



MONTGOMERY COUNTY, MARYLAND
APPLICATION FOR WIRELESS COMMUNICATIONS
SITE COORDINATION

DATE: _____ NUMBER: _____
(To be filled in by County)

Applicant Name: ***Provide the name of company submitting application.***

If being submitted on behalf of a carrier, provide the carrier's name and attach a letter of intent from the carrier with supporting documentation specified below.

Address: ***Provide the address of applicant.***

Contact Person and Phone Number: ***Include voice and fax telephone number and e-mail address for a person who can answer questions about the information provided on the application, or who can provide any missing or additional information needed for the TFCG to complete its review.***

Provide a description of the proposed installation, including the type and height of the structure (i.e. monopole, rooftop, water tank, guyed tower, self-support tower, etc.) and whether it is existing, modified, or new. Describe any modifications that will be made to existing structure.

In addition, if a structural analysis has been performed, attach a copy.

Address/City: ***Include a specific address for the building, tower, or other structure to which antennas are proposed to be attached.***

If there is no address, provide the closest known address or the address used by the TFCG if for a location from the TFCG database.

Site Name: ***Carrier's site name and the TFCG site name, if known.***

If attaching to an existing named building or place, include that name.

Zoning: ***Indicate the current specific zone of the property.***

For a new tower or monopole include the zone of adjacent properties.

Site Owner/Landlord: ***Indicate the name of the landowner.***

Structure Owner: ***Indicate who is, or will be, the owner of the tower, monopole, or building.***

Latitude/Longitude (NAD27 Degrees/Minutes/Seconds):

Ground Elevation AMSL in Feet: ***Note the elevation above mean sea level.***

Antenna Height AGL in Feet: ***Note the elevation above ground level at which the antennas will be attached.***

If multiple elevations are involved, specify each one.

Frequency Bands to Be Used: ***Note the transmission frequencies to be used by the carrier.***

Maximum Effective Radiation Power (EFP): ***Note the power rating for transmission emission.***

Federal Communications Commission (FCC) Emission Designator: ***Provide the appropriate emission characteristic symbols found on the carrier's FCC authorization.***

FCC Antenna Structure Registration Number: ***This can be found on the FCC's ASR database (<http://wireless.fcc.gov/antenna/index.htm?job=home>).***

Description of antenna(s), including physical size, patterns, gain and orientation (include copy of spec sheet or drawings):

Please include:

- 1) the number (count) of antennas to be deployed and***
- 2) the description of the array configuration.***

If different antennas are to be used, please state the information for each different type of configuration.

Describe area to be served by the proposed installation. Attach a map of the general area showing the location of the site. Upon request, attach RF propagation studies showing service area coverage surrounding the proposed site with and without the proposed site.

Explain the coverage objective and how this site meets the objective.

For a new monopole or tower structure, supporting documentation must include but is not limited to the following:

- ***Provide a copy of the RF propagation contour maps showing the site with and without the site with calculated signal levels in color at the target signal level and plus and minus 5dB. Include a legend that shows what signal level each color represents. Include maps showing coverage at the proposed antenna elevation and at 20 and 40 feet below the proposed elevation. The maps must be legible and in sufficient detail to show neighborhood streets around the proposed site and adjacent sites.***

- ***If any drive tests were performed, provide copies of the data with the application and make note that they are attached.***

- ***Provide a photographic simulation of the structure and equipment from at least two different directions and approximately one mile away. Please provide copies of the photographs with balloon and the resultant simulation.***

- ***Identify the number of additional carriers the facility is capable of accommodating.***

Will antennas be installed on an existing structure? Yes ☐ No ☐

If not, describe results of investigation about possible co-location. Include a listing of alternative sites considered and an explanation as to why each possible alternative was not selected. If a site was ruled out because of radio frequency (RF) issues, provide RF propagation maps documenting inadequate coverage:

Attach a list of alternative existing structures within a one mile radius that were considered with an explanation of why those locations could not be used in lieu of a new monopole.

If a structure site was ruled out for RF reasons, provide a supporting RF contour map.

If ruled out for other reasons, please explain

Justification of why this site was selected:

Will site be used to support government telecommunications facilities or other equipment for government use? **(Is it intended that there will be public service facilities also sited on the proposed tower or monopole?)**

Yes ☐ No ☐

If yes, describe:

Attach a site plan of the proposed facility showing location of monopole, tower, or structure on the property, location of existing and proposed equipment buildings or cabinets, and distance of any new structures or buildings from property lines and other buildings or residences within 300 feet. Clearly identify existing versus proposed facilities by carrier. Also provide an elevation sketch of the structure showing major dimensions, existing attachments, and mounting height of proposed antennas. If a balloon test has been performed, please provide copies of the photographs.

For the elevation profile, please indicate:

- **The height of the structure**
- **The elevation of the proposed and existing antennas**
 - **Include carrier names and antenna types, such as satellite, whip, panel array, etc.**
- **Existing and proposed equipment**
 - **I.e., sheds, cabinets, ice bridge, cabling, etc.**

If the site is on an existing building, please indicate on the site plan and the elevation sketch the location of other carrier's existing facilities, antennas, and equipment.

The site plan should be legible and show the distances from all property lines and the nearest dwelling.

The plan should show the present layout of existing equipment and/or equipment shelters.

The elevation drawing of the structure should identify all existing antennas and owner/operators on the structure.

Include a vicinity map, preferably at a 1" to 2000' scale, identifying location of the siting and a general description of the area, roadways, or direction to be served.

Will the antenna installation be in compliance with the maximum permissible RF exposure limits set forth in §1.1310 of the FCC Rules and Regulations? Yes ☐ No ☐

If the answer is no, please attach an explanation.

Type of compliance study required under §1.1307 of the FCC Rules and Regulations:

- | | |
|----------------------------------|--------------------------|
| Categorically Excluded | <input type="checkbox"/> |
| Routine Environmental Evaluation | <input type="checkbox"/> |
| Environmental Assessment | <input type="checkbox"/> |

If antennas will be located on a rooftop, please attach a description of any steps that have been or will be taken to prevent the aggregate RF from exceeding exposure limits.

Include information regarding signage, training for workers accessing antenna areas, and precautions against hazards.

Montgomery County Code, Chapter 2-58E 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 the answer is no, please submit a plan with this application.

Requirements for the plan can be found in Executive Regulation 21-02. If the proposed site is not on the carriers latest plan update, a new, revised plan and map must accompany the applications.

If an application for an FAA review has been submitted or an FAA determination has been issued, please attach a copy.

Application fees have been paid to Montgomery County Government on _____.

Enter the date the fees were submitted to the Office of Cable and Communication Services.

Make check payable to Montgomery County, MD and *submit payment to:*

Office of Cable and Communication Services
Department of Technology Services
Attn: Marjorie Williams
100 Maryland Avenue, Room 250 Rockville,
Maryland 20850

Submit this application to:
Columbia Telecommunications Corporation
c/o Montgomery County Tower Coordinator
10613 Concord Street
Kensington, MD 20895
301-933-1488