

PROJECT DESCRIPTION

AT&T CELL TOWER

Use Permit: UP 20-80, Initial Study: IS 20-96

Installation of a new AT&T unmanned wireless facility (cell tower). The proposed project consists of installing (1) New 150' (Co-locatable) Lattice tower with (9) panel antennas, (1) microwave antenna and (19) (RRU's) remote radio units installed, and associated equipment mounted on the tower. Install (1) new 8.0' x 8.0' (WIC) walk in closet equipment shelter & backup generator inside a 40'x45' AT&T Lease Area. The 150ft Lattice tower will be built in a none reflective galvanized finish would have the least visual impact on the local area, blend best with the surroundings and provide the best camouflage and concealment for the proposed antennas.

Access would be an existing dirt access road between tower site and State Highway 20 to the south and southwest. The improved access road will be 20 feet in width, of which the majority would occur within the existing access road. The existing road ranges between 8 and 20 feet in width currently.

Installation of 1,421 feet (0.27 miles) of underground power cable line and underground fiber-optic cable between tower site and existing power connection point. Cable will be installed in areas previously disturbed or planned for disturbance during implementation of other components of the project. Disturbance corridor will be six (6) feet wide.

AT&T Wireless is currently improving the existing wireless network in the area of Clearlake Oaks, Lake county. The new proposed Lattice tower and installation of AT&T's telecommunication equipment will improve wireless and broadband internet coverage for the local area and provide First Net capability. The First Net program also known as First Responders Network <https://www.firstnet.gov/> is the country's first nationwide public safety communications platform dedicated to first responders. Being built with AT&T, in public-private partnership with the First Responder Network Authority AT&T seeks to engage and work with federal, state and local governmental agencies as part of FirstNet buildout to enhance coverage

for first responders. Additionally, the improved network will provide an extremely valuable service to those who live, travel, and do business from home in the local area. It will give people the ability to call for emergency services in the event of an accident, the ability to communicate with employees or clients outside of the office, and the ability to communicate with family members when needed. The project engineer has indicated that the proposed location will provide the necessary coverage and capacity with the ability to hand off the wireless signal to the next telecommunications site. This will enable travelers and community members to have reliable and continuous wireless coverage.

- Operation of the project will occur 12 months a year, 7 days a week, 24 hours a day consistent with the continuous schedule of normal telephone company operations.
- The facility is "unmanned" and will be visited on an "as needed" basis only. No more than two technicians will attend the facility. Their schedule will be on a 24-hour basis. No more than two service vehicles, being either a van or a small pickup truck will visit the facility.
- The equipment located within AT&T's lease area will be used for telephone operations.
- There will be no supplies or materials stored on the site.
- There will be no noise, glare, dust or odors associated with the facility.
- The proposed on site 190 gallon diesel backup generator will ONLY run in the event of an emergency and for maintenance purposes approx. (1) time per month for approx. (20) to (30) mins. In the event of power outage, the generator has the capacity to power the site for up to (3) days before refueling is required.

Storage areas for contractor equipment and materials will be determined prior to project construction activities. The project proponent, with the assistance of a biologist, will review the local project area and locate staging areas that are in previously disturbed areas that will not have potential to affect wildlife habitat or species.

The estimated time period for construction is 90 working days for the entire project.