

- Applications for WCFs taller than 20 feet above the surrounding tree height would require a detailed explanation of why a shorter installation is not feasible.
- The tops of antennas and equipment installed in building-mounted WCFs would not project above the top of the existing structure, excluding existing attachments such as other antennas.
- Ground-mounted WCFs would be mounted on footings or other devices that minimize the addition of impervious areas (e.g., concrete pads).

Minimizing Other Visual Impacts

- A WCF would include only the minimum amount of equipment needed for its operation, and the design plan would indicate how future proponents could be accommodated.
- New utility services for outdoor WCFs will be installed underground or placed in at-grade conduits unless this would disturb previously undisturbed areas or cause other unacceptable resource impacts.
- All ground-mounted towers must be self-supporting monopoles, lattice, or truss structures. The base diameter of any monopole will be the minimum required for the maximum height of the tower. Guyed towers or additional sections to increase the height of monopole towers would not be allowed.
- WCFs would be constructed in a manner that is compatible with the character of surrounding structures or otherwise made unobtrusive through use of the best available technologies (e.g., stealth technology, slimline poles, enclosed antenna, and micro-cells), screening with vegetation or existing topography, concealment, and/or camouflage. However, use of stealth facilities or other best available technologies must not diminish the physical or visual integrity of cultural resources. Locations where protective fencing would be required should be avoided, but if necessary, the proponent would work with park staff to determine the type and color. Rooftop installations would not be visible from the ground. Screening may include painting to match the existing structure or locating the WCFs within attics, towers, and behind and below parapets. Finishes or colors that would be shiny or reflective in sunlight would not be allowed. Proposed projects would include the removal of any existing visual obstructions and clutter on the rooftop or roofline that the park does not wish to retain.
- Trees and other vegetation adjacent to the footprint of the proposed WCF must be protected from damage. Topographic cuts and fills for WCFs must be minimized and justified. Park staff would identify appropriate mitigations for approved cuts or fills.
- Towers, buildings, and equipment would remain unlit unless light is needed for maintenance operations. Full cut-off fixtures would be used to minimize degradation of the night sky. Security or safety lighting for on-ground facilities and equipment would be down-shielded to keep light within the site boundaries.
- Support components (i.e., equipment rooms, utilities, and equipment enclosures) for WCFs must be placed in free-standing cabinets, inside buildings, or within existing rooftop, basement, or free-standing mechanical rooms. These facilities must be fireproof and impervious to theft, vandalism, and wildlife.
- No company logos or advertising would be displayed on WCFs.

Environmental Impacts

- The construction and operation of a WCF would not be permitted to increase sediment loading to any creek, stream, or river. Appropriate storm water management practices would be implemented to manage run-off and avoid creating attractions for birds.
- To minimize bird perching and nesting, external ladders and platforms on tubular towers would be avoided and tubular supports with pointed tops would be used when possible rather than lattice supports.