

WRIGHTWOOD BROADBAND 1 Gbps

PROJECT SUMMARY

Applicant: Ultimate Internet Access, Inc.

Contact Person: Wes Zuber

Project Title: Wrightwood Broadband 1 Gbps Project

Area: Wrightwood, an Unincorporated Community in San Bernardino County

Project type: Last Mile

CASF Funding:

Total Project: \$3,426,367.42

CASF Grant: \$2,055,820.45

Match: \$1,370,546.97

No CASF Loan request.

Description of Project: Ultimate Internet Access, Inc. (UIA) will bring 1Gbps/1Gbps to the homes and businesses of the unincorporated community of Wrightwood. There are 74 small businesses and 2857 homes in the community with 1998 occupied the remaining are seasonal, rental or unoccupied.

Wrightwood is surrounded by the San Bernardino National Forest north, east and south sides and the on the west side by Angeles National Forest. The community is land locked with no room for expansion. It is primarily within San Bernardino County but a small section is in Los Angeles County. UIA will install a Licensed FCC Microwave Backhaul from our existing Middle-Mile in the San Bernardino Valley to Table Mountain, one of the highest peaks above the community and within the Angeles National Forest. From that point we will run Single-mode Fiber utilizing utility poles as our infrastructure matrix that will span throughout the community. We have two anchor organizations that have submitted letters of support: Wrightwood Fire Safe Council and the Snowline Joint Unified School District, plus a support letter from the Inland Empire Broadband Consortium. The anchor institutions that can benefit from our system are the San Bernardino County Wrightwood Fire Station 14, Community Center and County Transportation Yard, Wrightwood Post Office, Wrightwood Elementary School and community churches.

The project will use Single-mode Fiber directly to the home/business (FTTX) to offer services of 1 Gbps/1 Gbps, no cap, unlimited and no installation fee. We will offer VoIP service including

the CASF e911 requirements at a monthly rate of \$25. This 3.20-sq mile, 24 month project will serve the existing 2749 homes/40 businesses with future build out of undeveloped parcels to 3477. We will own and maintain the system including the ONT boxes ‘service modem’ and the VoIP backup battery, so no additional maintenance costs pass to the resident. We will assure the service is working within the home and assist the resident if they have concerns of their own in-home system. Our Customer Service Department is one of our strongest assets and located locally at our administrative facility in Ontario, CA. No part of this project will be outsourced, will consist of American made products and will help to create 15 new UIA jobs.

There are no broadband providers in the area that meet CASF requirements of 6 Mbps/1.5 Mbps, though a wireless provider makes that claim. We had an independent researcher perform speed tests and those tests challenge the claims, plus through the support of the community, they have verified that wireless claims are unsubstantiated and the area is underserved.

Census Block Groups: 060379303012, 060710092011, 060710092012, and 060710092013

Zip Code: 92397/93563/93544

Project Map: Wrightwood 3.20 square miles, bordered on all side by U.S. National Forest

