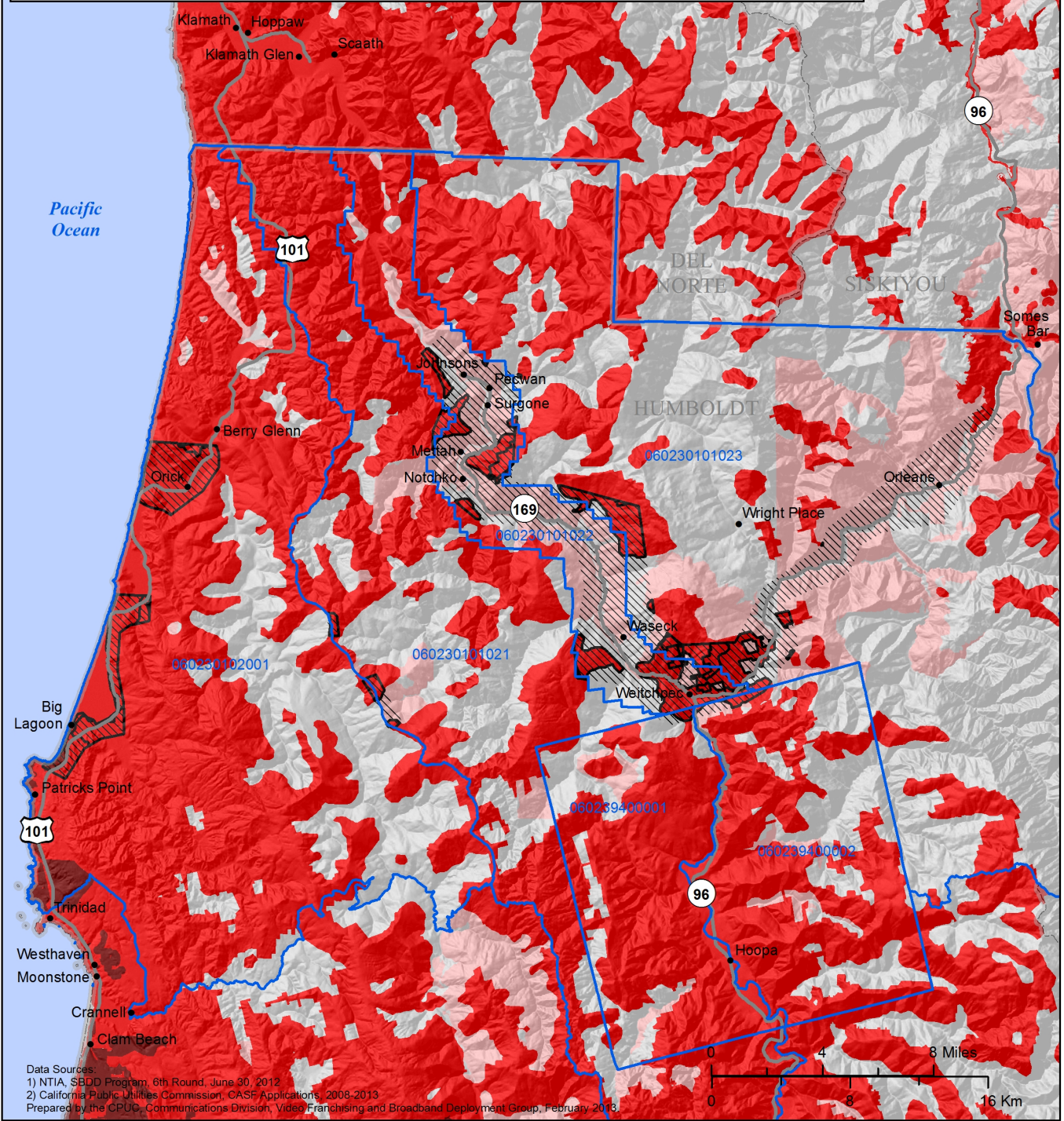
- Served
- Underserved
- Unserved
- Unserved (unpopulated)

#### Previously Approved CASF Projects

- Served
- Underserved
- Unserved
- Unserved (unpopulated)

#### Current Applicant

- Existing Service Area
- Proposed Project
- Affected CBGs



Data Sources:  
 1) NTIA, SBDD Program, 6th Round, June 30, 2012  
 2) California Public Utilities Commission, CASF Applications, 2008-2013  
 Prepared by the CPUC, Communications Division, Video Franchising and Broadband Deployment Group, February 2013.