

Wireless Communications Facility Administrative Review

13-102ARTW – Dublin Coffman High School – Field Light Pole

Sprint Antenna Co-Location – 6790 Coffman Road

This is a request for Sprint to remove 6 antenna panels and install 3 new antenna panels and 6 remote radio units on an existing field light pole located on the east side of the Dublin Coffman High School football field. This request includes the removal of 3 equipment cabinets, addition of 2 new cabinets, and replacement of coaxial cable with 3 new fiber optic cables. The site is on the east side of Coffman Road at the intersection of Emerald Parkway. 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

Monday, September 23, 2013

Date of ART Determination

Thursday, October 10, 2013

Case Managers

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PART I: APPLICATION OVERVIEW

<i>Zoning District</i>	R, Rural District
<i>Review Type</i>	Wireless Communications Facility Administrative Review
<i>Proposal</i>	Co-location of three antenna panels, six remote radio units, two new equipment cabinets, and replacing coaxial cable with fiber optic cables; removing six antenna panels and three equipment cabinets.
<i>Administrative Departures</i>	None
<i>Property Address</i>	6790 Coffman Road
<i>Property Owner</i>	Dublin City School District
<i>Applicant</i>	Crown Castle, Tower Owner
<i>Representative</i>	Sean Ryan, SureSite Consulting
<i>Case Managers</i>	Jordan N. Fromm, Planning Assistant (614) 410-4654 jfromm@dublin.oh.us 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

This is a request to replace six panel antennas with three new dual-panel antennas that are smaller in size and shape, and are black instead of white. The antennas will be added to the existing mounting unit on the existing field light pole. The antenna panels are approximately six feet tall, and will be installed at a height of 124 feet above grade, which is approximately the same height as the existing antenna panels. Additionally, two new equipment cabinets are proposed within the existing compound at the base of the light pole. These will be replacing the existing three equipment cabinets within the existing compound.

To avoid service disruptions, the applicant is proposing to install the new panels alongside the existing antennas on the triangular mounting bracket and the new cabinets alongside the existing cabinets within the ground compound. This interim period will not exceed six months, at which point the existing antennas and cabinets will be removed. Upon removal of the existing antennas, the new antennas will be rearranged on the bracket to their final location (still at 124 feet above grade).

This request also includes the installation of three new fiber optic cables in the place of the existing coaxial cable. The applicant will not make any modifications or perform any demolition to any surface or structure outside the boundaries of the compound at the base of the light pole.

Code Analysis – §99.05(C) – General Requirements

Maximum Height 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 field light pole, and the proposed antennas will be at 124 feet above grade as measured from the base of the pole.

PART II: ADMINISTRATIVE REVIEW TEAM COMMENTS

Land Use and Long Range Planning

It is Planning's opinion that the proposed wireless antennas are designed to be as unobtrusive as possible, with the condition that the existing antenna panels and equipment cabinets be removed within six months following the installation of the new antenna panels. Planning recommends that the applicant select a fiber optic cable color that is designed to be as unobtrusive as possible on the existing field light pole, 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 a fiber optic cable color that is designed to be as unobtrusive as possible on the existing field light pole, and that any associated cables are trimmed to fit closely to the panels. Further, the applicant will be required to remove the existing antenna panels and equipment cabinets that will be decommissioned once the new antenna panels are installed within six months from the date of final inspection.

- (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 a fiber optic cable color that is designed to be as unobtrusive as possible;
2. That any associated cables are trimmed to fit closely to the panels;
3. That the existing antenna panels and equipment cabinets be removed not more than six months from the date of final inspection; and
4. That the applicant covers any openings left from the removal of the existing cabinets and level and eliminate anything protruding on the abandoned pad area.