



# Wireless Communications Facility Administrative Review

## 14-016ARTW – Dublin Coffman High School – Field Light Pole

### Sprint Antenna Co-Location – 6780 Coffman Road

This is a request for Sprint to install three new antenna panels and three new remote radio units on an existing field light pole located on the east side of the Dublin Coffman High School football field. 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**

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, Rural District
<i>Review Type</i>	Wireless Communications Facility Administrative Review
<i>Proposal</i>	Co-location of three antenna panels and three remote radio units
<i>Administrative Departures</i>	None
<i>Property Address</i>	6780 Coffman Road
<i>Property Owner</i>	Dublin City School District
<i>Representative</i>	Bryan Brawner, Crown Castle
<i>Case Managers</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 October 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 light pole to enhance wireless coverage for the area. The antenna panels are approximately five feet tall, and will be installed at a height of approximately 123 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**

*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 123 feet above grade as measured from the base of the pole as measured to the centerline of the proposed antenna panels.

## 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. 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.

- (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; and
2. That any associated cables are trimmed to fit closely to the panels.