AT&T Mobility
ALTERNATIVE SITES ANALYSIS
CONDITIONAL USE PERMIT APPLICATION

Site Name: CVL03215 West Hills College Coalinga
Location: 117 Truman Street, Coalinga, CA 93210
APN: 071-134-18

In identifying the most preferred site location and design, AT&T begins its process by identifying a search area and a required centerline height. AT&T then looks to local codes and general plans to identify the values significant to the local community for the siting and locating of wireless facilities.

Search Ring Issued by AT&T

The search ring represents the area within which a facility can be located to produce the desired coverage objective. The centerline height of 66' represents the required height of the antennas to produce the desired coverage objective. (AT&T previously proposed a higher centerline that would've enabled the facility to serve a larger proportion of the City. The currently proposed centerline represents the absolute minimum height at which the tower would be functional.)

After evaluating the County's zoning regulations, the next step is to identify any existing towers within the search ring that could allow for collocation. In this search ring, there is a single existing communication tower.

No Colocation Opportunities in the Vicinity due to Overloading

There is a clear need for this facility and there is no co-locatable tower within the coverage objective target area. The only communications tower within the target area is an existing, approximately 80' tall lattice tower at 100 1st Street owned by CalNeva, a regional internet service provided that provides high speed internet to access to rural communities.

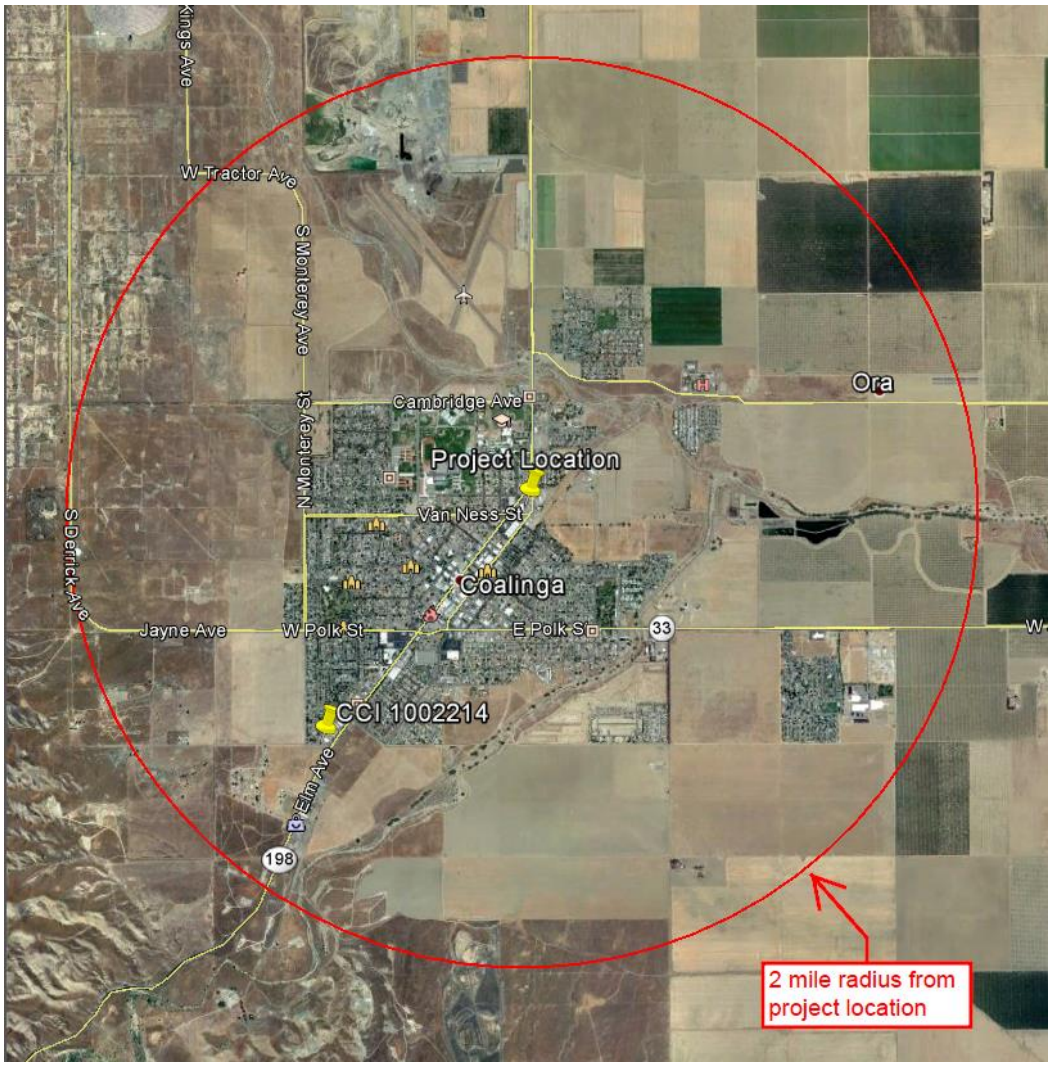
Unfortunately for the purpose of co-location, there are two major issues with the existing tower. First, there is no available space on the tower for AT&T's equipment – existing antennas and microwave dishes occupy each centerline on the tower from 20' on up. Each set of equipment needs vertical space on the tower to prevent interference. AT&T typically approximately 10 ft. of vertical space between antennas. Here, the CalNeva tower does not have enough vertical space for AT&T's equipment, nor does the property have enough ground area to accommodate Verizon's ground equipment. (The ground area is occupied by a number of large communication dishes.)

One option in this sort of situation would be to extend the existing tower by 20 ft., thereby creating additional space for AT&T's antennas and enough space for the necessary clearance other equipment. This brings us to the second issue – the existing tower is incapable of supporting the weight of AT&T's equipment and the extension necessary to accommodate it. The only way to accommodate both AT&T's equipment and the existing equipment on the tower would be to temporarily decommission all of the owner's existing equipment, demolish the existing tower, build a replacement, and reinstall the existing commitment, a process that would take months.

AT&T did reach out to the tower's owner about the possibility of demolishing the existing tower and building a joint pole in its place, but CalNeva did not respond, as they were evidently unwilling to take their equipment offline for the months it would have taken to get the new facility up and running.

Google Earth Image of the Current CalNeva Tower

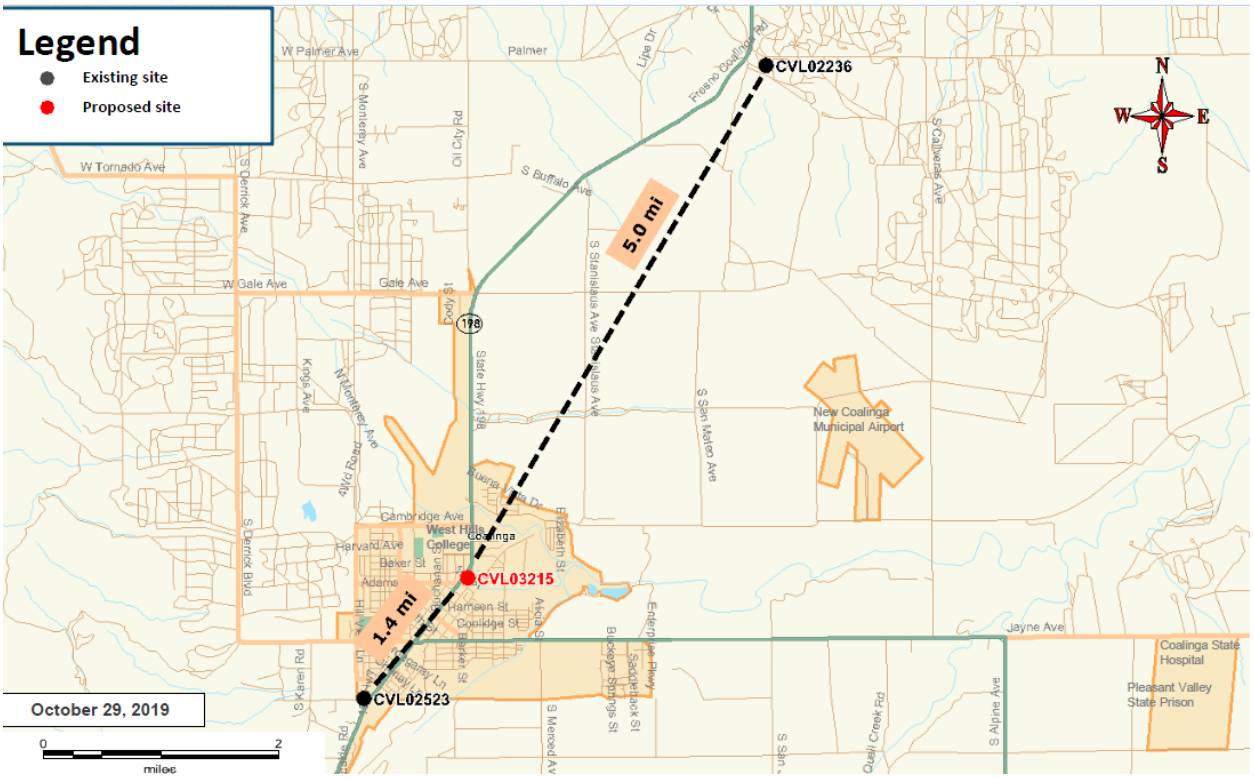
Other Towers within 2 Mile Radius of Project Location



Per the FCC antenna registration, the only communications facility besides the CalNeva owned tower within two miles of the project location is a CCI owned tower 1.4 miles to the southwest. This location will be unable of filling the existing coverage gap, as it is too far away from the objective. (In fact, AT&T already has equipment installed and on air at this location, which is reflected in the coverage maps below.)

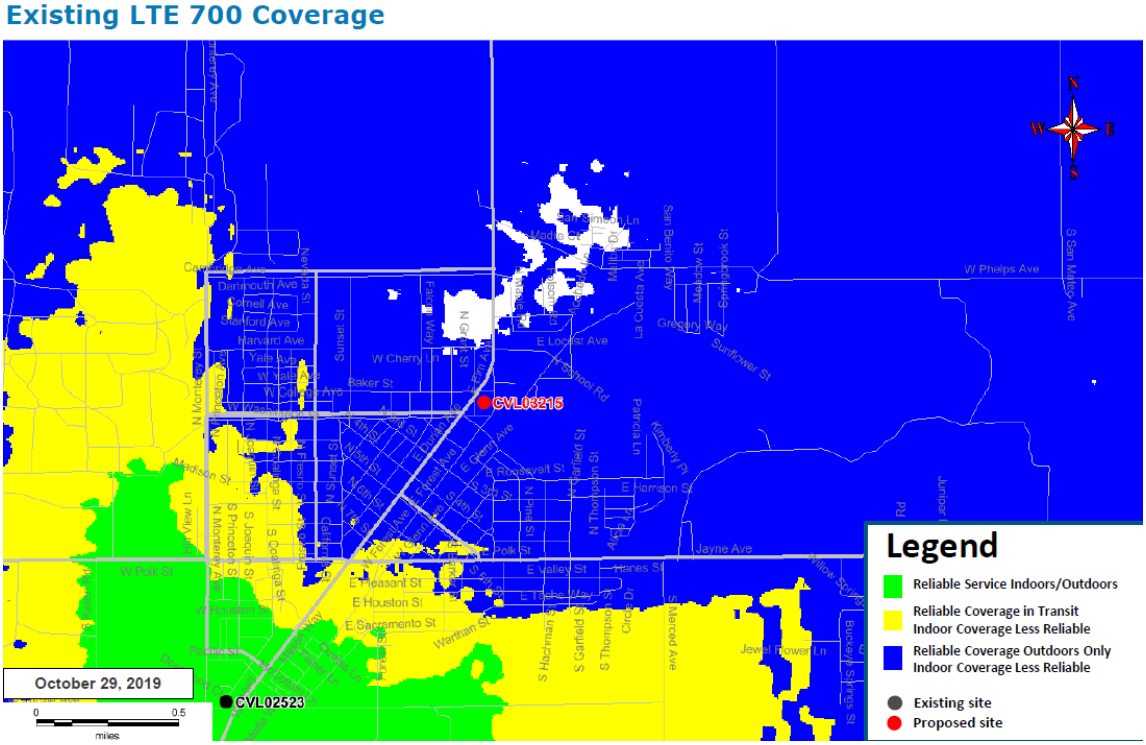
The Proposed Facility location and design represents a thorough and responsible investigation of alternative co-location possibilities. AT&T has concluded that no co-location on an existing facility will be capable of filling the existing gap in coverage.

Existing AT&T Facilities Serving the City of Coalinga



Coverage Maps

Existing Coverage



Proposed Coverage

Proposed LTE 700 Coverage – 117 TRUMAN STREET @ RC = 100 ft