



January 14, 2016

Wireless Communications Facility Administrative Review

15-127ARTW – Verizon Wireless Tower

6452 Shier Rings Road

This is a proposal to replace 12 existing panel antennas, 3 existing radio heads with 9 new radio heads, and install a new distribution box and hybrid cable to an existing wireless facility on Shier Rings Road, west of the intersection with Avery Road.

Date of Application Acceptance

Wednesday, December 23, 2015

Date of ART Determination

Thursday, January 14, 2016

Case Manager

Lia Yakumithis, Planning Assistant | (614) 410-4654 | lyakumithis@dublin.oh.us

Marie Downie, Planner I | (614) 410-4679 | mdownie@dublin.oh.us



PART I: APPLICATION OVERVIEW

<i>Zoning District</i>	Research Office District (ID-1)
<i>Property Owner</i>	IA Company, Thomas Irelan.
<i>Applicant</i>	Matt Meyers, PBM Wireless Services.

This proposal includes modifications to an existing 130-foot monopole tower located on the north side of Shier Rings Road, west of the intersection with Avery Road and Shier Rings Road. The applicant has proposed to replace 12 panel antennas. The replacement antenna panels are 96 inches long and their overall height will be approximately 135 feet from grade to the top of the proposed antenna panels.

Three existing radio heads will be removed and nine new radio heads measuring 21 inches to 36 inches will be installed behind nine of the panel antennas. An existing distribution box will be replaced with a box measuring 19.2 inches, and will be connected to a new hybrid coax cable. The new cable will be directed along the outside of the monopole tower to ground-mounted equipment.

Code Analysis – §99.05(C) – General Requirements

Antenna Color Chapter 99 requires that all antennas and supporting electrical and mechanical equipment be a neutral color that matches the supporting structure.

Maximum Height The height of wireless communications facility towers is limited to a maximum of 120 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 and remain stealth. This application involves the location of antennas on an existing monopole tower at an overall height of approximately 135 feet above grade as measured from the base of the pole to the top of the proposed antenna panels. Due to the existing conditions of the antenna, the 120-foot height requirement will not be required to be met.

PART II: 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.**

Not applicable.

(b) **Co-located antennas on existing or reconstructed towers.**

Criterion met with conditions. Any associated cables or other wiring should be trimmed to fit closely to the panels and shall be neutral in color or match the supporting structure in order to be as unobtrusive as possible.

(c) **Alternative tower structure.**

Not applicable.

(d) **Cable microcell network.**

Not applicable.

PART IV: PROPOSED ADMINISTRATIVE REVIEW TEAM DETERMINATION

Approval of this application for a wireless communications facility administrative review is recommended with one condition:

1. That any associated cables or other wiring should be trimmed to fit closely to the panels and shall be neutral in color or match the supporting structure.