COMMUNITY DEVELOPMENT

# SUPPLEMENTAL APPLICATION FOR WIRELESS SITES

The City of Irvine recognizes that the provision of wireless services is a highly technical enterprise subject to various regulations. This Supplemental Application form is designed to elicit necessary and required technical information in support of a planned Conditional Use Permit ("CUP") or Wireless Communications Facility Permit ("WCFP") application for a new or modified Wireless Telecommunications facility (also called a "Wireless Site" and "Project") within the City of Irvine.

Completion of this Supplemental Application is a mandatory document for a wireless Project. This form assists the City of Irvine to comply with its duties under its Wireless Communications Ordinance (City Council Ordinance No. 05-13 as amended) , as well as Sections 253, 332, and 704 of the Communications Act of 1934 as amended, and the California Public Utilities Code Sections 7901 and 7901.1, and California Government Code. We require this information to create a written administrative record containing substantial evidence, and to collect evidence sufficient to permit the City of Irvine to determine whether the FCC RF emissions safety requirements are met, and determination of the rights, if any, of a wireless applicant to use the public right-of-way in connection with the provision of its proposed wireless service.

If you do not believe that a specific item of information is necessary or applies to your application, mark the item on this form with the words, "See Attached" and attach a detailed written explanation as to the basis for your belief (e.g., "Question 94.7 does not apply to this application because the proposed Project has no microwave transmission element.") An answer such as "Question 94.7 does not apply" is insufficient, and the determination of completeness of your application will be delayed while you provide a meaningful and detailed response.

No application for a new wireless site or for a modification of an existing wireless site shall be considered for determination of completeness until all required responses to this Supplemental Application and required attachments are tendered to the City of Irvine. Every page of this form, including this page, and each page must be initialed where indicated. The last page must be initialed and signed.

Questions about this form or the required information to be provided should be directed to the City of Irvine Planning Counter at 949-724-6308.

**1.00 PROJECT LOCATION AND APPLICATION INFORMATION**

| | | |
|---|---|---|
| 1.01 | Project Physical Address (If any): | _____ |
| 1.02 | Assessors Parcel Number: | _____ |
| 1.03 | Applicant Name: | _____ |
| 1.04 | Applicant is: | ☐ Owner ☐ Owner Representative |
| 1.05 | Applicant Address (Line 1): | _____ |
| 1.06 | Applicant Address (Line 2): | _____ |
| 1.07 | Applicant Address (Line 3): | _____ |
| 1.08 | Applicant Address (Line 4): | _____ |
| 1.09 | Applicant Phone: | _____ |
| 1.10 | Applicant Mobile: | _____ |
| 1.11 | Applicant Fax: | _____ |
| 1.12 | Applicant Email: | _____ |

1.13 If Applicant is the Owner and the name and contact information above is the same, initial here _____ and then proceed to 3.01.

**2.00 PROJECT OWNER INFORMATION**

2.01 Disclose the Name and Address of all Project Owners, and attach a letter of agency appointing the Applicant as representative of the Project Owners in connection with this application. Designate the letter of agency as "Attachment 2.01."

Initial here _____ to indicate that Attachment 2.01 is attached hereto.

2.02 Is the wireless service to be offered from this project subject to a California Public Utilities Commission Certificate of Public Convenience and Need (CPCN)?

☐ YES ☐ NO

2.03 If the answer to 2.02 is YES, provide either a web site link to the complete CPCN decision at the California Public Utilities Commission web site, or a true and complete copy of the CPCN decision and mark it as "Attachment 2.02".

Initial here _____ to indicate that Attachment 2.02 is attached hereto.

**3.00 FCC LICENSEE / FAA COMPLIANCE INFORMATION**

3.01 For each person/legal entity that will be using the wireless site, provide the information in Sections 3 and 4. Copy these sections for each applicant if necessary.

3.02 Disclose all of the FCC licenses call signs or Construction Permit identifications to permit the City of Irvine to verify your FCC authority: _____. If additional space is necessary attach and mark the sheet as "Attachment 3.02". If none of the proposed radio facilities require an FCC license so indicate on the line, above.

Initial here _____ to indicate that Attachment 3.02 is attached hereto.

3.03 Licensee Name: _____

3.04 Licensee Address (Line 1): _____

3.05 Licensee Address (Line 2): _____

3.06 Licensee Phone: _____

3.07 Licensee Fax: _____

3.08 Licensee Contact Email: _____

3.09 Use of Facility (Check all that apply):

**NOTICE:** Applicants not operating under their own FCC license(s) must mark "Other" and disclose all information required here for all entities that use the project.

☐ Amateur Radio
☐ Broadcast Radio
☐ Broadcast TV
☐ Cellular Telephone
☐ Enhanced Specialized Mobile Radio
☐ Microwave
☐ PCS Telephone
☐ Paging
☐ Specialized Mobile Radio
☐ Other: _____

3.10 Project Latitude and Longitude: N _____ W _____

3.11 Specify DATUM Used Above: ☐ WGS84 ☐ NAD23 ☐ NAD83

3.12 Project Maximum Height (ft. AGL): _____

3.13 Bottom of Lowest Transmitting Antenna (ft. AGL): _____

3.14 Radiation Center of the Lowest Transmitting Antenna (ft. AGL): _____

3.15 For each licensee, and for each radio service, complete and attach a separate two page "Appendix A" form from "A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance" available by download directly from the FCC at fcc.gov/oet/rfsafety.

DAS providers must provide an Appendix A form completed by each wireless carrier or wireless service provider to be transmitted through the Project at each wireless site. Appendix A forms completed by the DAS provider are unacceptable if they are not the FCC licensee for the particular wireless service transmitted through the site.

***For consistency purposes, all Appendix A forms submitted must use effective radiated power (ERP) units of measure (do not effective isotropic radiated power (EIRP)). To verify your understanding of this requirement, you must append the letters "ERP" following each wattage listing in each Appendix A form you submit.***

Designate all completed two page forms as "Attachment 3.15". Depending on the information provided in Attachment 3.15, additional RF safety disclosure information may be required by the City of Irvine to permit a positive determination of compliance with FCC OET Bulletin 65 requirements. In addition to the LSGAC form(s) which you must submit, you may also submit any additional RF safety compliance information or report(s). Designate any additional RF safety compliance information as "Attachment 3.15-A".

Initial here _____ to indicate that Attachment 3.15 is attached hereto.

Initial here _____ to indicate that Attachment 3.15-A is attached hereto.

3.16 Considering your response in Attachment 3.15, above, and any other identifiable RF emitters that FCC OET Bulletin 65 requires be evaluated in connection with this Project, are all portions of this Project cumulatively "categorically excluded" under FCC OET 65 requirements?

☐ YES ☐ NO

3.17 Does this Project require the Applicant to file an FAA Form 7460 or other documentation under Federal Aviation Regulation Part 77.13 et seq, or under the FCC rules?

☐ YES ☐ NO

3.18 If the answer to 3.17 is NO proceed to 4.00.

3.19 Attach complete copies of all required FAA/FCC forms including all attachments and exhibits thereto, including without limitation FAA Form 7460. Designate this attachment, "Attachment 3.21".

Initial here _____ to indicate that Attachment 3.21 is attached hereto.

**4.00 PROJECT PURPOSE**

4.01 Indicate the Dominant Purpose of the Project (Check only one):

- ☐ Add network capacity without adding substantial new RF coverage area
- ☐ Increase the existing RF signal level in an existing coverage area
- ☐ Provide significant new radio frequency coverage in an area not already served by existing radio frequency coverage
- ☐ Other

4.02 If the answer to 4.01 is NOT "Other" proceed to 4.10.

4.03 Attach a written statement fully and expansively describing the "Other" dominant purpose of this Project. Designate this attachment, "Attachment 4.03".

Initial here _____ to indicate that Attachment 4.03 is attached hereto

4.10 If any portion of the project is to utilize radio spectrum that does not require an FCC license, identify in detail the portions of the project that used unlicensed spectrum.

Designate this attachment, "Attachment 4.10".

Initial here _____ to indicate that Attachment 4.10 is attached hereto.

**5.00 BUILD-OUT REQUIREMENTS**

5.01 Do any of radio services identified in 3.09 above require the licensee to provide specific radio frequency/ population build-out coverage pursuant to the underlying FCC license?

☐ YES ☐ NO

5.02 If the answer to 5.01 is NO proceed to 6.00.

5.03 Have all of the FCC build-out requirements as required by all licenses covering all radio services proposed at this Project been met?

☐ YES ☐ NO

5.04 If the answer to 5.04 is YES proceed to 6.00.

5.05 State by licensee call sign disclosed in Section 3.02 all remaining build-out requirements which have yet to be met, and the known or estimated date when the remaining build-out requirements will be met.

Designate this attachment "Attachment 5.05".

Initial here _____ to indicate that Attachment 5.05 is attached hereto.

**6.00 RADIO FREQUENCY COVERAGE MAPS**

6.01 Where a licensee intends to provide radio frequency geographic coverage to a defined area from the Project (including but not limited to applicants in the broadcast, cellular, PCS, broadcast, ESMR/SMR categories, and those marked "other" in Section 3.09 of this firm, the coverage maps and information requested in Section 6 are required attachments. All others proceed to 7.00.

Where a licensee intends to provide radio frequency geographic coverage to a defined area from the Project (including but not limited to applicants in the broadcast, cellular, PCS, broadcast, ESMR/SMR categories, and those marked "other" in Section 3.09 of this firm, the coverage maps and information requested in Section 6 are required attachments. All others proceed to 7.00.

For the coverage maps required here, the following mandatory requirements apply. Failure to adhere to these requirements may delay your application processing.

1. The size of each submitted map must be no smaller than 11" by 8.5". Each map must be of the same physical size and map area scale. Each map must use the same base map (i.e., same streets and legends shown on all).

2. If the FCC rules for any proposed radio service defines a minimum radio frequency signal level that level must be shown on the map in a color easily distinguishable from the base paper or transparency layer, and adequately identified by RF level and map color or gradient in the map legend. If no minimum signal level is defined by the FCC rules you must indicate that in the legend of each RF coverage map. You may show other RF signal level(s) on the map so long as they are adequately identified by objective RF level and map color or gradient in the map legend.

3. Where the City of Irvine reasonably determines that one or more submitted maps are inadequate, it reserved the right to request that one or more supplemental maps with greater or different detail be submitted.

6.02 Existing RF coverage within the City of Irvine on the same network, if any (if none, so state). This map should not depict any RF coverage to be provided by the Project. Designate this attachment "Attachment 6.02".

Initial here _____ to indicate that Attachment 6.02 is attached hereto.

6.03 RF coverage to be provided by the Project. This map should not depict any RF coverage provided any other existing or proposed wireless sites. Designate this attachment "Attachment 6.03".

Initial here _____ to indicate that Attachment 6.03 is attached hereto.

6.04 RF coverage to be provided by the Project and by other wireless sites on the same network should the Project site is activated. Designate this attachment "Attachment 6.04".

Initial here _____ to indicate that Attachment 6.04 is attached hereto.

**7.00 PROJECT PHOTOGRAPHS AND PHOTO SIMULATIONS**

7.01 Where an Applicant proposes to construct or modify a wireless site, and the wireless site is visible from other residential properties, the Applicant shall submit photo simulations consistent with the following standards:

1. Minimum size of each base photo and each photo simulation must be 10 inches by 8 inches (landscape orientation). Each base photo and matching photo simulation must be the same size. Single sheets of 11 x 8 ½ inches showing base photos and photo simulations on the same page are unacceptable.

2. All elements of the Project as proposed by the Applicant which can be seen from any point at ground level, or from any level within or on buildings within 500 feet of the Project must be shown in one or more close-in photo simulations (i.e., panel antennas, omnidirectional antennas, GPS antennas, antenna camouflage devices, cable trays; equipment cabinets; working lights; etc.).

3. The overall Project as proposed by the Applicant must be shown in three or more area photo simulations. Base photographs must, at a minimum, be taken from widely scattered positions of 120 degrees. A map detail showing each location where a photograph was taken, the proposed site, and the direction to the site from each photo location must be included. Base photographs taken from locations the have some physical feature obscuring the Project site, and the photo simulations associated with those same base photographs, are not acceptable.

Attach all base photographs and photo simulations to this application marked as Attachment 7.01.

The purpose of the photo simulations is to allow the City of Irvine to visualize the Project as completed, therefore the number of site photos, and photo simulations, and the actual or simulated camera location of these photos and photo simulations are subject to City of Irvine determination. The Applicant should submit photos and photo simulations consistent with these instructions, and be prepared to provide additional photos and photo simulations should they be requested by the City of Irvine.

Initial here _____ to indicate that all of the photo simulations provided for Attachment 7.01 are reliable photographic representations of the Project proposed and to be built by the Applicant, and that the Applicant is aware that the City of Irvine will rely on the photo simulations provided in Attachment 7.01 when it considers approval of this Project.

**8.00 ALTERNATIVE CANDIDATE SITES**

8.01 For applicants in the broadcast, cellular, PCS, broadcast, ESMR/SMR categories (or DAS providers), and others as requested by the City of Irvine, the information requested in Section 8 is required. All others proceed to 9.00.

8.02 Has the Applicant or Owner or anyone working on behalf of the Applicant or Owner secured or attempted to secure any leases or lease-options or similar formal or informal agreements in connection with this Project for any sites other than the candidate site identified at 1.01/1.02?

☐ YES ☐ NO

8.03 If the answer to 8.02 is NO, proceed to 8.05.

8.04 Provide the physical address of each such other location, and provide an expansive technical explanation as to why each such other site was disfavored over the Project Site. Designate this attachment "Attachment 8.04".

Initial here _____ to indicate that Attachment 8.04 is attached hereto.

8.05 Considering this proposed site, is it the one and only one location within or outside of the City of Irvine that can possibly meet the objectives of the Project?

☐ YES ☐ NO

8.06 If the answer to 8.05 is NO, proceed to 9.00.

8.07 Provide a technically expansive and detailed explanation supported as required by comprehensive radio frequency data fully describing why the proposed site is the one is it the one and only one location within or without the City of Irvine that can possibly meet the radio frequency objectives of the Project. Explain, in exact and expansive technical detail, all of the objectives of this Project. Designate this attachment "Attachment 8.07".

Initial here _____ to indicate that Attachment 8.07 is attached hereto.

**9.00 IDENTIFICATION OF KEY PERSONS**

9.01 Identify by name, title, company affiliation, work address, telephone number and extension, and email address the key person or persons most knowledgeable regarding this Project so that the City of Irvine may contact them with questions regarding the Project:

9.02 (1) Person responsible for the final site selection for the Project;

9.03 Name: _____

9.04 Title: _____

9.05 Company Affiliation: _____

9.06 Work Address: _____

9.07 Phone/Extension: _____

9.08 Email: _____

9.09 (2) Person responsible for the radio frequency engineering of the Project;

9.10 Name: _____

9.11 Title: _____

9.12 Company Affiliation: _____

9.13 Work Address: _____

9.14 Phone/Extension: _____

9.15 Email: _____

9.16 (3) Person responsible for rejection of other candidate sites evaluated, if any;

9.17 Name: _____

9.18 Title: _____

9.19 Company Affiliation: _____

9.20 Work Address: _____

9.21 Phone/Extension: _____

9.22 Email: _____

9.23 If more than one person is/was involved in any of the three functions identified in this section, attach a separate sheet providing the same information for each additional person, and identifying which function or functions are/were performed by each additional person. Designate this attachment "Attachment 9.23".

Initial here _____ to indicate that the information above is complete and there is no Attachment 9.23, *or*

Initial here _____ to indicate that Attachment 9.4 is attached hereto.

**10.00 CERTIFICATION OF ACCURACY AND RELIABILITY**

10.01 The undersigned certifies on behalf of itself, the Applicant, and the Owner that the information provided in this form is true and complete to the best of the undersigned's ability and knowledge, and that information should be relied upon by the City of Irvine as being accurate and complete.

| | |
|---|---|
| SIGNATURE | TITLE |
| PRINT NAME | EMAIL ADDRESS |
| PRINT COMPANY NAME | PHONE |
| DATE SIGNED | |