



Wireless Communication Facility – Public Right-of-Way Supplemental Permit Application and Applicant's Guide

INSTRUCTIONS:

In addition to an Administrative Site Development Permit Application and Encroachment Permit Application, persons applying for a permit to install and operate a wireless communication facility (WCF) in the public right-of-way must also concurrently complete and submit this Supplemental Permit Application form (together with all applicable information and documentation specified herein). A maximum of 10 WCFs may be proposed with a single application. The City encourages applicants to schedule a pre-submittal meeting with City staff.

For additional information regarding application requirements and applicable code requirements, please review Lake Forest Municipal Code Chapter 9.162 at http://qcode.us/codes/lakeforest/view.php?topic=9-9_162&frames=off. For questions, contact the Planning Division at (949) 461-3460. If your response to a question includes attachments, label the attachments as exhibits that reference the part and question numbers. For example, for information requested in Part C, Question 1(a), label the documents: Exhibit C(1)(a).

PART A: PROJECT SITE INFORMATION

| | |
|--|--|
| Address (or nearest address): | |
| Nearest Cross Street(s): | |
| GPS Coordinates: | |
| If WCF is proposed to be attached to an existing utility pole, provide pole # as assigned by public utility: | |

PART B: CONTACT INFORMATION

Contact information provided to the City shall be maintained current at all times. Applicant shall notify City of any changes to information provided below within 15 calendar days of any change.

Applicant/ Primary Contact:

| | |
|--------------------|--|
| Name: | |
| Company: | |
| Street Address: | |
| City, State & Zip: | |
| Telephone No.: | |
| Email Address: | |

Wireless Communications Service Provider:

| | |
|---------------------------------|--|
| Company Name: | |
| Contact Person: | |
| Street Address: | |
| City, State & Zip: | |
| Telephone No.: | |
| Email Address: | |
| I.D. #s/ FCC Certifications: | |

Base Facility Owner (if different from Service Provider):

| | |
|--------------------|--|
| Company Name: | |
| Contact Person: | |
| Street Address: | |
| City, State & Zip: | |

| | |
|----------------|--|
| Telephone No.: | |
| Email Address: | |

Local Emergency Contact:

| | |
|--------------------|--|
| Contact Person: | |
| Company Name: | |
| Street Address: | |
| City, State & Zip: | |
| Telephone No.: | |
| Email Address: | |

PART C: PROJECT INFORMATION

1. Purpose of Proposed WCF

Is the proposed WCF to be used for the provision of “personal wireless services” as defined by 47 U.S.C. Section 332(c)(7)(C)(i) on a sole or comingled basis?

- No. Specify the type(s) of wireless communications services to be provided using the proposed facility: _____
- Yes. Specify the type(s) of personal wireless services: _____

2. Type of Application

Please check the applicable box(es) and provide the information specified below as an attachment to this Application, along with a written explanation identifying the facts relied upon to support the claimed treatment.

- Eligible Facilities Request. Applicant asserts that the application qualifies as an “eligible facilities request” (EFR) (as defined in 47 CFR § 1.6100(b)(3), or any successor provision). Applicant shall submit the information required in the Application Requirements Part E, Section 1 below. ***The applicable FCC shot clock is sixty (60) days.***
- Co-location – Small Cell Facility (Existing Structure). Applicant asserts that the application is being submitted for approval of a Co-location of a Small Cell WCF (i.e., the proposed facility both meets the definition of “small wireless facility” and is a “co-

location” (both as defined by 47 C.F.R. § 1.6002)). Replacements of existing structures are not “co-locations”. Applicant shall submit the information required in Part D and the Application Requirements Part E, Section 3 below. ***The applicable FCC shot clock is 90 days (60 days if application is submitted when FCC 18-133 is in effect).***

- Small Cell Facility (New Structure). Applicant asserts that the application is being submitted for approval to deploy a Small Wireless Facility (as defined by 47 C.F.R. § 1.6002(l)) involving placement of a new structure. Replacements of existing structures are considered new structures. Applicant shall submit the information required in Part D and the Application Requirements Part E, Section 3 below. ***The applicable FCC shot clock is 150 days (90 days if application is submitted when FCC 18-133 is in effect).***
- Other WCF Expressly Permitted by State or Federal Law to be in the ROW. Applicant asserts that the application is being submitted for approval of a type of wireless services facility that applicable state or federal laws expressly permit to be in the City’s public right-of-way. If you checked this box, please attach an explanation of the basis for your assertion, including citations to supporting law, and state what FCC shot clock you assert applies to this application, if any. Submit the information required in the Application Requirements Part E, Section 3 below. Also, complete Part D if you answered "yes" to Part C, Question 2.
- Permit Renewal. Applicant asserts that the application is being submitted for a renewal of an existing wireless encroachment permit or predecessor permit. If you checked this box, please submit a copy of the original permit, any prior renewals or extensions thereof, and the information required in the Application Requirements Section Part C(2) below.

Also check the following Waiver Request box if applicable to your application.

- Waiver Request. Applicant asserts that its application includes a waiver request. Applicant shall include a request for a waiver, as set forth in Section [] of the Code, and any additional information required in the Application Requirements Part C, Section 4 below. A request for waiver may be submitted at a later time if it is determined that the proposed facility, as originally submitted, will not meet the requirements and restrictions of the Code.

3. Application Fees

Applicant shall pay all applicable fees in the amounts established by the current fee schedule. In the event applicant has pre-paid all or a portion of applicable fees, please include a copy of the receipt from that transaction.

4. Franchises, Authorizations and Licenses

To have a complete application, the applicant must have: (a) authorization to use the public right-of-way; (b) a license(s) to provide proposed services; and (c) authorization to use the proposed structure.

- a) Does applicant have an existing franchise or other authorization to place wireless facilities in the public rights-of-way?
- No. If no, the application will be considered incomplete.
 - Yes. If yes, explain source of applicant's right to use the public right-of-way and submit related documentation.
- b) Has applicant obtained all applicable licenses or other authorizations to provide the services proposed in connection with the application, whether required by the Federal Communications Commission, California Public Utilities Commission, or any other agency with authority over the proposed services?
- No.
 - Yes. If "yes", submit related documentation such as FCC licenses or authorizations, a certificate of public convenience and necessity or a wireless identification registration (WIR) from the California Public Utilities Commission.
- c) Is proposed WCF to be attached to a structure owned or controlled by a third party (not the owner of the proposed WCF)?
- No.
 - Yes.

If yes, identify the owner as one of the following:

- City of Lake Forest.
- Other: _____ (insert name).

If you selected "Other", provide a copy of the authorization or license to use the structure.

If you selected the City, select one of the following:

- I have a master license or other agreement with the City for use of the facility. [If you check this box, provide the document.]
- I have no license or other agreement, but I am applying/have applied for one. [If you check this box, the application must be provided, along with payment or proof of payment of required fees.]
- I have no license or other agreement, and have not applied for a license or other agreement. By checking this box and signing below, you acknowledge and agree that this wireless communication facility permit application is not a

substitute for a license or other agreement to use the City facility and must be separately applied for; that any deadline for action on that application will not begin to run until the complete application is submitted; and that this wireless permit application will remain incomplete until and unless a complete application for a license or other agreement is submitted to the City.]¹

Agreed: _____ Print Name: _____

5. High Fire-Threat District

Is the proposed WCF in a High Fire-Threat District (HFTD) (as demarcated on the current version of the California Public Utility Commission Fire-Threat Map)?

No.

Yes. If you answered "Yes" to this question, please answer the following:

a) Identify the structure(s) or proposed structure(s) on which the facility will be attached: _____

b) Identify the owner of the structure: _____

c) Check one of the following:

The facility is being installed on a structure that applicant contends is, or will be, under the jurisdiction of General Order 95 ("GO 95"), or GO 165, or GO 166.

The facility is NOT being installed on a structure that applicant contends is, or will be, under the jurisdiction of General Order 95 ("GO 95"), or GO 165, or GO 166.

d) If the WCF is being installed on a GO 95, 165, or 166 structure, attach sworn statements by qualified experts attesting to: (1) the specific HFTD in which the WCF will be located; (2) whether the structure has been inspected by qualified experts for compliance with all applicable General Orders; (3) whether the structure, any existing facilities, and any planned structures and facilities would comply with standards for placement on structures in an HFTD; and (4) whether all required Fire Prevention Plans are in place. If existing or proposed structures or facilities are or will be non-compliant in any respect, the application shall identify steps proposed to ensure the structure and existing and proposed facilities are compliant.

e) If the facility is NOT being installed on a GO 95, 165, or 166 structure, submit sworn statements by qualified experts attesting to: (1) the specific HFTD in which the WCF(s) will be located, as demarcated on the current version of the

¹Informal discussions with respect to use of City-owned or -controlled facilities prior to completing an application is encouraged.

California Public Utility Commission Fire-Threat Map, if applicable; (2) a description of the steps the applicant has taken to reduce hazards to public safety, including fire safety hazards, that may be caused by the proposed WCF; and (3) the steps applicant proposes to take to maintain the safety of the WCF, which steps shall be at least as rigorous as if GO 95, 165, and 166 applied.

PART D: PERSONAL WIRELESS SERVICES FACILITIES (RESPOND IF APPLICABLE)

1. Based on the work proposed in connection with this project, identify any and all additional permits, approvals, or agreements (“Ancillary Permissions”) that will be required for any work within the City in order to deploy the WCF which you contend must be permitted (absent agreement or exceptional circumstances) no later than by the same time the City must take action on the WCF application. It is your responsibility to review Code and policies and other state or FCC regulations applicable to the deployment of the WCF within the City and identify every Ancillary Permission that will be sought in conjunction with that deployment. The failure to conduct the investigation and to accurately identify all Ancillary Permissions may be grounds for denying the application or for declaring it incomplete. For example, if the WCF would be placed on a structure where an ancillary permit would be required at the state, federal or local level, the applications required for that review must be identified. Please check whether the work proposed will require:

- a) Building Permit
- b) Electrical Permit
- c) Traffic Control Permit
- d) Encroachment Permit
- e) Other(s). Identify: _____

Alternatively, rather than identifying all Ancillary Permissions now, you may agree as follows by signing below: “I agree that, except for those applications identified and submitted in response to Question 3 (below) separately for any and all required Ancillary Permissions; any deadlines for action on any Ancillary Permissions will run from the date of those applications, and not from the date of this application; and that no work may be undertaken should this wireless application be granted, or granted subject to conditions, until and unless the same are obtained.”

Agreed: _____ Print Name: _____

2. Please provide an attachment that identifies that Ancillary Permission you seek now, and with respect to that Ancillary Permission, check the appropriate box below:

- I have the required permit. [If you check this box, attach the required permit.]

- I have no permit, but I am applying or have applied for one. [If you check this box, the application must be provided and all fees or proof of fee payment provided.]

PART E: APPLICATION REQUIREMENTS (RESPOND TO APPLICABLE SECTIONS)

The information required to be included in your application is dependent upon whether it is an eligible facilities request, a renewal of an existing permit, or any other application type. Please reference the appropriate section below for your application type and the corresponding list of requirements.

1. ELIGIBLE FACILITIES REQUESTS: *For an application asserted to be an eligible facilities request, the application must provide the following information:*

a) Description of the Proposed Project

- i) A description of the proposed WCF(s), including whether the project is a co-located WCF or the replacement, removal, or modification of an existing WCF.
- ii) A detailed explanation as to why applicant asserts that the WCF constitutes an eligible facilities request, including reference to and analysis of applicable FCC rules as they pertain to the proposed WCF.
- iii) A list of all facilities and equipment proposed to be installed and the dimensions, weight, and manufacturer's specifications for each.
- iv) A description of all modifications to existing WCF(s) proposed.
- v) A description of any concealment elements proposed, including, but not limited to, painting and shielding. Plans and exhibits included with the application must demonstrate that proposed modifications will not defeat any existing concealment elements. If there will be no concealment elements, so state.
- vi) A description of any ground disturbance necessary to complete the proposed project.
- vii) A description of the site and any deployment outside the site necessary to complete the proposed project.
- viii) If a co-location, a description of why this WCF qualifies as a co-location within the meaning of the FCC rules.
- ix) A description of all changes made to the WCF from the date of the original installation (whether or not approved) and a description of any changes in height that may have occurred since January 22, 2012.
- x) A description of all changes to be made to the existing base station and/or tower, including, but not limited to, any/all changes to the supporting structure.

b) Prior Approvals/Permits

- i) A copy of all approvals and/or permits for the tower or base station that is to be modified, and any subsequent modification permits, and of any required conditions (imposed by the City and/or third party) placed on the initial or subsequent permits.
- ii) A showing that the WCF, as modified, will be in compliance with existing conditions of the underlying approval(s)/permit(s), whether or not it is in compliance with conditions as of the date of application. A plan for correction of any non-compliance condition must be submitted.

c) Plans

- i) Six copies of a site plan at a scale of 1"=20' or larger and including the following:
 - (1) A north-pointing arrow on each plan sheet;
 - (2) Title block with applicant's name, owner's name, and contact information;
 - (3) Depiction of the fully-constructed proposed WCF;
 - (4) Location of lot lines, streets (with street names), easements, and all structures and improvements, including accessory equipment, underground utilities and support structures, existing and proposed;
 - (5) Slopes, contours, trees and other pertinent physical features of the site, existing and proposed;
 - (6) All exterior lighting on the site, existing and proposed;
 - (7) Location use and approximate distance from property lines of the nearest structures on all properties abutting the site; and
 - (8) The location of parking for maintenance personnel.
- ii) Existing and proposed elevations of all facilities, equipment, support structures, appurtenances, and other related structures

d) Site Photograph(s)

- i) Current color photographs of the project site and its surroundings.

e) Visual Impact Analysis

- i) A visual impact analysis, which shall include photomontage, photo-simulation or similar technique, demonstrating, from all four primary directions (north, south, east, and west), the potential visual impacts of the proposed WCF. Consideration shall be given to views from public areas as well as from private property.

f) Noise

- i) Demonstrate compliance with the City's noise ordinance (LFMC Ch. 11.16) by providing, among other relevant information, a description of the facilities

and/or equipment which are components of the project and expected to induce or generate noise, as well as anticipated noise levels of said facilities and/or equipment. For facilities that generate noise, please provide testing data for noise assuming maximum facility utilization and operational utilization (worst case) at the property lines. Specify times and conditions during which noise generation will occur.

g) FCC Radio Frequency Standards

- i) A report signed by a California-licensed professional engineer with expertise in radio communications facilities and the calculation of radio frequency emissions that affirms, under penalty of perjury, that the proposed installation will be compliant with the FCC's standards. The report must also contain the following:
 - (1) A description of each of the proposed antennas and all related fixtures, structures, appurtenances and apparatus, including the height above grade, volume in total cubic feet, materials, lighting, and the directionality of each antenna (e.g., omni, directional, etc.);
 - (2) The frequency, modulation and class of service;
 - (3) A clear identification of areas, both vertically and horizontally, where exposure levels will exceed FCC standards for general public and occupational exposures. Please note that applicant's analysis must show that it has appropriately taken cumulative exposures into account, and must show exposures based on "worst case" scenarios;
 - (4) A certification that the facility will comply with all applicable standards for radio frequency emissions, including cumulative effects, and a description of the manner in which the radio frequency emissions for the WCF were calculated and the results of those calculations. Individual and cumulative emissions should be evaluated; and
 - (5) If the certification of the WCF as currently installed, or as proposed to be modified, is subject to conditions designed to limit general public or occupational exposure, identify those conditions, and demonstrate that they have been satisfied, or describe when they will be satisfied.

h) Structural Analysis

- i) A report signed by a California-licensed professional engineer qualified in structural engineering, containing the following:
 - (1) In the case of a WCF attached to existing infrastructure, documentation of the ability of the structure to support the antennas, the proposed method of affixing the antennas and the precise point at which the antennas shall be mounted;
 - (2) In the case of a WCF with a support structure (e.g., monopole), documentation that the structure is capable of supporting the antennas (and any other equipment to be attached to or supported by the support structure) and complies with applicable laws and codes, as well as the

structure's capacity for additional co-located antennas, and the precise point at which the antennas shall be mounted; and

- (3) A certification that the structure(s) on which the WCF (including all accessory equipment, such as radios, cabinets, etc.) will be placed can safely support the WCF; and that all elements of the WCF comply with applicable safety standards, including, without limitation, GO 95, 165, and 166.

2. RENEWAL REQUESTS: *For a renewal of an existing permit,* the application must provide the following information:

a) Authorization

- i) Applicant shall include signed documentation stating that applicant is authorized by the owner of the support structure and/or real property to continue operating the facility.

b) Description of the Project for Renewal

- i) A description of the existing WCF(s).
- ii) A list of all WCFs and equipment currently installed and the dimensions, weight, and manufacturer's specifications for each.
- iii) A written description of the concealment measures applicant is using to aesthetically camouflage the WCF and/or to minimize its visual impact. This should include, but not be limited to, a description of concealment techniques, sizing and placement of elements of the WCF (including undergrounding), measures to limit visibility of the facility, and the textures and colors used in the concealment process. If none, so state.
- iv) A description of the site and any deployment outside the site.
- v) A description of all changes made to the WCF from the date of the original installation (whether or not approved), including any changes in height that may have occurred since January 22, 2012.

c) Prior Approvals/Permits

- i) A copy of all approvals and/or permits for the tower or base station and any subsequent modification permits, and of any required conditions (imposed by the City and/or third party) placed on the initial and subsequent permits.
- ii) A showing that the WCF is in compliance with existing conditions of the underlying approval(s)/permit(s). If the WCF is not in compliance with conditions as of the date of application, there must be a plan submitted for correction of any non-compliance condition.

d) Facility Plan and Photograph(s)

- i) Six (6) copies of the existing WCF plan at a scale of 1"=20' or larger and including a north-pointing arrow on each sheet and title block with applicant's name, owner's name, and contact information.
- ii) Current color photographs of the WCF and its surroundings.

e) Visual Impact Analysis

- i) A visual impact analysis, which shall include photographs, demonstrating from all four primary directions (north, south, east, and west) the visual impacts of the existing WCF. Consideration shall be given to views from public areas as well as from private property.

f) Noise

- i) Demonstrate continued compliance with the City's noise ordinance (LFMC Ch. 11.16) by providing, among other relevant information, a description of the facilities and/or equipment within the applicant's project that induce or generate noise, as well as the noise levels of said facilities and/or equipment. For facilities that generate noise, please provide testing data for noise assuming maximum facility utilization and operational utilization (worst case) at the property lines. Specify times and conditions during which noise generation will occur.

g) FCC Radio Frequency Standards

- i) A report signed by a California-licensed professional engineer with expertise in radio communications facilities and the calculation of radio frequency emissions that affirms, under penalty of perjury, that the existing WCF is compliant with the FCC's standards. The report must also contain the following:
 - (1) A description of each of the antennas and all related fixtures, structures, appurtenances and apparatus, including the height above grade, volume in total cubic feet, materials, lighting, and the directionality of each antenna (e.g., omni, directional, etc.);
 - (2) The frequency, modulation and class of service;
 - (3) A clear identification of areas, both vertically and horizontally, where exposure levels exceed FCC standards for general public and occupational exposures. Please note that applicant's analysis must show that it has appropriately taken cumulative exposures into account, and should show exposures based on "worst case" scenarios;
 - (4) A certification that the WCF is in compliance with all applicable standards for radio frequency emissions, including cumulative effects, and a description of the manner in which the radio frequency emissions for the WCF were calculated and the results of those calculations. Individual and cumulative emissions should be evaluated; and
 - (5) If the certification of the WCF as currently installed is subject to conditions designed to limit general public or occupational exposure, identify those

conditions, and demonstrate that they have been satisfied, or describe when they will be satisfied.

h) Structural Analysis

- i) A report signed by a California-licensed professional engineer qualified in structural engineering, containing the following:
 - (1) In the case of a WCF attached to existing infrastructure, documentation of the ability of the structure to continue to support the antennas and any required maintenance;
 - (2) In the case of a facility with a support structure (e.g., monopole), documentation that the structure is capable of continuing to support the antennas (and any other equipment attached to or supported by the support structure) and complies with applicable laws and codes, as well as the structure's capacity for additional co-located antennas; and
 - (3) A certification that the structure(s) on which the WCF (including all accessory equipment, such as radios, cabinets, etc.) is placed can continue to safely support the WCF; and that all elements of the WCF comply with applicable safety standards, including, without limitation, GO 95, 165, and 166.

3. ALL OTHER APPLICATIONS: *For all other types of applications*, the following must be provided:

a) Authorization

- i) Applicant shall include signed documentation indicating that applicant is authorized by the owner of the support structure and/or real property to install and operate the proposed WCF.

b) Description of the Proposed Project

- i) A description of the proposed WCF(s), including whether the project is a new WCF, a co-located WCF, or a modification to an existing WCF.
- ii) If the application is for a small cell WCF, an explanation asserting all of the grounds why the proposed WCF constitutes a small cell facility.
- iii) If a new WCF, include an explanation of whether the new WCF could and will be designed to accommodate future WCF(s).
- iv) A list of all facilities and equipment proposed to be installed and the dimensions, weight, and manufacturer's specifications for each.
- v) A written description of the concealment measures applicant proposes to use to aesthetically camouflage the WCF and to minimize its visual impact. This should include, but not be limited to, a description of proposed concealment techniques, sizing and placement of elements of the WCF (including undergrounding proposed), measures proposed to limit visibility of the WCF, and the textures and colors to be used. If none, so state.

- vi) A description of any ground disturbance necessary to complete the proposed project.
- vii) A description of the site and any deployment outside the site necessary to complete the proposed project.
- viii) If a co-location, a description of why this installation qualifies as a co-location within the meaning of the FCC rules. Applicant must also provide the following:
 - (1) A description of all installation procedures and plans for the WCF; and
 - (2) A description of all changes to be made to the existing structure, which description will, among other things, identify precisely what changes will be made to the supporting structure.

c) Prior Approvals/Permits

- i) If a WCF already exists on the site, provide the following:
 - (1) A copy of all approvals and/or permits for the tower or base station that is to be modified, any subsequent modification permits, and of any required conditions (imposed by the City and/or third party) placed on the initial or subsequent permits.
 - (2) A showing that the WCF, as modified, will be in compliance with existing conditions, whether or not it is in compliance with conditions as of the date of application. A plan for correction of any non-compliant condition must be submitted.

d) Plans

- i) Six copies of a WCF site plan at a scale of 1"=20' or larger and including the following:
 - (1) A north-pointing arrow on each plan sheet;
 - (2) Title block with applicant's name, owner's name, and contact information;
 - (3) Depiction of the fully-constructed proposed facility;
 - (4) Location of lot lines, streets (with street names), easements, and all structures and improvements, including accessory equipment, underground utilities and support structures, existing and proposed;
 - (5) Slopes, contours, trees and other pertinent physical features of the site, existing and proposed;
 - (6) All exterior lighting on the site, existing and proposed;
 - (7) Location use and approximate distance from property lines of the nearest structures on all properties abutting the site; and
 - (8) The location of parking for maintenance personnel.

- ii) Existing and proposed elevations of all facilities, equipment, support structures, appurtenances, and other related structures

e) Landscape Plan

- i) If any landscaped ground will be disturbed, six (6) copies of a landscape plan for the site, at a scale of 1/8"=1' or larger and including the following:
 - (1) Existing trees within 50 feet of the proposed wireless communication facility;
 - (2) Species and condition of all such trees;
 - (3) Final disposition of all existing trees; and
 - (4) Species, location and sizes of trees and other vegetation proposed to be installed in conjunction with the WCF.

f) Site Photograph(s)

- i) Current color photographs of the site and its surroundings.

g) Visual Impact Analysis

- i) A visual impact analysis, which shall include photomontage, photo-simulation or similar technique, demonstrating, from all four primary directions (north, south, east, and west) the potential visual impacts of the proposed WCF. Consideration shall be given to views from public areas as well as from private property. The analysis shall assess the cumulative impacts of the proposed WCF and other existing WCFs in the area, and shall identify and include all feasible mitigation measures consistent with the technological requirements of the proposed facility.

h) Noise

- i) Demonstrate compliance with the City's noise ordinance (LFMC Ch. 11.16) by providing, among other relevant information, a description of the facilities and/or equipment within the applicant's project that are expected to induce or generate noise, as well as anticipated noise levels of said facilities and/or equipment. For facilities that generate noise, please provide testing data for noise assuming maximum facility utilization and operational utilization (worst case) at the property lines. Specify times and conditions during which noise generation will occur.

i) FCC Radio Frequency Standards

- i) A report signed by a California licensed professional engineer with expertise in radio communications facilities and the calculation of radio frequency emissions that affirms, under penalty of perjury, that the proposed installation will be compliant with the FCC's standards. The report must also contain the following:

- (1) A description of each of the proposed antennas and all related fixtures, structures, appurtenances and apparatus, including the height above grade, volume in total cubic feet, materials, lighting, and the directionality of each antenna (e.g., omni, directional, etc.);
- (2) The frequency, modulation and class of service;
- (3) A clear identification of areas, both vertically and horizontally, where exposure levels will exceed FCC standards for general public and occupational exposures. Please note that applicant's analysis must show that it has appropriately taken cumulative exposures into account, and should show exposures based on "worst case" scenarios;
- (4) A certification that the WCF will comply with all applicable standards for radio frequency emissions, including cumulative effects, and a description of the manner in which the radio frequency emissions for the facility were calculated and the results of those calculations. Individual and cumulative emissions should be evaluated; and
- (5) If the certification of the WCF as currently installed, or as proposed to be modified, is subject to conditions designed to limit general public or occupational exposure, identify those conditions, and demonstrate that they have been satisfied, or describe when they will be satisfied.

j) Structural Analysis

- i) A report signed by a California-licensed professional engineer qualified in structural engineering, containing the following:
 - (1) In the case of a WCF attached to existing infrastructure, documentation of the ability of the structure to support the antennas, the proposed method of affixing the antennas and the precise point at which the antennas shall be mounted;
 - (2) In the case of a WCF with a support structure (e.g., monopole), documentation that the structure is capable of supporting the antennas (and any other equipment to be attached to or supported by the support structure) and complies with applicable laws and codes, as well as the structure's capacity for additional co-located antennas, and the precise point at which the antennas shall be mounted; and
 - (3) A certification that the structure(s) on which the WCF (including all accessory equipment, such as radios, cabinets, etc.) will be placed can safely support the WCF; and that all elements of the WCF comply with applicable safety standards, including, without limitation, GO 95, 165, and 166.

k) Justification for Location/Co-location

- i) Justification as to why the applicant chose the location for the proposed WCF.

- ii) A written explanation of the applicant's investigation into co-locating the proposed WCF with an existing WCF. Indicate whether co-location is or is not feasible and why.

I) Map of Applicant's Existing Wireless Facilities and Coverage Assessment

- i) A map and narrative description of all existing WCF sites used by the applicant which are located within the City, and any WCF sites located outside of the City but which provide coverage within any part of the City.

4. WAIVER REQUEST [if applicable]

- a) If it is contended that the City is required by federal or state law to approve the WCF, applicant must submit the information it relies upon to support that claim, identifying: (i) the legal standard it claims applies; (ii) the showings it relies upon for its claim; (iii) alternative legal standards that may apply that it claims to meet; and (iv) the showings it relies upon for those claims. Applicants are cautioned that, should they choose not to submit with respect to items (iii) and (iv), and the City believes that applicant misapplies or relies on the wrong legal standard, the waiver (and consequently the application) may be denied.

PART F: CERTIFICATION (ALL APPLICANTS)

I (we) hereby certify under penalty of perjury that: (1) after diligent investigation, the information provided pursuant to this Supplemental Application Form is true, accurate, and complete to the best of my (our) knowledge and belief; and (2) upon completion of the work proposed, the permitted personal WCF will comply with all applicable laws, regulation, practices or other requirements under federal, state, or local law, including, but not limited to, building and electrical codes, the FCC's radio frequency emissions standards, and the requirements of the Americans with Disabilities Act (ADA).

Applicant's Signature

Date

Applicant's Printed Name

[end of document]