

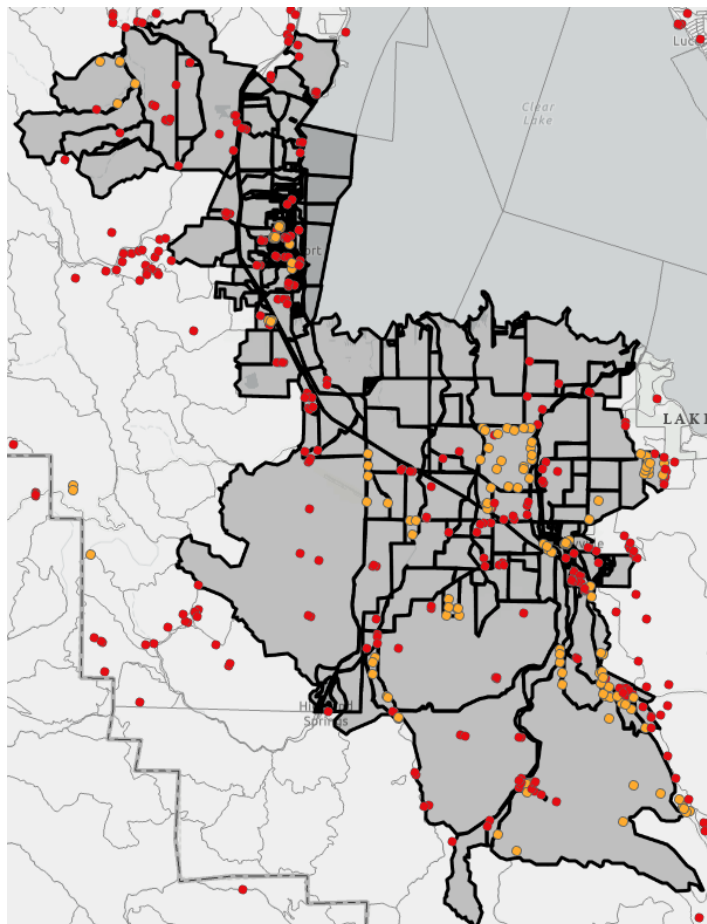
**California Advanced Services Fund
Broadband Infrastructure Grant Account Application**

Project Summary

Applicant	North Coast Networks, LLC
Contact	James Farlow james@northcoastnet.com
Project Title	Southwest Lake County
Location	Kelseyville & Lakeport
Type	Hybrid Last-Mile/Middle Mile
Grant Funds Requested	\$923,800
Number of Priority Unserved & Unserved Serviceable Locations	264
Funds Per Serviceable Location	\$3,499.24

Project Area Map

Kelseyville & Lakeport



Census Blocks

060330001003046	060330009021044	060330010004047
060330003001008	060330010001000	060330010004053
060330003001009	060330010001001	060330010005002
060330003001012	060330010001005	060330010005008
060330003001016	060330010001008	060330010005009
060330003001023	060330010001018	060330010005011
060330003001034	060330010002007	060330010005016
060330003001038	060330010002008	060330010005018
060330003001064	060330010002011	060330010005019
060330003001072	060330010002019	060330010006000
060330003001075	060330010003004	060330010006003
060330003001076	060330010003006	060330010006006
060330004011028	060330010003013	060330010006010
060330004012001	060330010003023	060330010006017
060330004012004	060330010004000	060330010006037
060330004013004	060330010004002	060330010006041
060330004013005	060330010004029	060330011012004
060330004021001	060330010004031	060330011012005
060330004021008	060330010004033	060330011012008
060330004021018	060330010004037	060330011012010
060330004022004	060330010004038	060330011012012
060330004022027	060330010004039	060330011012013
060330004022066	060330010004041	
060330004022096	060330010004043	

The Southwest Lake County project will provide service to 264 priority unserved and unserved locations.

According to the data available through the California Interactive Broadband Map, the maximum speeds currently offered to these areas are less than 10 Mbps downstream and 1 Mbps upstream for priority unserved locations and less than 25 Mbps downstream and 3 Mbps upstream for unserved locations. This project will make speeds available up to 200 Mbps downstream and 25 Mbps upstream.

The median household income of the project area is \$64,887.29.

There are 43 anchor institutions, businesses, or public safety locations within the project area. There are 13 Mobile Home Parks that will receive new or improved service from this project.

There is no major infrastructure proposed with this Project.

There is no aerial cabling or underground cabling.

The major equipment associated with this project is:

- Licensed Microwave Links
- Switches & Routers
- Equipment Cabinet
- Backup Power
- High Capacity Licensed Tarana Access Points
- High Capacity Licensed Tarana End User Devices

Major equipment expenses are \$574,040.00.

Construction will take less than 1 year to complete.

The Southwest Lake County Project is a Last-Mile fixed wireless deployment utilizing existing towers and structures to deliver service to the households in each block. Due to the remoteness of most of the blocks in this project, licensed microwave will be used as Middle-Mile backhaul for bandwidth between an accessible fiber location and the point-to-multipoint Last-Mile site.

Once completed, households in the covered blocks will have access to download speeds of up to 200 Mbps download and upload speeds of up to 25 Mbps.

North Coast Networks, LLC believes this project to be categorically exempt from CEQA requirements based on the existing facilities.

North Coast Networks, LLC is not disputing the Broadband Maps depiction of served status for the blocks in this application.

North Coast Networks, LLC is seeking Ministerial Review of this Project based on: (a) the grant amount requested for this project is less than \$25,000,000, (b) is not expected to be challenged

(c) it is expected to be CEQA exempt, (d) we do not expect to see any competing applications for the project area and the cost is \$4,500 per household or less, (e) a low-income broadband plan of \$15 or less per month will be offered to the serviceable locations, (f) the applicant and project meet the program eligibility requirements.

The Middle-Mile component of this project is dispensable for accessing the Last-Mile infrastructure. This is due to the lack of other Middle-Mile facilities in or near these blocks. This is evidenced by the lack of broadband services in these areas.