## WIRELESS COMMUNICATIONS FACILITY (WCF) AND PROCESS MATRIX

For reference use only, refer to the zoning ordinance for specific requirements

<table>
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<tr>
<th>WCF Site</th>
<th>Type 1 Expedited Staff Review (1-5 days)</th>
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| 1. Location Restrictions | • Except for replacement of existing antennas and equipment, Type 1 does not include facilities located:  
• On single-family lots  
• Within 150' of a single-family lot  
• On schools (K-12)  
• In the McDowell Sonoran Preserve | Type 2 does not include facilities located:  
• WCF antennas on single-family lots  
• WCF antennas within 150' of single-family  
• On schools (K-12)  
• In the McDowell Sonoran Preserve | Type 3 does not include facilities located:  
• WCF antennas on single-family lots  
• In the McDowell Sonoran Preserve | • Type 4 does not include facilities located:  
See use permit criteria and equipment requirements in zoning ordinance |
| 2. The replacement of existing antennas and equipment cabinets | No visible change or replacing with a smaller facility | N/A | N/A | N/A |
| 3. On or within buildings, walls, and water tanks | • Fully concealed antennas and equipment and no visible changes  
• Meets District heights  
• Meets District setbacks, except in right-of-way and/or underground equipment | • Does not include R1 properties with visible changes  
• Limited to fully concealed or snug-mount antennas  
• Building not to increase in height more than 15%, and no increase in height of the water tanks.  
• Rooftop appurtenances not raised more than 2'  
• Rooftop appurtenances not to be more than 10% of roof  
• Rooftop appurtenances not to be more than 600 sq.ft.  
• Rooftop appurtenances not to be more than 6' tall  
• Equipment buried, screened, and/or hidden  
• Equipment not more than 8' tall and 150 cu.ft  
• Equipment meets District heights  
• Equipment meets setbacks, except in right-of-way and/or underground equipment | • Match the structure  
• Equipment buried, screened, and/or hidden  
• Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment  
• Equipment with air conditioning shall be enclosed and setback 15' from single-family lot | If not Type 1, 2, or 3 |
| 4. Co-located on existing communication monopoles and towers | N/A | • No more than 6' height increase, up to 80' max  
• No change in diameter  
• Limited to snug-mount, canister, and concealed antennas  
• 18” canister diameter max  
• 3 facilities max per pole  
• Cables located inside  
• Equipment buried, screened, and/or hidden  
• Equipment in ESL right-of-way or ESL scenic corridor not more than 4’ tall above natural grade and 150 cu. ft. above natural grade (colors to match corridor colors; no screenwall necessary)  
• Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8’ tall and 150 cu.ft.  
• Underground equipment exempt from setbacks | • 12’ height increase, up to 80’ max  
• 60% increase diameter max  
• 2’ max antenna extension from monopole or tower  
• 3 facilities max per pole  
• Cables located inside or encased  
• Equipment buried, screened, and/or hidden  
• Equipment in ESL right-of-way or ESL scenic corridor not more than 6’ tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)  
• Equipment outside of ESL right-of-way and ESL scenic corridor must meet district heights and setbacks, except underground equipment  
• Equipment with air conditioning shall be enclosed and setback 15’ from single-family lot | If not Type 2 or 3 |
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| 5. On existing or replaced utility poles and towers | N/A | • 12-KV limited to collector, arterial, or higher streets  
• Pole/tower size/height determined by utility company  
• Limited to snug, canister, and concealed antennas  
• Canister allows 6' height increase, up to 80' max  
• 18" canister diameter max  
• 3 facilities max per pole  
• Cables inside  
• Equipment buried, screened, and/or hidden  
• Equipment in ESL right-of-way or ESL scenic corridor not more than 4' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)  
• Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8' tall and 150 cu.ft.  
• Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment | • Does not include utility structures planned for removal  
• 12-KV limited to collector, arterial, or higher streets  
• 3 facilities max per pole  
• No more than 8' height increase  
• Pole/tower size/height determined by utility company  
• Canister allows 12' height increase, up to 80' max  
• 18" canister diameter max  
• 2' antenna extension from pole or tower max  
• Cables inside or encased  
• Equipment buried, screened, and/or hidden  
• Equipment in ESL right-of-way or ESL scenic corridor not more than 6' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)  
• Equipment outside of ESL right-of-way and ESL scenic corridor must meet District heights and setbacks, except underground equipment  
• Equipment with air conditioning shall be enclosed and setback 15' from single-family lot | If no Type 2 or 3 |
| 6. On existing or replaced sports and field light poles (where primary use is sports and field lights) | N/A | • Does not include ESL District and Scenic Corridors  
• 40% increase in diameter max  
• Limited to snug, canister, and concealed antennas  
• Canister allows 6' height increase, up to 80' max  
• 18" canister diameter max  
• 3 facilities max per pole  
• Cables inside, or match existing condition on nearby poles on same site  
• Equipment buried, screened, and/or hidden  
• Equipment not more than 8' tall and 150 cu.ft.  
• Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment | • 60% increase in diameter max  
• 2' max antenna extension from pole  
• Canister allows 12' height increase, up to 80' max  
• 18" canister diameter max  
• 3 facilities max per pole  
• Cables inside or encased  
• Equipment buried, screened, and/or hidden  
• Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment  
• Equipment with air conditioning shall be enclosed and setback 15' from single-family lot | If not Type 2 or 3 See additional setbacks |
**WIRELESS COMMUNICATIONS FACILITY (WCF) AND PROCESS MATRIX**

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<td>7. On existing or replaced traffic signal poles</td>
<td>• On pre-approved pole designs with all ground equipment buried underground</td>
<td>• New traffic signals require City approval • 18&quot; diameter max • 6' increase standard pole height max • Limited to snug, canister, and concealed antennas • Cables located inside • Equipment buried, screened, hidden, and/or city-approved pole-mounted • Equipment in ESL right-of-way or ESL scenic corridor not more than 4' tall above average natural grade and 150 cu. ft. above natural grade (colors to match corridor colors; no screenwall necessary) • Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8' tall and 150 cu. ft. • Underground equipment exempt from setbacks</td>
<td>• New traffic signals require City approval • 18&quot; diameter max • 6' increase standard pole height max • Limited to snug, canister, and concealed antennas • Cables inside or encased • Equipment buried, screened, hidden, and/or city-approved pole-mounted • Equipment in ESL right-of-way or ESL scenic corridor not more than 6' tall above average natural grade and 150 cu.ft. above natural grade (colors to match corridor colors) • Equipment outside of ESL right-of-way and ESL scenic corridor not more than 6' tall above average natural grade and 150 cu. ft. • Equipment exempt from setbacks</td>
<td>If not Type 1, 2, or 3</td>
</tr>
<tr>
<td>8. Concealed within flagpoles (monopoles with a flag)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Allowed</td>
</tr>
<tr>
<td>9. On existing or replaced street light poles, parking lot light poles, and street signs</td>
<td>N/A</td>
<td>N/A</td>
<td>• 60% increase in diameter max up to 18&quot; • Limited to snug-mount, canister, and concealed antennas • 6' height increase max • 18&quot; canister diameter max • Cables inside or encased • Equipment buried, screened, and/or hidden • Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment • Equipment with air conditioning shall be enclosed and setback 15' from single-family lot If not Type 3</td>
<td></td>
</tr>
<tr>
<td>10. On freeway directional signs</td>
<td>N/A</td>
<td>• Limited to snug-mount, canister, and concealed antennas • 6' height increase max • 18&quot; canister diameter max • Cables located inside pole or encase in sheath • Colors to match corridor colors If not type 2 or 3</td>
<td>• Limited to snug-mount, canister, and concealed antennas • 6' height increase max • 18&quot; canister diameter max • Cables located inside pole or encase in sheath • Equipment buried, screened, and/or hidden • Colors to match corridor colors</td>
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<td>11. Alternative concealment facilities</td>
<td>N/A</td>
<td>N/A</td>
<td>• Structure not to exceed max height per district</td>
<td>If not Type 3</td>
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<td></td>
<td></td>
<td></td>
<td>• Equipment buried, screened, and/or hidden</td>
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<td></td>
<td></td>
<td></td>
<td>• Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</td>
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<td></td>
<td>• Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</td>
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<td>12. New communication Monopoles or Towers (not including monopoles with flag)</td>
<td>N/A</td>
<td>• Limited to one monopole every 20,000 square feet of substation</td>
<td>N/A</td>
<td>On schools (K-12):</td>
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<td></td>
<td></td>
<td>• Shall be located inside an existing utility substation with solid enclosure (no monopoles outside)</td>
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<td>• 8' antenna height max</td>
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<td></td>
<td></td>
<td>• 40' max height</td>
<td></td>
<td>• Up to 80’ height max</td>
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<td></td>
<td></td>
<td>• 14” max monopole diameter</td>
<td></td>
<td>In 1-1, C-4, and s’s Districts:</td>
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<td></td>
<td></td>
<td>• Limited to snug, canister, and concealed antennas</td>
<td></td>
<td>• Up to 80’ height max, ‘X mile separation, and 2:1 setbacks if within 200’ of arterial or collector street, or within 300’ of R1 in C-5, C-2, C-3, PNC, PCC, PRC, C-0, PCP, WP</td>
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<tr>
<td></td>
<td></td>
<td>• 18” canister diameter max</td>
<td></td>
<td>Up to 40’ (50’ if co-locate) in height</td>
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<td></td>
<td></td>
<td>‘X mile separation</td>
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<td></td>
<td>See additional requirements</td>
</tr>
<tr>
<td>13. On single-family lots</td>
<td>N/A</td>
<td>• 1 + acre lots: equipment only (no antennas); buried, screened, and/or hidden</td>
<td>N/A</td>
<td>5+ acre lots (equipment and antennas allowed)</td>
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<td>Shall meet zoning heights and setbacks, except no WCF on structures needing additional height allowed in Section 7.100 unless built prior to this ordinance revision</td>
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<td>Shall be architecturally integrated into an existing building</td>
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<tr>
<td>14. In McDowell Sonoran Preserve</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>No new monopoles and towers</td>
</tr>
</tbody>
</table>