



# BROADBANDUSA

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<b>Organization:</b>	California Broadband Cooperative, Inc.
<b>Project Name:</b>	Digital 395 Middle Mile
<b>Project Type:</b>	Comprehensive Community Infrastructure
<b>States:</b>	California, Nevada
<b>Federal Award:</b>	\$81,148,788

### ABOUT THE PROJECT

Much of the Eastern Sierras region between Carson City, Nevada and Barstow, California is dependent on decades-old telephone infrastructure and has limited, insufficient broadband middle mile capabilities, leaving wide swaths of the Central Valley and eastern California unserved. The **California Broadband Cooperative's** Digital 395 Middle Mile project proposes to build a new 553-mile, 10 Gbps middle-mile fiber network that would mainly follow U.S. Route 395 between southern and northern California. In addition to 36 municipalities, the project's proposed service area encompasses six Indian reservations and two military bases. More than 230 community anchor institutions would be directly connected at speeds of 10 Mbps, with 2.5 Gbps and higher-capacity fiber-based services offered to the region's last mile providers to expand or enhance service to households and businesses.

Digital 395 Middle Mile also proposes to:

- Connect community anchor institutions, including 35 public safety entities, 47 K-12 schools, 13 libraries, two community colleges, and 2 universities, the Sierra Nevada Aquatic Research Laboratory, the White Mountain Research Station, 15 healthcare facilities, and 104 government offices.
- Spur affordable broadband access for local consumers and businesses, including up to 26,000 households, 2,500 businesses by enabling local Internet service providers to utilize the project's open network.
- Enable access to educational, medical, and commercial applications for isolated populations on six Indian reservations: Big Pine Paiute Tribe of the Owens Valley; Lone Pine Paiute-Shoshone Reservation; Fort Independence Reservation; Benton Paiute Tribe; Bishop Paiute Tribe; and Bridgeport Indian Colony.
- Interconnect and collaborate with BTOP awardees Plumas Sierra Rural Electric Cooperative and Pyramid Lake Paiute Tribe to create a network peering node and establish a true regional network.

### ORGANIZATION'S HISTORY

California Broadband Cooperative, Inc., is a public-private partnership of local and state agencies, organized labor, and for-profit companies. Praxis Associates, one of the key partners, has been designing and constructing fiber networks, as well as providing advanced network services to businesses and Indian reservations in the eastern Sierras, for five years. Another key partner, Inyo Networks, is an existing telecommunications provider with experience in managing and operating networks.

### PROJECT PARTNERS

- California Public Utilities Commission
- California State Office of the CIO
- Caltrans
- Nevada Department of Transportation
- The Counties of Inyo, Mono, and Kern California
- Praxis Associates
- Communications Workers of America
- Inyo Networks

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on [www.ntia.doc.gov/broadbandusa](http://www.ntia.doc.gov/broadbandusa).

For press-related inquiries, contact 202-482-7002 or [press@ntia.doc.gov](mailto:press@ntia.doc.gov). For the general public, contact [BTOP@ntia.doc.gov](mailto:BTOP@ntia.doc.gov).

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