



Prince George's County
Department of Permitting, Inspections and Enforcement
TELECOMMUNICATIONS TRANSMISSION FACILITY
COORDINATING COMMITTEE (TTFCC)
Application for Wireless Communications Site Coordination

9400 Peppercorn Place, 1st Floor
Largo, Maryland 20774
(301) 636-2050 ♦ FAX: (301) 883-3851



APPLICATION FOR A NEW TOWER OR MONOPOLE

READ ALL FILING REQUIREMENTS EFFECTIVE JULY 1, 2010 PRIOR TO FILING APPLICATION

See TTFCC *Application Instructions and Review Process* for instructions and requirements. This document may be found at <https://md-princegeorgescounty.civicplus.com/DocumentCenter/View/15406/Application-Instructions-and-Review-Process-PDF>.

In completing the application, please answer every item and provide only required attachments, nothing else. Failure to fully comply with these instructions will result in the rejection of the application. The application will not be processed until a complete application is provided.

REQUIRED ATTACHMENTS

1. Application fee: \$2,500 for each application made payable to "Prince George's County."
2. Detailed site information: A printout of the aerial imagery and property information from the M-NCPPC's www.pgatlas.com Website showing the property where the structure is to be physically located. (*See instructions noted above.*)
3. A legible vicinity map showing the property and surrounding major roadways.
4. Attach an 110 x 170 size design and site plans that show an elevation drawing and an overhead view of the structure on the property and detailed drawings of the equipment area and structure. Drawings should include the location of proposed buildings, equipment cabinets, shelters, distances from the structure to property lines, as well as to the nearest off-site dwelling (clearly identify existing versus proposed facilities). Show the zone for all adjacent properties.
5. Provide radio frequency (RF) contour maps of the service area illustrating, in color, current coverage with existing sites, with and without the proposed antennas and with antennas at an elevation of 20 feet and 40 feet lower than proposed. Include maps illustrating the calculated coverage from the site alone and with antennas at those three elevations. Illustrate signal levels in colors representing the target signal level and at least plus and minus 5 dB. Include a legend indicating colors and corresponding signal levels. Specify the target levels for the site. Identify the antenna elevations upon which the model is based. Maps must be legible and provide sufficient detail to show at least the primary roads and major highways.
6. Provide a listing, by name and address, of alternative existing structures within a one-mile radius from the proposed site that were considered in lieu of the new support structure, along with a detailed explanation as to why these structures could not be used to accommodate the antennas. If the alternative structures were ruled out for RF or other engineering reasons, explain the reason and include supporting RF maps in the same format described above, which demonstrate why the alternatives could not be used. If there were non-RF reasons why those alternatives would not work, provide an explanation as to why they could not be used.
7. State if drive tests, balloon tests, or other similar methods of analysis were used in selecting this site or rejecting an alternative site. Attach a copy of the RF contour map illustrating the drive test measurements, or for balloon tests, attach copies of the photos showing the balloon and photo simulations of the structure proposed, along with a map showing from where each photo was taken and the approximate distance from the proposed structure.
8. State what considerations were given to screen the site and minimize the visual impact of the proposed structure, including any disguise options such as a flag/tree/light pole design, low-profile antenna attachment consideration, concealed/painted antennas, or other such designs and, if not used, why they were not used.
9. Photographs taken within 90 days of filing showing views from the proposed structure location facing north, south, east, west, and one of the area where the structure is proposed to be constructed.
10. Documentation of delivery of community notice as explained in Attachment D of the application instructions.
11. Copies of manufacturer's specifications (cut sheets) for each antenna listed.
12. Structural engineering certification statement (*see page 2 of the application*).



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9400 Peppercorn Place, 1st Floor
 Largo, Maryland 20774
 (301) 883-3840 ♦ FAX: (301) 883-3875

TTFCC
 c/o Department of Permitting, Inspections and Enforcement
 Prince George's County Government
 9400 Peppercorn Place, Suite 123
 Largo, Maryland 20774

| | |
|----------------------------|-------------------|
| FOR COUNTY USE ONLY | |
| Case No.: | _____ |
| Tax ID #: | _____ Date: _____ |

Re: Application for a New Tower or Monopole

Applicant Information

Carrier Name: _____
 Carrier Site Name: _____
 Property Address (from PGAtlas): _____
 City, State, ZIP Code: _____
 Land Owner Name: _____
 Tax Identification Number (from PGAtlas): _____

Support Structure Information

Structure Type: Monopole Tower Other (Describe): _____
 Latitude/Longitude (Decimal Degrees from PGAtlas): Latitude: _____ Longitude: _____
 Site Ground Level Elevation (AMSL in feet): _____
 Height of Structure (in feet): _____
 Name of Owner of the Supporting Structure: _____
 Contact Name: _____ E-mail: _____
 Work Telephone: _____ Cell Telephone: _____ FAX Number: _____
 Complete Street Address: _____
 City, State, ZIP Code: _____

Application Summary

In the space provided, write a brief description of the proposed installation including a technical description of the need for the facility, the area to be served, and the coverage objective (continue on next page):

Application Summary *(continued)*

Antenna Information

Type and Quantity of Antennas: Omni Panel Dish Other (*Describe*): _____

List for Each Type of Antenna

Manufacturer: _____ Model Number(s): _____

Frequencies to Be Used: Tx: _____ Rx: _____

Antenna Size: H _____ 0 W _____ 0 D _____ 0

Maximum Effective Radiated Power (ERP): _____ Watts

Elevation of Antenna (RAD AGL): _____

Manufacturer: _____ Model Number(s): _____

Frequencies to Be Used: Tx: _____ Rx: _____

Antenna Size: H _____ 0 W _____ 0 D _____ 0

Maximum Effective Radiated Power (ERP): _____ Watts

Elevation of Antenna (RAD AGL): _____

FCC and FAA Rules & Regulations

Will the antenna installation be in compliance with the maximum permissible RF exposure limits set forth in Sec. 1.1310 of the *FCC Rules and Regulations*? Yes No If "No," please attach an explanation.

Type of compliance study required under Sec. 1.1307 of the *FCC Rules and Regulations*:

- Categorically Excluded
- Routine Environmental Evaluation
- Environmental Assessment

Has an application for an FAA review been submitted? Yes No If "Yes," and an FAA determination for the site has been issued, please attach a copy.

ENGINEERING CERTIFICATION

I hereby certify that:

1. All the radio-frequency (RF) information and the statements submitted in this application and any and all subsequent RF submissions or amendments to the application are true, complete and accurate to the best of my knowledge and belief and are made in good faith.
2. The RF engineering has been performed to the best industry and engineering standards.
3. The geographical terrain data in determining the expected radio coverage is that provided by the U.S. Geological Survey, and is based on three (3) second or better terrain data.
4. No alteration or modification of data has been performed in the preparation of the coverage maps, unless stated in the application package (*i.e.*, adjust for obstructions unique to the area, foliage loss, etc.)
5. The individual signing below is authorized to act on behalf of the Applicant regarding this certification.

Name: _____ Title: _____

Signature: _____ Date: _____

Applicant Name: _____

Every application for a new tower, monopole or other type of support structure must have a statement certified by a professional engineer registered in the state of Maryland affirming that the structure meets the most recent TIA/EIA structural standards (presently revision G) to support the proposed antenna(s), cabling and equipment to be attached.

Facility Location Plan

Section 5A-155, Prince George's County Code requires applicants to submit a facility location plan indicating the location of every existing telecommunications transmission facility and the general location of facilities that are anticipated to be built in the near future. Has a new or updated plan been filed with the County within the last year?

Yes No If "No," please submit a plan with this application.

APPLICANT CERTIFICATION

Applicant Name: _____ Title: _____

Home Telephone: _____ Cell Telephone: _____

FAX: _____ E-mail: _____

Company Name: _____

Complete Street Address: _____

City, State, ZIP Code: _____

Representing (*Carrier Name*): _____

Contact Name: _____

Complete Street Address: _____

City, State, ZIP Code: _____

Company Telephone: _____ Company FAX: _____ E-mail: _____

I hereby certify that the information and the statements submitted in this application and package are true, complete and accurate to the best of my knowledge and belief, and are made in good faith, and that the individual signing below has authority to act on behalf of the Applicant.

Applicant Signature

Date

Incomplete or incorrect applications will not be accepted for review. Applicants resubmitting modified or revised applications must follow the same process used for filing the initial TTFCC application as outlined below. Resubmitted applications are subject to a Resubmission Fee of a minimum of \$250 for each application.

The County reserves the right to require that the Applicant provide additional information as the County may reasonably request. The Applicant agrees to cooperate with the County in supplying such additional information as requested.

Filing Instructions: Complete the form, sign the applicant and engineer's certifications, attach a check for the amount of \$2,500 per site made payable to "Prince George's County." Applications submitted without the fee will not be processed. Submit an original with original signatures and two copies to the County, and submit one copy to the Facility Coordinator.

Prince George's County
Department of Permitting, Inspections and Enforcement
Permits Office
9400 Peppercorn Place, Suite 123
Largo, MD 20774

TTFCC Facility Coordinator
Columbia Telecommunications Corporation
10613 Concord Street
Kensington, MD 20895