

	Field Name	Description	Needed for:				Section Under
			New	Replacement	Minor Modifications	Colocations	
	*An asterisk implies the field is required						
1	* Applicant Name:	The entity representing the carrier; typically, the site acquisition firm.	x	x	x	x	Contact Information
2	* Applicant Address:	The address of the entity representing the carrier; typically, the site acquisition firm.	x	x	x	x	
3	* Contact Person Name:	Applicant's representative responsible for application.	x	x	x	x	
4	* Contact Person Phone:	Applicant's contact phone number.	x	x	x	x	
5	* Contact Person Email:	Applicant's contact email.	x	x	x	x	
6	*Will the antenna be installed on an existing site?			x		x	
7	Search by Property Address:	Find the site address from the drop down. Note that this is the address kept in the database of the TFCG. If you cannot find the matching site, please contact tower@ctcnet.us for assistance.	x	x	x	x	Site Information
8	Search by Site Name:	Find the site name from the drop down. Note that this is the site name kept in the database of the TFCG. If you cannot find the matching site, please contact tower@ctcnet.us for assistance.	x	x	x	x	
9	*Carrier Name	Name of the wireless service provider (WSP) related to this application.	x	x	x	x	
10	*Carrier Site Name	Identifier of the site that the WSP uses - Common Name or ID.	x	x	x	x	
11	*Lease Status	Status of the lease agreement permitting the carrier to operate at the site.	x	x	x	x	
12	*PROW	Is the site located within the public right-of-way?	x	x	x	x	
13	*Provide the Right-of-Way (ROW) width	The ROW width is measured at the centerline of the structure.	x	x	x	x	
14	*Please list whose ROW the structure is located on. *Attach ROW Information	Documents or Maps verifying whose ROW the structure is located on (i.e., municipality, state, County, etc.)	x	x	x	x	
15	County Site Name (new site)	Enter suggested natural language name for new site-to be reviewed and edited by County.	x	x			
16	County Site Name (dropdown)	Select County Site Name from list			x	x	
17	*Solution Type:	Select solution type.	x	x	x	x	
18	*Does this qualify as a 6409 application?	Select whether the application should be treated as a 6409 under FCC ruling.			x	x	
19	For towers outside the public ROW, will proposed installation cause an increase height (i.) more than 10% or (ii.) the height of one additional antenna array with separation from the nearest existing antenna not to exceed 20 feet, (whichever is greater)?	Yes No N/A			x	x	
20	For towers outside the public ROW, will the proposed installation increase the width by adding an appurtenance to the body of the tower that would protrude from the edge of the tower (i.) more than 20 feet, or (ii.) more than the width of the tower structure at the level of the appurtenance (whichever is greater)?	Yes No N/A			x	x	General Information
21	Will the proposed installation increase the height of the structure by: (i.) more than 10% or (ii.) more than 10 feet, whichever is greater?	Yes No N/A			x	x	
22	Will the proposed installation increase the width by adding appurtenance to the body of the structure that would protrude from the edge of the structure by more than 6 feet?	Yes No N/A			x	x	
23	Will the proposed installation require more the standard number of new equipment cabinets for the technology involved, but not to exceed four cabinets?	Yes or No			x	x	
24	Will the proposed installation require excavation or expansion outside the current boundaries of the site?	Yes or No			x	x	
25	*Does the structure or current installation have concealment elements/measures?	Yes or No	x	x	x	x	

26	*If yes, describe how the proposed installation does not defeat the existing concealment.		x	x	x	x
27	*Is this installation a Small Wireless Facility?	Yes or No Per the definition of Small Wireless Facility found in "In the Matter of Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment, Declaratory Ruling and Third Report and Order".	x	x	x	x
28	Is the structure on Tribal lands?	Yes or No	x	x	x	x
29	*Site Address:	As recorded in MCAAtlas.	x	x	x	x
30	*Site City:	As recorded in MCAAtlas.	x	x	x	x
31	* Site Owner/Landlord:	As recorded in MCAAtlas.	x	x	x	x
32	* Structure Owner:		x	x	x	x
33	* Latitude:	In degree decimal (xx.xxxxxxx)	x	x	x	x
34	* Longitude:	In degree decimal (xx.xxxxxxx)	x	x	x	x
35	*Zoning:	As recorded in MCAAtlas	x	x	x	x
36	* Ground Elevation AMSL in feet:		x	x	x	x
37	*Justification of why this site was selected:	Describe purpose of the site, and if applicable, why isn't this being colocated.	x	x	x	x
38	*Nearby Sites	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 structure(s) 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.	x	x		
39	*Screening considerations	State what considerations were given to screening the site and minimizing 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.	x	x		x
40	*Will site be used to support government telecommunications facilities or other equipment for government use?		x	x	x	x
41	If yes, describe:		x	x	x	x
42	Provide the distance to the nearest premises - residential (in feet)	Measured from the structure to the nearest premises in a residential zone.	x	x		x
43	Provide the distance to the nearest premises - commercial (in feet)	Measured from the structure to the nearest premises in a commercial zone.	x	x		x
44	If a replacement structure, will the new structure be within 2 feet of the original structure?	Yes or No		x		
45	Is the structure 10% taller than adjacent structures?	Yes or No	x	x		
46	Please list adjacent structure heights	Height must be listed in feet and separated by commas.	x	x		
47	*Structure Type:	Select the applicable structure type.	x	x	x	x
48	Provide the pole number	This is the pole number of the owner of the structure.	x	x	x	x
49	*Existing Structure Height:	Enter the Above Ground Level(AGL) in feet. This is the height of the structure prior to any proposed wireless attachment or replacement.	x	x	x	x
50	Provide the proposed height of the replacement structure without any antenna	If the structure is to be replaced, this is the height without any antenna.	x	x		
51	Provide the overall height of the structure with antenna	If the structure is to be replaced, this is the height with the antenna. Otherwise it's the measured height of existing structure plus any antenna.	x	x		
52	*Existing:	Select status of support structure.	x	x	x	x
53	Does the structure require an antenna structure registration under FCC Title 47 part 17?	Yes or No	x	x	x	x
54	*Insert general description of work to be performed to match all supporting documents submitted.		x	x	x	x
55	Attach Structural Analysis:	If a structural analysis has been performed, attach here.				

Site Location

Installation Type

56	* Antenna Height AGL in feet:	Enter center point or rad center of the antenna.	x	x	x	x
57	*Antenna Model :		x	x	x	x
58	* Frequency bands to be used:	Must be entered in MHz. The beginning/start to ending/stop of the operating frequencies. Note: this is less than the capable frequencies listed on the antenna cut sheet.	x	x	x	x
59	* Maximum Effective Radiation (ERP)	Must be in Watts ERP not EIRP	x	x	x	x
60	*Antenna Dimensions	Must match what is on the Specification Sheet provided.	x	x	x	x
61	*Antenna Volume	Volume must be listed in cubic feet (feet/decimal) to the nearest 10th.	x	x	x	x
62	* 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?		x	x	x	x
63	If the answer is no, please attach an explanation.	Note: this could be a certification letter from the responsible RF Engineer for operation at the site	x	x	x	x
64	*Type of compliance study required under 1.1307 of the FCC Rules and Regulations:	Cannot select categorically excluded if it exceeds the FCC limits	x	x	x	x
65	Provide the cumulative volume of the proposed wireless equipment(s) exclusive of antennas	Volume must be listed in cubic feet (feet/decimal) to the nearest 10th.	x	x	x	x
66	Provide the cumulative volume of the proposed antenna(s) exclusive of equipment	Volume must be listed in cubic feet (feet/decimal) to the nearest 10th.	x	x	x	x
67	* Will the antenna be located on a rooftop?		x		x	x
68	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.		x		x	x
69	*Has a new or updated plan been filed with the County within the last year?		x	x	x	x
70	If the answer is Yes (to item 69)					
71	If the answer is No (to item 69)		x	x	x	x
72	*Describe area to be served by the proposed installation. Identify the number of additional carriers the facility is capable of accommodating.		x	x		
73	*Attach a map of the general area showing the location of the site.	Map can be obtained from MCAtlas.org/zoning. Use the print-to-PDF feature available from MCAtlas.org. The area map must pinpoint the structure.	x	x	x	x
74	*Attach manufacturer specification sheets for radios, antennas, etc.	Upload the manufacturer's cut sheet for all proposed antennas and accessories listed above in "Antenna Specification & Installation."	x	x	x	x
75	Attach construction drawings/pictures	Needs to be 11" x 17" format. (For minor modifications submit annotated photos and/or drawings of proposed installation here.) .An elevation drawing of the structure must be shown with all existing and proposed antennas placed on the structure at the appropriate heights above ground. The owner's names of all existing antennas must be shown. On the elevation profile there must be a depiction of the equipment area located at the base of the structure and the proposed equipment or shelter. It must show an overhead view of the equipment area showing the location of the structure and the ownership of equipment facilities for all existing carriers and those proposed to be placed on this site.	*x	*x	x	*x
76	*Attach RF propagation studies showing service area coverage surrounding the proposed site with and without the site.	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	x	x		
77	Attach drive test documents	If any drive tests were performed, provide copies of the data with the application and make note that they are attached.	x	x		
78	Attach property owner consent form	If a property owner consent form has been obtained, attach here.	x	x	x	x

Antenna Specification & Installation

Antenna Location

Plan Update

Other Documents

79	*Provide photos and photo simulations	Provide a photographic simulation of the structure and equipment from at least two different directions and approximately 1 mile away for tower sites, and 1/4 mile for shorter sites. If the new structure is visible from adjoining parcel, include view from the adjoining parcels. Please provide copies of the photographs with balloon and the result with simulation.	x	x		
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