

**Phelan-Piñon Hills-
Oak Hills
BROADBAND
1 Gbps PROJECT**

ULTIMATE INTERNET ACCESS, INC.

Phelan-Piñon Hills-Oak Hills 1 Gbps

PROJECT SUMMARY

Applicant: Ultimate Internet Access, Inc.

Contact Person: Wes Zuber

Project Title: Phelan-Piñon Hills-Oak Hills Broadband 1Gbps Project

Area: Phelan, Piñon Hills, Oak Hills, West Cajon Valley, unincorporated communities in San Bernardino County, plus sections of Victorville West (recent expansion of the City of Victorville that brought into their influence the previous unincorporated area known as Baldy Mesa) and Hesperia (recent expansion of the City of Hesperia into the section of the unincorporated area known as Oak Hills, note Oak Hills is divided by Interstate 15 with a smaller portion on the east side of the freeway now part of Hesperia).

Project type: Last Mile

CASF Funding request:

Total Project \$ 34,961,993.16:

CASF Grant \$20,977,159.86

UIA Match \$13,984,773.24

Infrastructure cost per household: \$3,237.52

Retail cost per Mbps: \$0.07

Description of Project: Ultimate Internet Access, Inc. (UIA) will bring 1Gbps/1Gbps to the homes and businesses of these communities. There are 171 businesses and 10,799 homes collectively in the project area. The Phelan-Piñon Hills-Oak Hills Project is bordered to the North by South Rd, to the west by the Los Angeles/San Bernardino County line, the south by the San Bernardino and Angeles National Forests and on the east by Coughlin Rd, Hwy 395 in the cities of Hesperia and Victorville and the Southern Pacific Rail Road tracks in Hesperia. It is primarily within San Bernardino County with a small section in Los Angeles County along the county line. UIA will attain the 1gigabit backbone from Verizon and Charter Communication wholesale divisions. Charter and Verizon have pass through fiber lines that do not service any of the communities within the project area. From our Point of Presence facilities (POP's), we will run Single-mode Fiber utilizing utility poles as our infrastructure matrix that will span throughout the communities. The anchor institutions that can benefit from our system are the San Bernardino County Phelan Fire Station 10, Piñon Hills Station 13, Baldy Mesa Station 16 and Hesperia Fire Station 305 (Oak Hills), CalFire Phelan Station, Phelan Piñon Hills Community Services District (administrative office, water system, 2 community centers, 1 senior center and 2 parks), Sheep

Creek Mutual Water District, San Bernardino County Water District Zone-J, Victorville Water District (Baldy Mesa), San Bernardino County Sheriff Phelan Sub-Station, Phelan, and Piñon Hills Post Offices, Excelsior Charter School, Snowline Joint Unified School District, San Bernardino County Phelan Veteran's Memorial Library, San Bernardino County Solid Waste Sheep Creek Transfer Station, Rose O'Leary Community Center (Baldy Mesa) and 17 community churches.

The project will use Single-mode 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 for residential customers. This 122.22-sq mile project will be built out within 24 months. 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/business and assist the subscriber if they have concerns of their own system. Our Customer Service Department is one of our strongest assets and located locally at our administrative facility in Ontario, CA. We will use American made products and will help to create 40 new jobs by our contractor and 5 new UIA employees.

There are no broadband providers in the area that meet CASF requirements of 6 Mbps/1.5 Mbps. We had an independent researcher perform speed tests and survey businesses and residents to verify that the area is under-served. The areas of Phelan and Piñon Hills are part of the IE Consortium Priority Areas approved by the CPUC for the CASF grants.

Census Block Groups: 060379110012, 060710091071, 060710091072, 060710091073, 060700191081, 060710091082, 060710091083, 060710091091, 060710091092, 060710091093, 060710091094, 060710091171, 060710091172, 060710091183, 06071001191, 06071001192, 060710091193, 060710100091, 060710100171, 060710100172, 060710100173 and 060710092021

Zip Code: 92397, 92371, 92372, 92392, 92344 and 93544

Project Map: 122.22 square miles, bordered Los Angeles County (West), San Bernardino National Forest (South), Cities of Hesperia and Victorville (East) and unincorporated community El Mirage (North).

