

Wireless Communications Facility Administrative Review

14-015ARTW – Scioto Park Tree

Sprint Antenna Co-Location

7377 Riverside Drive

This is a request for Sprint to install three new panel antennas and three new remote radio units on an existing field light pole at Avery Park. The site is on the west side of Riverside Road approximately 250 feet north of the intersection with Hanna Hills Drive. This is a request for review and approval of a wireless communications facility under the provisions of Chapter 99 of the Dublin Code of Ordinances.

Date of Application Acceptance

Tuesday, February 18, 2014

Date of ART Determination

Thursday, March 6, 2014

Case Manager

Rachel S. Ray, AICP, Planner II | (614) 410-4656 | rray@dublin.oh.us



PART I: APPLICATION OVERVIEW

<i>Zoning District</i>	R-1, Restricted Suburban Residential District
<i>Review Type</i>	Wireless Communications Facility Administrative Review
<i>Proposal</i>	Co-location of three antenna panels, six remote radio heads, two new equipment cabinets, and replacing coaxial cable with fiber optic cables
<i>Administrative Departures</i>	None
<i>Property Address</i>	7377 Riverside Drive
<i>Property Owner</i>	Marsha Grigsby, City Manager, City of Dublin
<i>Applicant</i>	Bryan Brawner, Crown Castle
<i>Case Manager</i>	Rachel S. Ray, AICP, Planner II (614) 410-4656 rray@dublin.oh.us

Application Review Procedure: Wireless Communications Facility Administrative Review

Wireless communications facilities are subject to administrative review and determination under the review standards and procedures of Chapter 99 of the City of Dublin Code of Ordinances. Following acceptance of a complete application for Wireless Communications Facility Administrative Review, the Administrative Review Team shall approve, deny, or approve with conditions the application based on the review standards of §99.05 and the review criteria of §99.06. A determination by the Administrative Review Team is required not more than 90 days from the date the request was submitted.

Proposal Overview

In June 2013, the ART approved the replacement of Sprint antenna panels and new equipment cabinets for this site. The applicant is requesting to install three panel antennas that are similar in size, shape, and color to the existing panels on the existing tree stealth tower to enhance wireless coverage for the area. The antenna panels are approximately six feet tall, and will be installed at a height of approximately 97 feet above grade as measured to the centerline of the proposed antenna panels, which is consistent with the height of the existing antenna panels.

Three new remote radio heads will be installed behind the three new antenna panels. New batteries and other equipment will be installed within the existing equipment cabinets; no other ground modifications are proposed.

Code Analysis – §99.05(C) – General Requirements

<i>Antenna Color</i>	The Code requires that if an antenna is installed on a structure other than a tower, the antenna and supporting equipment must be a neutral color that is identical to or nearly compatible with the color of the support structure to render the equipment as visually unobtrusive as possible. As no color is specified, a condition is recommended that the applicant select an antenna panel and coaxial cable color that is designed to be as unobtrusive as possible on the existing tree stealth tower.
<i>Maximum Height</i>	Chapter 99 limits the height of wireless communications facility towers to a maximum of 140 feet, as measured from grade at the base of the tower, unless a higher tower is required by conditions present in the vicinity of the location of the tower that require a taller structure in order to function. This proposal involves the co-location of antennas on an existing tree stealth tower, and the proposed antennas will be at 97 feet above grade as measured from the base of the tower to the centerline of the existing and proposed antenna panels.

PART II: ADMINISTRATIVE REVIEW TEAM COMMENTS

Land Use and Long Range Planning

It is Planning's opinion that the proposed wireless facility may be considered with the conditions that the applicant select an antenna panel and coaxial cable color that is designed to be as unobtrusive as possible on the existing tree stealth tower, and that any associated jumper cables or other wiring be trimmed to fit closely to the antenna panels.

Engineering, Building Standards, Parks and Open Space, Fire, Police, Economic Development

No comments.

PART III: APPLICABLE REVIEW STANDARDS

Administrative Review Criteria

The Administrative Review Team shall review this application based on the review criteria for wireless communications facilities, which include the following proposed responses:

- (a) **Antenna locating on an existing building or other antenna support structure.** Any antenna intended to be attached to a structure other than a tower may be approved as an accessory use to any commercial, industrial, professional, office, institutional, or similar structure, provided [certain criteria are met].
Not applicable.
- (b) **Co-located antennas on existing or reconstructed towers.** The color and overall design of the antenna shall be consistent with the existing tower and be as unobtrusive as possible.
Criterion met with conditions. Conditions are recommended that the applicant select an antenna panel and coaxial cable color that is designed to be as unobtrusive as possible on the existing tree stealth tower, and that any associated cables are trimmed to fit closely to the panels.
- (c) **Alternative tower structure.** Any antenna intended to be attached to a structure other than a tower may be approved as an accessory use to any commercial, industrial, professional, office, institutional, or similar structure, provided [certain criteria are met].
Not applicable.
- (d) **Cable microcell network.**
Not applicable.

PART IV: PROPOSED ADMINISTRATIVE REVIEW TEAM DETERMINATION

Approval of this application for wireless communications facility administrative review is recommended with the following conditions:

1. That the applicant select an antenna panel and coaxial cable color that is designed to be as unobtrusive as possible on the existing tree stealth tower; and
2. That any associated cables are trimmed to fit closely to the panels.