

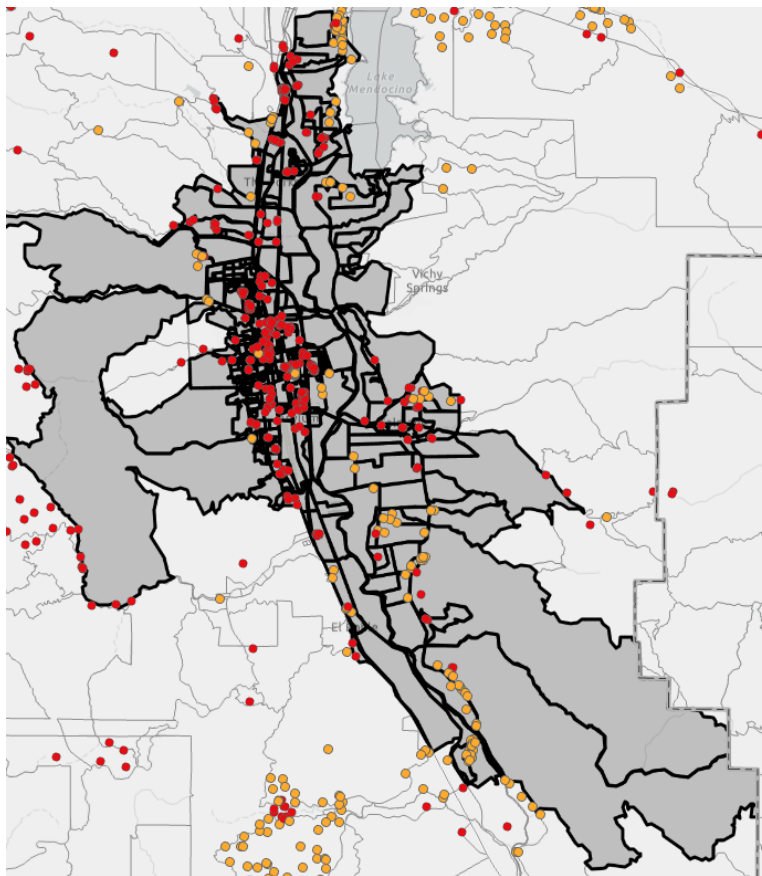
**California Advanced Services Fund
Broadband Infrastructure Grant Account Application**

Project Summary

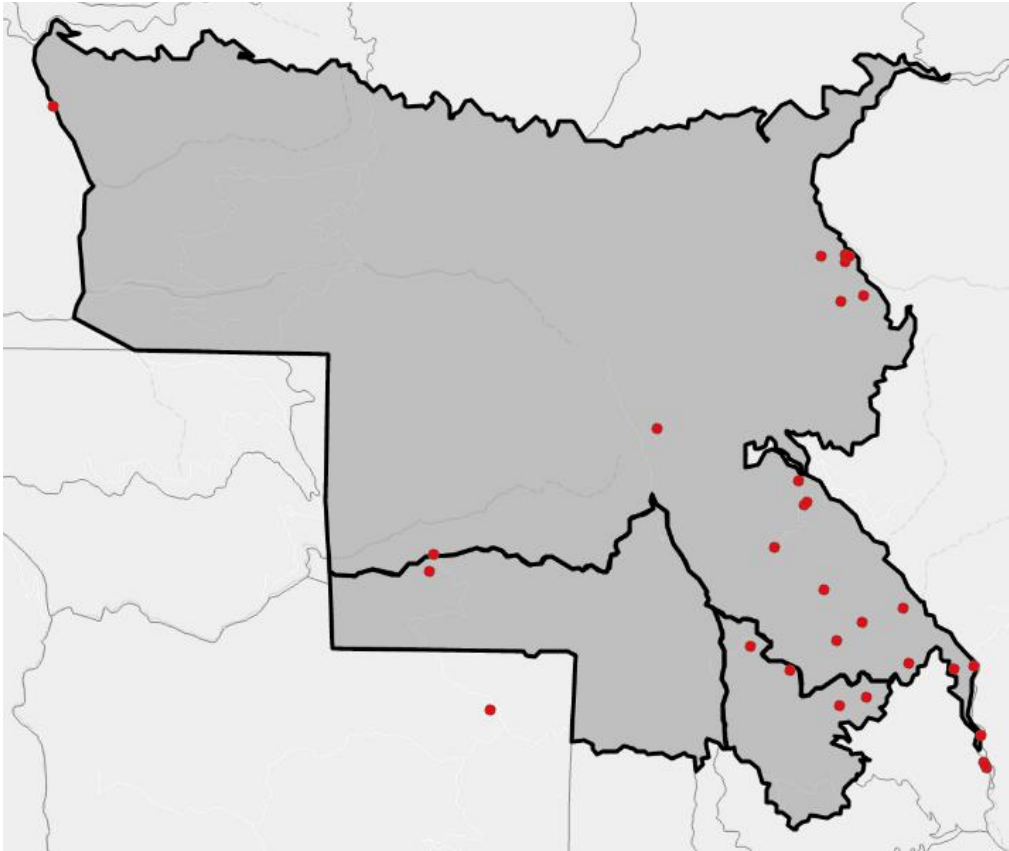
Applicant	North Coast Networks, LLC
Contact	James Farlow james@northcoastnet.com
Project Title	Ukiah Valley Project
Location	Ukiah, CA
Type	Hybrid Last-Mile/Middle Mile
Grant Funds Requested	\$1,389,000
Total Priority Unserved & Unserved Locations	434
Funds Per Serviceable Location	\$3,200.46

Project Area Map

Ukiah Valley



Robinson Creek, West of Ukiah Valley



Census Blocks

060450109001093	060450109004003	060450113001022
060450109002024	060450109004004	060450113002000
060450109003008	060450109004007	060450113002008
060450109003014	060450109004009	060450113002009
060450109003016	060450109004011	060450113002015
060450109003025	060450109004012	060450113003002
060450109003032	060450113001001	060450113003005
060450109003034	060450113001003	060450113003006
060450109003039	060450113001004	060450113003007
060450109003047	060450113001006	060450113003020
060450109003052	060450113001013	060450113003021

060450113003025	060450115021027	060450116003019
060450113003050	060450115021031	060450116004003
060450113004000	060450115021033	060450116004004
060450113004003	060450115021034	060450116004005
060450113004025	060450115022005	060450116004006
060450113004026	060450115022006	060450116004009
060450113004031	060450115023017	060450116004012
060450113004032	060450116001001	060450116004016
060450114001034	060450116001008	060450116004021
060450114002001	060450116001011	060450117001029
060450114002009	060450116001012	060450117001032
060450114003005	060450116001015	060450117001043
060450114005003	060450116001020	060450117001045
060450115011006	060450116001025	060450117001046
060450115011010	060450116001028	060450117001047
060450115011014	060450116001029	060450117001049
060450115011015	060450116001038	060450117002002
060450115012013	060450116001041	060450117002003
060450115013009	060450116002003	060450117002005
060450115013020	060450116002005	060450117002007
060450115013021	060450116002006	060450117003002
060450115021001	060450116002007	060450117003003
060450115021002	060450116002010	060450117003010
060450115021013	060450116002011	060450117004003
060450115021014	060450116003005	060450117004004
060450115021020	060450116003009	060450117004012
060450115021023	060450116003013	060450117004013

060450117004015	060450117005018	060450117005031
060450117004016	060450117005020	060450117005034
060450117005004	060450117005023	060450118001000
060450117005006	060450117005026	
060450117005015	060450117005028	

The Ukiah Valley Project will provide service to 434 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 upstream.

The median household income of the project area is \$64,438.79

There are 79 anchor institutions, businesses, or public safety locations within the project area. There are 10 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
- Back up Power
- High Capacity Licensed Access Points
- High Capacity Licensed End User Devices

Major equipment expenses are \$1,352,520.

Construction will take less than 1 year to complete.

The Ukiah Valley 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.